Arizona State University

Academic Catalog Archive

2025-2026

This document provides an archival record of the academic programs offered during the 2025-2026 academic year. It is a printable option of the online catalog for accreditation organizations, agencies and university offices for data collection, evaluation purposes and referencing. The information and links presented in this archive may no longer be accurate. For current catalog information, refer to the online version of the academic catalog.

Corrections or additions to the Academic Catalog Archive 2025-2026 program information and major maps, as of July 2025, may be provided in a future addendum. For inquiries or questions, please contact academic.catalog@asu.edu.

About this Document

To navigate this version of the Academic Catalog 2025-2026, refer to the table of contents and the bookmarks provided. The table of contents provides a hyperlinked listing of resources in the order in which they appear in this document. Keyword searches may be employed as an additional means of locating resources within this document.

This document contains program descriptions and requirements for graduate degrees and certificates, undergraduate degrees, minors and certificates. Curriculum checksheets, included for undergraduate programs, outline each program's requirements.

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Academic programs (descriptions and requirements)
Graduate programs
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Our approach: ASU mission and goals

ASU charter

New American University - Toward 2030 and beyond

Download ASU Charter [1]

ASU is a comprehensive public research university, measured not by whom it excludes, but by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves.

ASU Charter video [2] on Youtube

Mission and goals

Demonstrate leadership in enabling academic excellence and accessibility at scale

Maintain the fundamental principle of accessibility to all students qualified to study at a research university.

Maintain university accessibility to match Arizona's socioeconomic spectrum with undifferentiated outcomes for success.

Ensure that more than 90% of students continue studies beyond their first year.

Enhance university graduation rate to greater than 85% and more than 4**0,000** graduates annually.

Continuously enhance quality while maintaining affordability.

Overcome geographic and financial barriers to education by enrolling **170,000** degree-seeking students.

Continuously increase measured student development and learning outcomes.

Engage learners of all socioeconomic, geographic and demographic backgrounds.

Expand ASU's role as the leading global center for interdisciplinary research, discovery and development by 2030

Launch the prototype medical center for the planet.

Become the leading American center for discovery and scholarship in the integrated social sciences, and comprehensive arts and sciences.

Enhance research competitiveness to more than $1.5 billion in annual research expenditures.

Drive regional economic competitiveness through research, discovery and socioeconomically integrated programs.

Serve as a leading American center for innovation, entrepreneurship and sustainability.

Create the leading American center for education and learning technology.

Enhance our local impact and social embeddedness

Leverage ASU as a public enterprise to strengthen Arizona's interactive network of teaching, learning and discovery resources.

Co-develop solutions to the critical social, technical, cultural and environmental issues facing 21st-century Arizona, ensuring sustainability and resilience.

Meet the needs of 21st-century Universal Learners through personalized learning pathways that promote adaptability to emergent social and technological changes.

Design and launch ASU Health as a comprehensive cluster of teaching, learning and discovery health systems for the enhancement of social-scale health outcomes

Design and launch the Health Observatory at ASU.

Design and launch the School of Medicine and Advanced Medical Engineering.

Design and launch the School of Technology for Public Health.

Triple current nursing production and increase our nursing research ten-fold.

Advance the world’s first Global Futures Laboratory

Expand the role of the Julie Ann Wrigley Global Futures Laboratory as a global leader in delivering solutions to planetary-scale challenges.

Build capacity to address urgent planetary challenges with speed, scale and immediate impact.

Design immersive learning spaces rooted in systems-thinking to empower learners to tackle complex, global challenges.

Partner with private-sector leaders to create workforces that align with the demands and opportunities of a sustainable global economy.

Develop regional Global Futures Laboratory hubs to amplify global reach and local impact, ensuring solutions are globally informed and locally actionable.

A New American University

Arizona State University exemplifies a new prototype for the American public research university.

More than a decade ago, ASU set forth a new and ambitious trajectory to become a comprehensive knowledge enterprise dedicated to the simultaneous pursuit of excellence, broad access to quality education, and meaningful societal impact. From that point forward, and founded on a vision for a new "gold standard", all of its energy, creativity and manpower have been brought to bear on the design of a uniquely adaptive and transdisciplinary university committed to producing master learners.

Learn more [3]

Nine design aspirations

Nine design aspirations guide ASU's ongoing evolution as a New American University. ASU integrates these institutional objectives in innovative ways to demonstrate excellence, access and impact.

Leverage our place
ASU embraces its culture, socioeconomic and physical setting.

Transform society
ASU catalyzes social change by being connected to social needs.

Value entrepreneurship
ASU uses its knowledge and encourages innovation.

Conduct use-inspired research
ASU research has purpose and impact.

Enable student success
ASU is committed to the success of each unique student.

Fuse intellectual disciplines
ASU creates knowledge by transcending academic disciplines.

Be socially embedded
ASU connects with communities through mutually beneficial partnerships.

Engage globally
ASU engages with people and issues locally, nationally and internationally.

Practice principled innovation
ASU places character and values at the center of decisions and actions.

Source URL: https://president.asu.edu/asu-mission-and-goals#asu-charter

Links:
[1] https://president.asu.edu/sites/default/files/2025-04/ASU_Charter_brochure_digital_MAR_2025.pdf
[2] https://www.youtube.com/watch?v=lUFjaWRQnDw
[3] https://newamericanuniversity.asu.edu/

Ideas and issues

Under President Crow's leadership, ASU pursues a broadly-scoped and ambitious trajectory to create meaningful change in the lives of its students and the communities it serves.

Excellence
ASU demonstrates that comprehensive excellence and broad access can coexist and thrive in one institution.

Learn more [1]

Access
ASU is dedicated to providing all learners with accessible and valuable pathways to knowledge, and preparing universal learners capable of lifelong adaptation.

Learn more [2]

Student success
ASU is advancing a student-centric, adaptive design that is nimble and responsive to the needs of learners and the imaginations of faculty and leadership.

Learn more [3]

University design
ASU embraces a design mindset focused on relevance, perpetual innovation, outcomes, and creative collaboration that promotes effective solutions.

Learn more [4]

Sustainability
Sustainability is a guiding principle at ASU, which drives the development of education, discovery and practices that empower individuals to create a sustainable world.

Learn more [5]

Social embeddedness
ASU listens and advances solutions by fostering meaningful partnerships with individuals and organizations across the community who share our vision.

Learn more [6]

Global engagement
Global engagement is a core design aspiration that inspires ASU's innovative international alliances and expands the scope of our education and discovery programs.

Learn more [7]

Science policy
ASU is committed to the pursuit of use-inspired, world-class research capable of having meaningful social impact.

Learn more [8]

Inclusive Excellence
ASU is committed to inclusion -- ethnic, intellectual, socioeconomic and cultural -- and advancing knowledge that reflects the deepest possible grasp of broad perspectives.

Learn more [9]

Source URL: https://president.asu.edu/ideas-and-issues

Links:
[1] https://president.asu.edu/ideas-and-issues/excellence
[2] https://president.asu.edu/ideas-and-issues/access
[3] https://president.asu.edu/ideas-and-issues/student-success
[4] https://president.asu.edu/ideas-and-issues/university-design
[5] https://president.asu.edu/ideas-and-issues/sustainability
[6] https://president.asu.edu/ideas-and-issues/social-embeddedness
[7] https://president.asu.edu/ideas-and-issues/global-engagement
[8] https://president.asu.edu/ideas-and-issues/science-policy
[9] https://president.asu.edu/ideas-and-issues/inclusive-excellence

ASU leadership

Internationally acclaimed authorities in their fields, members of the Arizona State University leadership team continue to redefine higher education and the critical role it plays in our global future. Guiding the university's vision is Michael M. Crow, who has earned worldwide recognition for his transformative leadership from such news journals as Time magazine, U.S. News & World Report, The New York Times, The Washington Post, The Wall Street Journal, Christian Science Monitor and more.

Arizona Board of Regents

The **Arizona Board of Regents** [1] is a 12-member board created under the Arizona Constitution as the governing body for the State of Arizona's public university system, which includes Arizona State University [2], Northern Arizona University and the University of Arizona.

Executive administration

President and CEO
Michael M. Crow [3]
President, Arizona State University
CEO, ASU Public Enterprise

ASU Academic Enterprise

Nancy Gonzales [4]
Executive vice president and university provost
Academic Enterprise leadership team [5]

ASU Health

Sherine Gabriel [6]
Executive vice president
ASU Health leadership team [7]

ASU Knowledge Enterprise

Sally Morton [8]
Executive vice president
Knowledge Enterprise leadership team [9]

ASU Public Enterprise, business and finance

Morgan R. Olsen [10]
Executive vice president, treasurer and chief financial officer
Business and finance leadership team [11]

ASU Public Enterprise, operations

Chris Howard [12]
Executive vice president and chief operating officer
Operations leadership team [13]

Alumni

Christine K. Wilkinson [14]
Senior vice president and Secretary of the University, President and CEO, ASU Alumni Association
Alumni leadership team [15]

Educational Outreach and Student Services

James Rund [16]
Senior vice president
Educational Outreach and Student Services leadership team [17]

General Counsel

Lisa Loo [18]
Senior vice president and general counsel
Office of General Counsel leadership team [19]

Liberal Arts and Sciences, The College of

Patrick Kenney [20]
Executive vice provost ASU Academic Enterprise and dean

University Affairs

James O'Brien [21]
Senior vice president and chief of staff
Office of University Affairs [22]

Deans

ASU Libraries

James O'Donnell [23]
University librarian

ASU School of Medicine and Advanced Medical Engineering

Sarah Hollingsworth Lisanby [24]
Founding dean

Barrett, The Honors College

Tara Williams [25]
Dean

Business, W. P. Carey School of

Ohad Kadan [26]
Dean

California College of ASU

Alanka Brown [27]
Dean

Design and the Arts, Herberger Institute for

Reneé Cheng [28]
Senior vice provost and dean

EdPlus

Philip Regier [29]
University dean for educational initiatives and CEO

Emeritus College

Myles Lynk [30]
Dean

Engineering, Ira A. Fulton Schools of

Kyle Squires [31]
Senior vice provost and dean

Global Futures, College of

Miki Kittilson [32]
Dean

Graduate College

Elizabeth Wentz [33]
Vice provost and dean

Health Solutions, College of

Michael Yudell [34]
Dean

Integrative Sciences and Arts, College of

Joanna Grabski [35]
Dean

Journalism and Mass Communication, Walter Cronkite School of

Battinto Batts Jr. [36]
Dean

Law, Sandra Day O'Connor College of

Stacy Leeds [37]
Dean

Liberal Arts and Science, College of

Kenro Kusumi [38]
Senior vice provost and dean

Liberal Arts and Sciences (Humanities), The College of

Jeffrey Cohen [39]
Dean

Liberal Arts and Sciences (Natural Sciences), The College of

Daniel Cox [40]
Dean

Liberal Arts and Sciences (Social Sciences), The College of

Magda Hinojosa [41]
Dean

Nursing and Health Innovation, Edson College of

Judith Karshmer [43]
Dean

Teaching and Learning Innovation, Mary Lou Fulton College for

Carole Basile [45]
Dean

University College

Sukhwant Jhaj [47]
Vice provost and dean

New College of Interdisciplinary Arts and Sciences

Todd Sandrin [42]
Vice provost and dean

Public Service and Community Solutions, Watts College of

Cynthia Lietz [44]
Dean

Thunderbird School of Global Management

Charla Griffy-Brown [46]
Director general and dean

Source URL: https://www.asu.edu/about/leadership

Links:
[1] https://www.azregents.edu/
[2] https://www.asu.edu/
[3] https://search.asu.edu/profile/66195
[4] https://search.asu.edu/profile/10780
[5] https://provost.asu.edu/about/staff
[6] https://search.asu.edu/profile/1111105
[7] https://asuhealth.asu.edu/about
[8] https://search.asu.edu/profile/3855048
[9] https://research.asu.edu/about-us/leadership/
[10] https://search.asu.edu/profile/1292998
[11] https://cfo.asu.edu/business-finance-leadership
[12] https://search.asu.edu/profile/4196079
[13] https://coo.asu.edu/
[14] https://search.asu.edu/profile/107389
[15] https://alumni.asu.edu/leadership
[16] https://search.asu.edu/profile/51883
[17] https://eoss.asu.edu/about-us/eoss-leadership
[18] https://search.asu.edu/profile/61083
[19] https://ogc.asu.edu/Staff
[20] https://search.asu.edu/profile/10848
[21] https://search.asu.edu/profile/646902
[22] https://universityaffairs.asu.edu/university-affairs-leadership-team
[23] https://search.asu.edu/profile/2574844
[24] https://search.asu.edu/profile/5421401
[25] https://search.asu.edu/profile/4432731
[26] https://search.asu.edu/profile/4140757
[27] https://search.asu.edu/profile/5257116

[28] https://search.asu.edu/profile/349914
[29] https://search.asu.edu/profile/10868
[30] https://search.asu.edu/profile/258874
[31] https://search.asu.edu/profile/94222
[32] https://search.asu.edu/profile/306759
[33] https://search.asu.edu/profile/108171
[34] https://search.asu.edu/profile/3856467
[35] https://search.asu.edu/profile/3181533
[36] https://search.asu.edu/profile/3992490
[37] https://search.asu.edu/profile/3529882
[38] https://search.asu.edu/profile/952999
[39] https://search.asu.edu/profile/3269566
[40] https://search.asu.edu/profile/5418363
[41] https://search.asu.edu/profile/1099664
[42] https://search.asu.edu/profile/1300152
[43] https://search.asu.edu/profile/3277047
[44] https://search.asu.edu/profile/302644
[45] https://search.asu.edu/profile/3020355
[46] https://thunderbird.asu.edu/about/people/staff-faculty/charla-griffy-brown
[47] https://search.asu.edu/profile/2951307

History and milestones

On Feb. 8, 1886 — almost 30 years before Arizona was granted statehood — the Territorial Normal School, Arizona's first higher education institution, opened its doors to 33 students in a four-classroom building in Tempe.

From humble beginnings, and through a series of name changes that led to a 1958 vote of the people and a 2-to-1 margin of victory for the advancement of Arizona State College to Arizona State University, ASU's century-plus trajectory has led to its being recognized as the "most innovative" university in the country by U.S. News & World Report — six years in a row.

University milestones timeline

The history of Arizona State University is rich, bold and vibrant. The timeline below reflects an honored tradition of excellence and inclusion while also celebrating the growth and development forged to meet – and make – the future.

1885: Territorial Normal School established

ASU's predecessor is created in 1885 by the Thirteenth Territorial Legislature to train teachers and teach agricultural and mechanical arts. Today, Arizona State University offers high-quality, nationally and internationally recognized programs on four metro Phoenix campuses and at learning centers across the state.

1916: ASU launches business career services

The Department of Commerce first appears in the 1916 course catalog. The commercial employment bureau was specifically created by the Department of Commerce, and was the first unit within ASU to offer career services outside of teaching.

1937: First graduate degree offered

Arizona State Teachers College offers its first graduate degree, a master's in education. Today, ASU's nationally ranked Mary Lou Fulton College for Teaching and Learning Innovation is a leader in teacher education, excelling in both teacher preparation and academic research while creating knowledge, mobilizing people and taking action to improve education.

1945: Arizona State Teachers College becomes Arizona State College

ASC earns authorization to grant bachelor's degrees. Today, ASU offers more than 350 undergraduate degrees and 400-plus graduate degrees across 17 colleges and schools and ASU Online.

1958: The people's choice — Arizona State University

A measure placed on the ballot by citizen initiative recognizes the longstanding efforts to advance the fast-growing college. The measure — Prop 200 — is passed by the state voters by a 2-to-2 margin and results in the college's new moniker: Arizona State University

1984: ASU West campus established

ASU West campus is established by Arizona Legislature as the university's second campus. Located on the western edge of Phoenix, bordering the city of Glendale, today the West campus is home to the New College of Interdisciplinary Arts and Sciences, offers more than 50 undergraduate and graduate degrees across six colleges, and is designated a "Phoenix Point of Pride."

1988: America's first residential honors college

University Honors College at ASU is the first of its kind in the U.S. In 2005, Reader's Digest ranks Barrett, The Honors College as No.1 in the U.S. In 2014, The New York Times recognizes it as "the gold standard" among the country's honors programs.

1994: ASU gains Research I status

The Carnegie Foundation for Advancement of Teaching classifies ASU as a Research I institution. Says ASU President Lattie Coor: "No university in the country has come further, faster than ASU." Today, ASU is recognized by the National Science Foundation as the fastest-growing research university in the U.S., ahead of Harvard, Yale, Duke and others.

1996: ASU Polytechnic campus established

Founded as ASU East, the Polytechnic campus today offers degree programs in interdisciplinary sciences, engineering, management, technology and education, and is home to ASU's aviation programs, including a state-of-the-art flight simulator.

2002: New American University launched

Michael M. Crow becomes the university's 16th president and unveils his vision for a "New American University." Since 2002, ASU has established more than a dozen new transdisciplinary schools and launched large-scale research initiatives and innovative programs in the humanities and social sciences. During Crow's tenure, ASU has nearly quadrupled research expenditures and completed an unprecedented infrastructure expansion.

2005: ASU-Phoenix partner on Downtown Phoenix campus

ASU and the City of Phoenix announce a transformative partnership for the development of the ASU Downtown Phoenix campus, which is approved by a 2-to-1 margin by the city's voters. Opened for classes in 2006, today the campus offers degree programs across seven colleges and schools and is home to the Beus Center for Law and Society.

2012: ASU Colleges at Lake Havasu City opens

ASU creates its Colleges at Lake Havasu City to bring the university's innovative approach to higher education to a location unserved by the state university system.

2014: Thunderbird becomes part of ASU Knowledge Enterprise

The internationally recognized Thunderbird School of Global Management becomes ASU's fifth metro Phoenix campus, combining the strength of a global business-education powerhouse with the resources of the country's most innovative university.

2015: ASU partners with Starbucks, edX for unique degree offerings

Groundbreaking ASU partnerships with Starbucks and edX create unique entry points to an undergraduate degree. ASU unites with edX to create the Global Freshman Academy, a collaboration offering first-year college-level courses for academic credit on the edX platform, dramatically increasing access to higher education for students around the world. With Starbucks, the partnership creates the College Achievement Plan, offering 100-percent tuition coverage for every eligible U.S. Starbucks employee, providing access to and opportunity at a world-class, discovery-oriented university

2016: A top university for graduate employability

ASU earns top-10 recognition as a leading U.S. university for graduate employability, according to Global University Employability Survey 2016. ASU is designated as “top-tier” recruiting university among the country’s top 50 corporations, joining peer institutions like MIT, UC Berkeley, Notre Dame, Purdue and others.

2016: ASU tops U.S. News & World Report list of most innovative schools

ASU is named the most innovative university in the U.S. by U.S. News & World Report. “Most innovative” is a new category for a widely touted set of annual rankings by the news magazine which compares more than 1,500 institutions on a variety of metrics. College presidents, provosts, and admissions deans across the nation nominated up to 10 colleges or universities that are making the most innovative improvements to curriculum, faculty, students, campus life, technology and facilities.

2017: adidas-ASU Global Sport Alliance launches

Combining ASU’s world-class resources with adidas’ global reach, the strategic partnership aims at shaping the future of sport and amplifying athletics’ positive impact on society. Bringing together education, athletics, research and innovation, the Global Sport Alliance will explore topics including diversity, race, sustainability and human potential, all through the lens of sports.

2017: ASU opens young scholars academy

The new home for the Gary K. Herberger Young Scholars Academy at ASU’s West campus offers a state-of-the-art teaching, learning and discovery environment for highly-gifted students in grads 7-12.

2018: ASU expands impact in nation’s capital

The Ambassador Barbara Barrett and Justice Sandra Day O’Connor Washington Center opens, expanding ASU’s presence in Washington, D.C. Located in a historic building just two blocks from the White House, the 32,000-square-foot, eight-story center is the new home to various ASU programs such as the Cronkite News Washington Bureau, the McCain Institute for International Leadership, as well as other think tanks and research facilities.

2018: ASU Uber partnership

Advancing inclusivity and accessibility in higher education, ASU and Uber form a partnership enabling drivers to achieve a degree in entrepreneurship and English language learning with 100% tuition coverage.

2019: Helping heath care companies grow

The Mayo Clinic-ASU MedTech accelerator is established to help companies take their business to the next level. The program offers personalized business development plans to collaborate with Mayo Clinic and ASU, as well as accelerate go-to-market and investment opportunities.

2020: ASU at Mesa City Center breaks ground

ASU breaks ground on ASU at Mesa City Center, a state-of-the-art project that will jump-start the revitalization of downtown Mesa and train students in one of the biggest industries in the United States: media production. The three-story academic building, which is scheduled to open in spring 2022, will offer programs in the Herberger Institute for Design and

the Arts in digital and sensory technology, experiential design, gaming, media arts, film production, and entrepreneurial development and support.

2020: State Farm, ASU announce new learning initiative

ASU prepares learners of all ages to succeed in a transformed workplace thanks to a $30 million gift from State Farm. The funding will drive the new State Farm Pathways for the Future workforce-development initiative providing new programs and scholarships to high school and community college students as well as adults in the workforce seeking to update their skills.

2020: ASU introduces fully interactive remote learning modality

To create a seamless, socially responsible classroom experience for the fall 2020 semester, the university rolls out ASU Sync, a technology enhanced, fully interactive remote learning modality that provides in-person instruction for some students, while others interact virtually. By reimagining the learning experience, ASU keeps students fully engaged wherever they are amidst the COVID-19 pandemic.

2023: ASU expands footprint in Los Angeles

ASU adds the ASU California Center Grand building, home to ASU FIDM, the university's fashion program. ASU also welcomes a new independent affiliate college, California College of ASU, offering liberal arts degrees in filmmaking, digital media and fashion.

Source URL: https://www.asu.edu/about/university-history-and-milestones

Inclusive excellence

Inclusion at ASU

A promise to whom we include and how they succeed

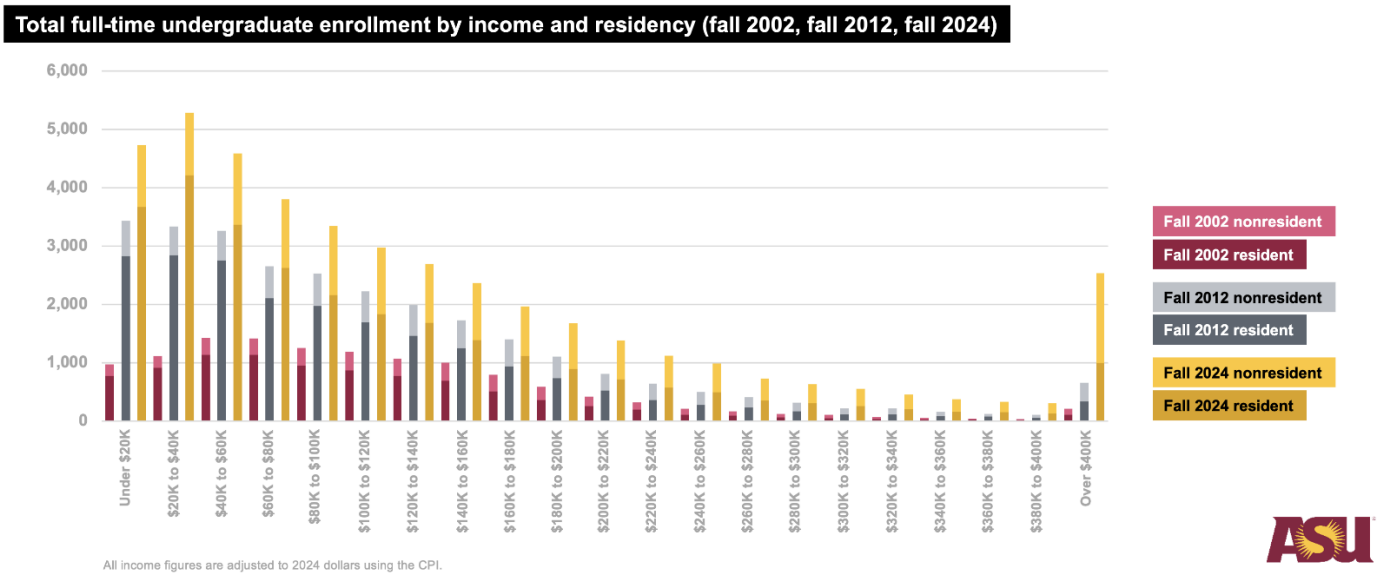
Embracing our community

Inclusive excellence is a term that reflects Arizona State University's commitment to admitting all students who are qualified to attend the university under the university's admission standards [1] without regard to their race, sex, color, ethnicity or national origin. And, all ASU students and employees are welcome to participate in all ASU programs, groups, and organizations.

The university provides those students with an education at the highest levels of excellence [2] through a faculty of distinguished scholars [3]. Doing so has resulted in the recent invitation for ASU to join the American Association of Universities (AAU) [4] with a student body of more than 80,000 students on ASU's four campuses.

ASU is increasingly accessible to low-income students

Engage learners of all socioeconomic, geographic and demographic backgrounds



A New American University

ASU Charter video on Youtube [5]

A new model [6] for the American research university, creating an institution committed to excellence, access and impact where learning is for everyone [7]. ASU catalyzes human potential, entrepreneurship and research to address society's biggest challenges.

ASU Charter [8]

ASU engages learners of all backgrounds

Hispanic Serving Institution designation

ASU is a proud Hispanic Serving Institution committed to the access, support, and success of Hispanic students and scholars.

Pathways to opportunity [9]

Quick facts

#1 public university in the U.S. chosen by international students
ASU is ranked the top public university in the U.S., and in the top five nationally, chosen by international students, according to the 2022 Institute of International Education Open Doors Report. During the 2021-22 academic year, ASU was home to more than 15,293 international students from more than 158 countries.

Learn more [10]

Top producer of Fulbright awards for 11 consecutive years
In 2021, ASU was one of only 10 universities that were top producers of Fulbright awards for both students and faculty, along with New York University, the University of Michigan, The Ohio State University and the University of Pennsylvania.

Learn more [11]

ASU named 2022 HSI leader by Fulbright program
The State Department Bureau of Educational and Cultural Affairs announced ASU as one of 43 Fulbright Hispanic-Serving Institutions Leaders, from over 400 HSIs nationwide. This honor as a 2022 Fulbright HSI's Institutional Leader recognizes the university's dedication to promoting global engagement and mutual understanding among people and nations.

Learn more [12]

Indigenous land acknowledgement

Arizona State University acknowledges the twenty-three Native Nations that have inhabited this land for centuries. ASU's four campuses are located in the Salt River Valley on ancestral territories of Indigenous peoples, including the Akimel O'odham (Pima) and Pee Posh (Maricopa) Indian Communities, whose care and keeping of these lands allows us to be here today. ASU acknowledges the sovereignty of these nations and seeks to foster an environment of success and possibility for Native American students and patrons. ASU welcomes members of the Akimel O'odham and Pee Posh, and all Native nations to ASU.

Source URL: https://inclusion.asu.edu/

Links:
[1] https://admission.asu.edu/apply/first-year/admission#:~:text=To%20be%20admitted%20to%20ASU%2C%20you%20will%20need%20one%20of,SAT%3A%201120%20(1180%20nonresidents)
[2] https://www.asu.edu/about/rankings
[3] https://www.asu.edu/academics/faculty-excellence/highly-prestigious-awards
[4] https://news.asu.edu/20230601-university-news-asu-joins-prestigious-association-american-universities
[5] https://www.youtube.com/watch?v=lUFjaWRQnDw
[6] https://www.asu.edu/about
[7] https://www.youtube.com/watch?v=lUFjaWRQnDw&t=3s
[8] https://newamericanuniversity.asu.edu/about/asu-charter-mission-and-goals

[9] https://inclusion.asu.edu/hispanic-success
[10] https://news.asu.edu/20221114-global-engagement-asu-no-1-public-university-us-hosting-international-students
[11] https://news.asu.edu/20210218-university-news-asu-top-producer-fulbright-awards-both-students-faculty
[12] https://news.asu.edu/20221013-global-engagement-asu-named-2022-hsi-leader-fulbright-program

President Crow's statement to tribes

Arizona State University is located in Indian Country; there are 22 tribal nations in Arizona. The Tempe campus sits on the ancestral homelands of those American Indian tribes that have inhabited this place for centuries, including the Akimel O'odham (Pima) and Pee Posh (Maricopa) peoples.

In keeping with the design aspirations of the New American University, ASU seeks to embrace our place, connect with tribal communities, and enable the success of each American Indian student. We reaffirm the university's commitment to these goals and acknowledge that everyone, the entire ASU community, is responsible for their achievement.

ASU continues to develop an impressive cohort of scholars engaged in American Indian cultural, social, educational, legal, and economic issues. We have built world-class programs in American Indian Studies, American Indian Legal Studies, and Indigenous conceptions of justice. Our work, however, is not complete. We must further enhance our capacity to leverage place, transform society, conduct use-inspired research, enable student success, work across disciplines, integrate Indigenous knowledge and engage Indigenous issues globally. We are committed to providing access, retaining and graduating American Indian students in a climate that is welcoming and respectful of their languages and cultures. Foundational to these goals, we commit to creating an environment of success and possibility for American Indian students at ASU.

We are dedicated to supporting tribal nations in achieving futures of their own making. We will partner with tribal nations to: address the ravages of paternalism; improve educational achievement of American Indian children, youth, and adults; create innovative and appropriate use and development of natural resources; conceptualize and implement responses to physical and mental health challenges; and build and strengthen leadership capacities to address challenges for Native nations in the 21st Century and beyond. And we will enhance and foster an environment of success and unlimited possibilities for American Indians at ASU.

This work acknowledges our indisputable recognition of place and reinforces our mission as the New American University.

Michael M. Crow
President
Arizona State University
August 31, 2015

Source URL: https://americanindianaffairs.asu.edu/tribal-relations/president-crows-statement-to-tribes

Academic accreditation

Arizona Board of Regents

Promise to Arizona

The board’s promise to Arizona

Increase postsecondary access and attainment for Arizona students; to seek solutions to societal challenges; and to do both while increasing quality, affordability and efficiency.

Mission

The Arizona Board of Regents is committed to ensuring access for qualified residents of Arizona to undergraduate and graduate institutions; promoting the discovery, application and dissemination of new knowledge; extending the benefits of university activities to Arizona’s citizens outside the university; and maximizing the benefits derived from the state’s investment in education.

Vision

The Arizona Board of Regents seeks to provide leadership and a unifying voice on key higher education issues and to influence public policy through advocacy and initiatives founded upon evidence-based research. Synergies from a unified higher education system will provide access and the highest quality education to Arizona's citizens.

The Arizona public universities provide bachelor's level and higher public education, advance human knowledge through scholarly research and creative expression, and serve key roles as major partners in statewide economic development and community advancement.

History

In 1864, the first Territorial Legislature authorized the establishment of the University of Arizona and provided for the management, direction, governance and control by a Board of Regents. The state colleges, one in Tempe and one in Flagstaff, were governed by a three-member State Board of Education that included the superintendent of public instruction and two members appointed by the governor.

In March of 1945, the governor signed House Bill 136 uniting the governing boards of the university and state colleges of Arizona. The authority of the Board of Regents expanded to include the Arizona State Teachers College at Tempe (since 1958 Arizona State University), and Arizona State Teachers College at Flagstaff (since 1966 Northern Arizona University).

Source URL: https://www.azregents.edu/about/promise-arizona

Regents

The Arizona Board of Regents is the governing board for the state’s public universities: Arizona State University, Northern Arizona University and the University of Arizona. The board provides policy guidance in such areas as: academic and student affairs; financial and human resource programs; student tuition, fees and financial aid programs; university capital development plans; strategic plans; legal affairs; and public and constituent outreach.

The board consists of twelve members, eleven voting and one non-voting. This includes the governor and superintendent of public instruction as ex-officio members, each serving while they hold office, and two student regents.

Except for ex-officio members and student regents, and as noted, the term of a regent is eight years. As regents finish their terms, new regents are appointed by the governor and confirmed by the Senate.

Doug Goodyear [1] Chair	Jessica Pacheco [2] Chair Elect	Gregg Brewster [3] Secretary	Cecilia Mata [4] Treasurer
Fred DuVal [5] Regent	Larry Edward Penley [6] Regent	Lee Stein [7] Regent	Jadyn Fisher [8] Student Regent, Assistant Treasurer
Felipe Garcia [9] Student Regent	Katie Hobbs [10] Governor	Tom Horne [11] Superintendent of Public Instruction	

Source URL: https://www.azregents.edu/about/leadership/board-members

Links:
[1] https://www.azregents.edu/node/728
[2] https://www.azregents.edu/node/725
[3] https://www.azregents.edu/node/727
[4] https://www.azregents.edu/node/724
[5] https://www.azregents.edu/node/722
[6] https://www.azregents.edu/node/718
[7] https://www.azregents.edu/node/2140
[8] https://www.azregents.edu/node/2102
[9] https://www.azregents.edu/node/2385
[10] https://www.azregents.edu/node/1393
[11] https://www.azregents.edu/node/1392

University Program Review and Accreditation Office

Welcome to the University Program Review and Accreditation (UPRA) Office

The University Program Review and Accreditation Office is housed within the Office of the University Provost, and is responsible for ensuring the quality education provided at Arizona State University. We do this through a few branches of work which are outlined below. Please visit our individual web pages to get a more detailed overview of each section.

Verify status here [1].

All Arizona State University academic programs are fully accredited by the Higher Learning Commission.

Liaison to the Higher Learning Commission (HLC)

The UPRA Office monitors institutional compliance with Higher Learning Commission HLC [2] policies and assumed practices and coordinates the institutional reviews for continuing accreditation by the HLC. UPRA also facilitates HLC approval of program and/or institutional changes when required.

Specialized accreditation oversight

The UPRA Office works closely with academic units and programs that seek new accreditation or seek re-accreditation [3] from external governing bodies. These accreditations ensure our programs adhere to industry and national standards. Our oversight includes coordinating meetings between site visitors and university administrators, reviewing self-studies and briefing papers, collecting site visitor reports and responses to the report, as well as acting as the repository for all accreditation documents.

Academic program review oversight

The Arizona Board of Regents (2-208) requires academic program reviews [4] at least once every seven years. Periodic program reviews provide a mechanism for faculty to evaluate the effectiveness, progress and status of their academic

programs on a continuous basis. The UPRA Office is responsible for oversight of program reviews. Our office coordinates the academic program review process, which covers all program inventory of an academic unit including undergraduate and graduate programs as well as other curricular and co-curricular offerings. The reviews include a review of faculty contributions to the unit, facilities and resources, attention to missions, and many other aspects of the unit to ensure continuous quality improvement.

Centers and institutes oversight

Arizona State University is home to various centers and institutes [5] that blend the passions of exceptional teachers and scholars across disciplines. Our centers and institutes address large, complex problems and challenges facing society in hopes of finding solutions and making the world a better place. University Program Review and Accreditation Office provides review oversight for these centers and institutes.

Source URL: https://provost.asu.edu/upra

Links:
[1] https://www.hlcommission.org/mark-of-accreditation-status-verification?104108099+118097108105100097116105111110+108111103111046112110103+104116116112115058047047112114111118111115116046097115117046101100117047&UGxEQk3X8u80qdqfdWHqzSO3iuZO2NztTROJ5Vuon7A%3d
[2] https://provost.asu.edu/hlc
[3] https://provost.asu.edu/accreditation/programs-specialized-accreditation
[4] https://provost.asu.edu/upra/academic-program-review
[5] https://www.asu.edu/academics/centers-and-institutes

Academic program review

Academic Program Review is part of the University Program Review and Accreditation Office. [1]

Purpose and guiding principles

The Arizona Board of Regents (2-208) requires Academic Program Reviews at least once every seven years. Periodic program reviews provide a mechanism for faculty to evaluate the effectiveness, progress and status of their academic programs on a continuous basis. At Arizona State University, the Executive Director for the University Program Review and Accreditation (UPRA) Office also serves as the Accreditation Liaison Officer (ALO) for ASU with the Higher Learning Commission. The UPRA Office in the Office of the University Provost coordinates the Academic Program Review process, which covers all program inventory of an academic unit including undergraduate and graduate programs as well as other curricular offerings housed within the unit under review.

The program review process is intended to provide a comprehensive assessment of the current status of an academic unit based on its programs, activities and achievements since its last program review while also providing the unit the opportunity to think strategically regarding its curricular offerings and its future direction. In doing so, the unit provides comparisons with its peers, identifies strengths and weaknesses in its curricula and pedagogy; assesses student quality and learning outcomes; provides an account of faculty contributions in teaching, research/creative activities, and service; assesses resource availability and needs; and summarizes special features or services provided by the unit. Finally, and perhaps most importantly, the program review should allow the unit, in conjunction with the university, to plan to build on existing strengths, maximize opportunities for growth and innovatively problem solve.

APR for units with specialized accreditation

Arizona Board of Regents Policy allows specialized accreditation reports to substitute for an APR, although expectations are that areas missed in the specialized review are addressed separately. For example, ABET reviews only undergraduate engineering programs, so the UPRA Office also gathers a review of graduate programs using a modified self-study template (see the example from the School of Electrical, Computer and Energy Engineering) [2].

The APR process allows the unit to evaluate thoroughly and candidly:

- The mission and goals of the program and it's relation to those of the university.
- Its future direction and strategic initiatives.
- The reputation of the program among peers in the discipline.
- The educational objectives, curriculum, and student learning outcomes of undergraduate and graduate programs.
- The quality of teaching and retention and graduation rates for undergraduate and graduate students.
- The quality and diversity of faculty and staff (including retention rates for underrepresented faculty) and their contributions to program mission and goals.
- Resources (e.g., laboratories, physical facilities)
- Readiness for accreditation, if appropriate.

The guiding principles for the APR process include:

- The process should be broadly participatory involving faculty, students, staff administrators, and relevant community constituents.
- The APR should provide a framework for excellence; an opportunity to explore, enhance, and integrate student learning and faculty teaching, service and scholarly efforts into the unit's mission and goals.
- The process should facilitate short-term and long-term strategic planning in areas such as curricula development, resource allocation (e.g., financial, physical), faculty/staff hiring/workload and research foci.
- The APR provides the opportunity for the university to account for its use of public resources and facilitate relationships with its various constituencies.

Those directly responsible for the APR process should familiarize themselves with all parts of the manual [3] along with the related checklists and appendices [4].

Source URL: https://provost.asu.edu/upra/academic-program-review

Links:
[1] https://provost.asu.edu/upra
[2] https://provost.asu.edu/sites/default/files/page/2268/ecee-self-study-2021-22-final.pdf
[3] https://provost.asu.edu/upra/academic-program-review/manual
[4] https://provost.asu.edu/upra/academic-program-review/appendices

Programs with specialized accreditation

Arizona State University programs with specialized accreditation are listed by academic unit.

College of Health Solutions

Accredited programs	Accrediting agencies
BS, Dietetics MS, Nutritional Science with ACEND-Accredited Dietetic Internship	Accreditation Council for Education in Nutrition and Dietetics (ACEND)
MS, Genetic Counseling	Accreditation Council for Genetic Counseling (ACGC)
AuD, Audiology MS, Communication Disorders	Council on Academic Accreditation

BAS, Applied Science	National Accrediting Agency for Clinical Laboratory Sciences
BS, Clinical Exercise Science MS, Clinical Exercise Physiology	Commission on Accreditation of Allied Health Education Programs (CAAHEP) – CoAES Accreditation

College of Integrative Sciences and Arts

Accredited programs	**Accrediting agencies**
PhD, Counseling Psychology	American Psychological Association (APA)

Edson College of Nursing and Health Innovation

Accredited programs	**Accrediting agencies**
BSN, Nursing DNP, Advanced Nursing Practice MS, Nursing	Arizona State Board of Nursing Commission on Collegiate Nursing Education (CCNE) 655 K Street, NW Washington D.C. 20001 Phone: 202-887-6791
MS, Clinical Research Management	Commission on Accreditation of Allied Health Education Programs

Herberger Institute for Design and the Arts

School of Music

Accredited programs	Accrediting agencies
BMUS, Music Therapy MM, Music Therapy	American Music Therapy Association (AMTA)

BA, Music BMUS, Music Education BMUS, Music Therapy BMUS, Performance BMUS, Theory & Composition DMA, Music MA, Music MM, Composition MM, Music Education MM, Music Therapy MM, Performance PhD, Music	National Association of Schools of Music (NASM)

The Design School

Accredited programs	Accrediting agencies
BSLA, Landscape Architecture MLA, Landscape Architecture	Landscape Architectural Accreditation Board (LAAB)
MArch, Architecture	National Architectural Accrediting Board (NAAB)
BSD, Graphic Design BSD, Industrial Design MID, Industrial Design MVCD, Visual Communication Design	National Association of Schools of Art and Design (NASAD)
BSD, Interior Design MIA, Interior Architecture	Council for Interior Design Accreditation (CIDA)

Ira A. Fulton Schools of Engineering

Accredited programs	Accrediting agencies
BS, Graphic Information Technology	Accrediting Council for Collegiate Graphic Communications, Inc. (ACCGC)
BS, Construction Management & Technology	American Council for Construction Education (ACCE) Applied and Natural Science Accreditation Commission of ABET (ANSAC)
BS, Aeronautical Management Technology BS, Air Traffic Management	Aviation Accreditation Board International (AABI)
BS, Computer Science BS, Information Technology	Computing Accreditation Commission of ABET
BS, Manufacturing Engineering BS, Software Engineering BSE, Aerospace Engineering BSE, Biomedical Engineering BSE, Construction Engineering BSE, Chemical Engineering BSE, Civil Engineering BSE, Computer Systems Engineering BSE, Electrical Engineering BSE, Engineering BSE, Engineering Management BSE, Environmental Engineering BSE, Industrial Engineering BSE, Materials Science & Engineering BSE, Mechanical Engineering	Engineering Accreditation Commission of ABET

Sandra Day O'Connor College of Law

Accredited programs	Accrediting agencies
JD, Law	American Bar Association (ABA)

The College of Liberal Arts and Sciences

Department of Psychology

Accredited programs	Accrediting agencies
PhD, Psychology (clinical training)	American Psychological Association (APA)
PhD, Psychology (clinical training)	Psychological Clinical Science Accreditation System (PCSAS)

School of Geographical Sciences and Urban Planning

Accredited programs	Accrediting agencies
MUEP, Urban & Environmental Planning	Planning Accreditation Board (PAB)

School of Mathematical and Statistical Sciences

Accredited programs	Accrediting agencies
BS, Actuarial Science	Society of Actuaries

School of Molecular Sciences

Accredited programs	Accrediting agencies
BS, Chemistry	American Chemical Society

Thunderbird School of Global Management

Accredited programs	Accrediting agencies
BGM, Global Management BS, International Trade MA, Global Affairs & Management MALM, Applied Leadership & Management MGM, Global Management	American Association of Colleges and Schools of Business (AACSB) International

Walter Cronkite School of Journalism and Mass Communication

Accredited programs	Accrediting agencies
BA, Journalism & Mass Communication BA, Sports Journalism MA, Investigative Journalism MA, Sports Journalism MCC, Mass Communication	Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)

Watts College of Public Service and Community Solutions

Accredited programs	Accrediting agencies
BS, Parks & Recreation Management BS, Recreation Therapy	Council on Accreditation for, Parks, Recreation, Tourism and Related Professions (COAPRT)
BS, Nonprofit Leadership & Management Master of Nonprofit Leadership & Management	Nonprofit Academic Centers Council (NACC)

School of Public Affairs

Accredited programs	Accrediting agencies
MPA, Public Administration	Network of Schools of Public Policy, Affairs, and Administration (NASPAA)

School of Social Work

Accredited programs	Accrediting agencies
BSW, Social Work MSW, Social Work	Council of Social Work Education (CSWE) Commission on Accreditation (COA)

W. P. Carey School of Business

Accredited programs	Accrediting agencies
BA, Business BS, Accountancy BS, Business Administration BS, Business Data Analytics BS, Business Entrepreneurship BS, Computer Information Systems BS, Economics BS, Finance BS, Management BS, Marketing BS, Supply Chain Management DBA, Global Financial Management MACC, Accountancy MBA, Business Administration MHSM, Health Sector Management MRED, Real Estate Development MS, Business Analytics MS, Economics MS, Finance MS, Global Logistics MS, Information Systems Management MS, Management MS, Supply Chain Management MS, Supply Chain Management & Engineering MSP, Business Administration MTAX, Taxation PhD, Business Administration PhD, Economics	Association to Advance Collegiate Schools of Business (AACSB International)

Source URL: https://provost.asu.edu/accreditation/programs-specialized-accreditation

Statement of Accreditation Status

as of August 25, 2025

Arizona State University

P.O. Box 877705
Tempe, AZ 85287-7705
(480) 965-2100
https://www.asu.edu

**Previous names: Institution name changed from Arizona State Teachers College to Arizona State College at Tempe. (1945); Institution name changed from Arizona State College at Tempe to Arizona State University. (1959)*

The information on this page describes the accreditation relationship between this institution and the Higher Learning Commission (HLC). General information about HLC and the accreditation process is provided at the end of this document.

Accreditation Information

Current status: Accredited

- Action Letter – Reaffirmation of Accreditation

Status	Dates
Accredited	01/01/1931 - Present

Most recent reaffirmation of accreditation: 2022 - 2023

Next reaffirmation of accreditation: 2032 - 2033

Upcoming or In-Progress Reviews

Date	Event	Description
06/14/2027	Assurance Review	
2032 - 2033	Comprehensive Evaluation	

Most Recent History With HLC

Note: This list does not include all accreditation activities.

Date	Event	Outcome
08/11/2025	Substantive Change Request - Educational Program	Request Approved
07/16/2024	Substantive Change Request - Change in Clock or Credit Hours	Request Approved
04/30/2024	Substantive Change Request - Change in Clock or Credit Hours	Request Approved
04/30/2024	Substantive Change Request - Change in Clock or Credit Hours	Request Approved
07/17/2023	Comprehensive Evaluation	Reaffirm Accreditation

Date	Event	Outcome
08/30/2021	Substantive Change Request - Change in Clock or Credit Hours	Request Approved
02/19/2021	Substantive Change Request - Educational Program	Request Approved
02/19/2021	Substantive Change Request - Educational Program	Request Approved
02/19/2021	Substantive Change Request - Educational Program	Request Approved
09/27/2017	Assurance Review	Review Completed
09/11/2017	Substantive Change Request - Additional Location	Request Approved
07/27/2015	Focused Visit	Accepted
09/25/2013	Reaffirmation of Accreditation	

Student Success Outcomes

Student outcome information, including graduation rates and other measures, is available on the institution's website and the U.S. Department of Education's College Navigator and, for institutions that enroll undergraduate students, College Scorecard.

- Arizona State University Student Achievement Data
- College Scorecard: Arizona State University
- College Navigator: Arizona State University

Note: The College Navigator and College Scorecard links will take you to information about the institution's main campus. Some colleges or universities may report separate information on these websites for certain

divisions or branch campuses. Search these sites to find this additional information.

Institutional Characteristics

Please note: All institutions are required to represent themselves accurately and consistently to multiple agencies. Information about the institution that is published by other agencies may appear differently, depending on the timing of the institution's updates to those agencies or those agencies' definitions or standards. For example, an institution's control may be categorized differently by the U.S. Department of Education for other purposes under its standards.

Control

Public

Educational Programs Offered

- Associate's
- Bachelor's
- Master's
- Doctoral
- Certificate Programs

Campuses and Additional Locations

Approved Campuses and Additional Locations

The institution's accreditation includes courses and programs offered at the campuses and additional locations listed below. This list includes campuses and locations that are active and inactive (i.e., not currently enrolling students).

Last updated: 08/13/2025

Main Campus

P.O. Box 877705, Tempe, AZ 85287-7705

In-State

Branch Campuses

None

Additional Locations

Arizona Western College - 2020 South Avenue 8 East, Yuma, AZ, 85365
ASU at Mesa City Center - 50 Centennial Way, Mesa, AZ, 85201
ASU at the Polytechnic Campus - 7001 E. Williams Field Road, Mesa, AZ, 85212
ASU at the Downtown Phoenix Campus - 411 N. Central Ave, Phoenix, AZ, 85004-0685
ASU West Valley - 4701 W. Thunderbird Road, Glendale, AZ, 85306
ASU@Northeastern Arizona - Northland Pioneer Community College 1001 W Deuce of Clubs, Show Low, AZ, 85901
Central Arizona College - 8470 N. Overfield Road, Coolidge, AZ, 85228
Eastern Arizona College - 615 N Stadium Avenue, Thatcher, AZ, 85552
Foundation for Blind Children - 1234 E. Northern Avenue, Phoenix, AZ, 85020
Health Futures Center - 6161 E. Mayo Blvd, Phoenix, AZ, 85054
Lake Havasu - 98 Swanson Plaza, Lake Havasu City, AZ, 86043
Mayo Clinic Hospital - 5777 East Mayo Boulevard, Phoenix, AZ, 85054
Mesa Public Schools Administrative Services Center - 63 E. Main Street, Mesa, AZ, 85201
Mesa Public Schools Curriculum Services Center - 549 N. Stapley Drive, Mesa, AZ, 85203
Phoenix College (Phoenix Metro Area) - 1202 West Thomas Road, Phoenix, AZ, 85013
Pima Community College – Northwest Campus - 7600 N. Shannon Rd., Tucson, AZ, 85709-7330
Pima Community College – West Campus - 2202 West Anklam Road, Tucson, AZ, 85709-0001
Red Mountain Campus (Mesa CC) - 7110 E. McKellips Road, Mesa, AZ, 85215
SkySong - 1475 N Scottsdale Road, Scottsdale, AZ, 85257-3538

Sonoran Sky Elementary (Pendergast PDS Site) - 10150 W. Missouri Avenue, Glendale, AZ, 85301
Tucson - 340 N. Commerce Park Loop, Tucson, AZ, 85745

Out-of-State

Branch Campuses

None

Additional Locations

ASU California Center – Broadway - 1111 S. Broadway Street, Los Angeles, CA, 90015
ASU California Center – Grand - 919 S. Grand Avenue, Suite 220D, Los Angeles, CA, 90015
Washington Center - 1800 I Street NW, Washington, DC, 20006

International

Branch Campuses

None

Additional Locations

Hainan University - 58 Renmin Ave. Meilan District, Haikou Hainan Province, China
Shanghai - 200 Panlong Road, Qingpu District, Shanghai, China
Shanghai Advanced Institute of Finance - 211 West Huaihai Road, Shanghai, China

HLC's Notification Program for Additional Locations

Institutions that meet certain eligibility criteria may apply to participate in HLC's Notification Program for Additional Locations. This program allows institutions to open new locations after notifying HLC and receiving confirmation that the location has been added to our records, rather than applying for approval through the standard substantive change process.

Participation Status

The institution participates in the Notification Program for Additional Locations.

About HLC and Accreditation

HLC is an institutional accreditation agency that accredits degree-granting colleges and universities that are based in the United States.

Institutional accreditation validates the quality of an institution as a whole and evaluates multiple aspects of an institution, including its academic offerings, governance and administration, mission, finances, and resources. HLC's accreditation includes all degree levels as well as on-site and online course delivery. Institutions of higher education in the United States may also seek accreditation through specialized or programmatic accreditation agencies, which accredit programs, departments or schools within a college or university.

Evaluation Process

Institutions that HLC accredits are evaluated against its Criteria for Accreditation and other HLC requirements. HLC accreditation assures quality by verifying that an institution (1) meets threshold requirements and (2) is engaged in continuous improvement. In addition, all institutions are required to report data annually in the Institutional Update, undergo annual monitoring of financial and non-financial indicators, and adhere to HLC policies and practices.

The accreditation process is based on a system of peer review. Faculty and staff from institutions of higher education serve as HLC peer reviewers conducting accreditation evaluations for other institutions. They make recommendations to HLC's decision-making bodies, which take final action on institutional evaluations.

Decision Making

HLC's decision-making bodies evaluate and make decisions, called actions, on recommendations from peer reviewers and staff that review institutions for their compliance with HLC's Criteria for Accreditation and other requirements. The decision-making bodies are comprised of institutional representatives and public members. See Decision-Making Bodies and Processes for more information.

Public Information

HLC is committed to providing information to the public regarding accreditation decisions made regarding individual institutions.

Actions that are taken by HLC regarding an institution's accreditation status are disclosed to the public. In cases of reaffirming continued accreditation, placing an institution on or reviewing a sanction, or withdrawing accreditation, the Action Letter issued to the institution is made available on the institution's Statement of Accreditation Status, found by searching the institution's name through HLC's online directory. Public Disclosure Notices (PDNs) are also issued and posted in the directory in cases of sanction, assigning or removing an institutional designation, resignation of accreditation or candidacy, institutional closing or withdrawal of accreditation by HLC. The PDN provides the public with the most applicable information from the posted Action Letter. HLC decision-making outcomes also are summarized on the HLC Accreditation Actions page.

Complaints Against Institutions

HLC has a formal complaint process, consisting of an online complaint form for faculty, students and other parties to submit information regarding a member institution’s potential non-compliance with HLC requirements. As stated in HLC policy, the complaints process is designed to enable HLC to review, in a timely and fair manner, information that suggests potential substantive non-compliance with an institution's ability to meet HLC requirements.

Academic organizations

Academic Organizations 2025-2026

*Effective August 21, 2025

Organized under the multiple campuses of ASU are colleges, schools, departments, and other administrative units whose faculty offer courses.

Barrett, The Honors College

Business, W. P. Carey School of

Accountancy, School of

Agribusiness, Morrison School of

Economics, Department of

Finance, Department of

Information Systems, Department of

Management and Entrepreneurship, Department of

Marketing, Department of

Supply Chain Management, Department of

Technology, Innovation and Entrepreneurship, School of

Design and the Arts, Herberger Institute for

Art, School of

ASU FIDM

Design School, The

GAME School, The

Music, Dance and Theatre, School of

Sidney Poitier New American Film School, The

Engineering, Ira A. Fulton Schools of

Biological and Health Systems Engineering, School of

Computing and Augmented Intelligence, School of

Electrical, Computer and Energy Engineering, School of

Engineering of Matter, Transport and Energy, School for

Integrated Engineering, School of

Manufacturing Systems and Networks, School of

Polytechnic School, The

Sustainable Engineering and the Built Environment, School of

Global Futures, College of

Complex and Adaptive Systems, School of

Conservation Futures, School of

Future of Innovation in Society, School for the

Ocean Futures, School of

Sustainability, School of

Global Management, Thunderbird School of

Graduate College

Health Solutions, College of

Integrative Sciences and Arts, College of

Applied Professional Studies, School of

Applied Sciences and Arts, School of

Counseling and Counseling Psychology, School of

Interdisciplinary Arts and Sciences, New College of

Humanities, Arts and Cultural Studies, School of

Interdisciplinary Forensics, School of

Mathematical and Natural Sciences, School of

Social and Behavioral Sciences, School of

Journalism and Mass Communication, Walter Cronkite School of

Law, Sandra Day O'Connor College of

Liberal Arts and Sciences, The College of

Aerospace Studies, Department of

American Indian Studies Program

Civic and Economic Thought and Leadership, School of

Earth and Space Exploration, School of

English, Department of

Geographical Sciences and Urban Planning, School of

Historical, Philosophical and Religious Studies, School of

Human Communication, Hugh Downs School of

Human Evolution and Social Change, School of

International Letters and Cultures, School of

Life Sciences, School of

Mathematical and Statistical Sciences, School of

Military Science, Department of

Molecular Sciences, School of

Naval Science, Department of

Physics, Department of

Politics and Global Studies, School of

Psychology, Department of

Social and Family Dynamics, T. Denny Sanford School of

Social Transformation, School of

Transborder Studies, School of

Nursing and Health Innovation, Edson College of

Public Service and Community Solutions, Watts College of

Community Resources and Development, School of

Criminology and Criminal Justice, School of

Public Affairs, School of

Social Work, School of

Teaching and Learning Innovation, Mary Lou Fulton College for

Advancing Education Policy, Practice and Leadership, Division for

Advancing Educator Preparation, Division for

Technology for Public Heath, School of

University College

One university, many places

Arizona State University’s reach supports local and global connections and research engagement.

ASU is committed to delivering high-quality education to the local and global communities it serves.

Arizona State University is "one university in many places" — four distinctive campuses throughout metropolitan Phoenix, as well as locations around the state, country and world. Each provides access to the university's strength and innovation, and all offer attributes and focuses to meet the needs of any learner.

Arizona locations

Phoenix metro-area campuses

Downtown Phoenix campus

State-of-the-art living and learning facilities are found in the heart of Arizona’s capital city.
Woven into the downtown business and professional community, ASU’s Downtown Phoenix campus provides a multitude of academic and professional connections for students preparing for careers in health care, law, government, public service, the arts and sciences, journalism, media, global management and the corporate sector.

Read more [1]

Address and driving directions [2]

Polytechnic campus

Opportunities for project-based learning within advanced laboratory spaces.
The ASU Polytechnic campus is a nexus for studies in integrative sciences and arts, engineering, management, technology and education. Industry partnerships are key to the campus’ distinctive course offerings, which provide opportunities for project-based learning within advanced laboratory spaces.

Read more [3]

Address and driving directions [4]

Tempe campus

The historic campus offers multidisciplinary research and exploration in first-rate laboratories and facilities.
ASU’s Tempe campus offers hundreds of majors that engage undergraduates and graduates in multidisciplinary research and exploration in first-rate laboratories and facilities. The Sun Devils’ athletic complex, performing arts facilities and research space create a dynamic learning environment.

Read more [5]

Address and driving directions [6]

West Valley campus

ASU’s West Valley campus blends a liberal arts education with 21st-century leadership preparation.
Located in northwest Phoenix, the West Valley campus is home to students pursuing degrees in the health industry, business, education, and interdisciplinary arts and science programs.

Read more [7]

Address and driving directions [8]

Additional Arizona locations

Mesa City Center

The Mesa City Center — a joint project between the city of Mesa and ASU — houses academic programs offered by the Herberger Institute for Design and the Arts related to digital and sensory technology, experiential design, gaming, media arts, and film production. It features the state-of-the-art Media and Immersive eXperience (MIX) Center [9], and includes spaces for entrepreneurship and community collaboration.

Read more [9]

Tucson

The ASU School of Social Work offers a bachelor's and master's degree in social work at its location near downtown Tucson. The School of Social Work prepares students who are committed to social justice and to serving and empowering individuals, families and communities.

Read more [10]

Yuma

ASU brings its top-ranked yet affordable undergraduate degree programs to students in Yuma through ASU Local. This hybrid college experience invites you to attend ASU on Arizona Western College's Yuma campus. ASU Local is a flexible college program that is designed to help you pursue your academic, personal and professional goals to grow and thrive in your community.

Read more [11]

Innovation Zones

Discovery Oasis

Located in the Discovery Oasis, the Health Futures Center will focus on education, medical technologies and health and well-being.

ASU's Health Futures Center will further foster intensified research, clinical expansion and development of innovative clinical approaches to medicine and health care through Mayo Clinic and ASU MedTech Accelerator, biomedical engineering, informatics research labs, nursing programs and an innovative education zone.

Read more [12]

Novus Innovation Corridor

One of the nation's most progressive, urban, mixed-use developments, Novus Innovation Corridor is defined by leading companies and partnerships.

Located adjacent to ASU's Tempe campus, Novus Innovation Corridor will house more than 10 million square feet of world-class offices, residences, hotels, retail stores and restaurants throughout 355 acres. Novus is a powerful expression of the adaptive capacity of innovation. By creating a place of opportunity for the continuous introduction of new ideas, technologies and methodologies, Novus will become the central point in a region already brimming with possibility.

Read more [13]

Phoenix Bioscience Core

Located in the heart of downtown Phoenix, the Phoenix Bioscience Core is a dynamic environment for research activities, containing some of the highest concentrations of research scientists and complementary research professionals in the region.

The 30-acre urban health and bioscience campus is designed with 6 million square feet of facilities dedicated to biomedical-related research, clinical facilities and academic research.

Read more [14]

ASU Research Park

Supporting 51 corporate tenants employing more than 6,000 people, ASU Research Park provides $1.4 billion annual economic impact in the state of Arizona.

Situated on 320 acres of land with 18 surface acres of lakes and an extensive trail system, ASU Research Park is home to ASU MacroTechnology Works, including ASU's Quantum Energy and Sustainable Solar Technologies, ASU's first National Engineering Research Center supported jointly by the National Science Foundation and the U.S. Department of Energy.

Read more [15]

SkySong, the ASU Scottsdale Innovation Center

SkySong, the ASU Scottsdale Innovation Center, is a dynamic center for innovation, technology and economic expansion.

At SkySong, the ASU Scottsdale Innovation Center, notable companies from around the world come together in an environment designed to foster collaboration and growth. SkySong, a 1.2-million-square-foot mixed-use project, features Class A commercial office space, retail, restaurant and hotel components, and the SkySong Apartments. It is home to Skysong Innovations, startups and Fortune 500 companies, plus much more.

Read more [16]

Maps and parking

Quick links

Parking at ASU [17]
View full-size interactive map [18]
Take a tour [19]
Live campus webcams [20]

[Archivist note: Embedded interactive map unable to be archived.]

U.S. locations

Los Angeles

ASU California Center offers students the opportunity to learn in a global city and gain career experience with employers across Los Angeles.

The ASU California Center, with sites in downtown LA, is home to academic programs in fashion and design, film, nursing, global management, journalism, law, business, and executive education. Additionally, cohort-based programs such as ASU Local [29], provide students earning an online degree with in-person, community-building experiences with

peers, professors and mentors. Close proximity and coursework embedded with industry partners across LA enable students learning at the ASU California Center to work alongside professionals in their fields while earning their degree.

ASU in California [21]

ASU Local [22]

Washington, D.C.

ASU's presence in Washington, D.C., is a critical component in a broad institutional effort to create and share knowledge with the power and potential to change the world.

The Barbara Barrett and Sandra Day O'Connor Washington Center expands ASU's presence in the nation's capital, spurring innovative national engagements and partnerships; providing one-of-a-kind learning, teaching and research opportunities; facilitating ASU's participation in high-level idea exchanges; and expanding the impact of groundbreaking research efforts. The center houses ASU Local, ASU academic programs and global initiatives such as the McCain Institute.

ASU in Washington, D.C. [23]

ASU Local [24]

Hawaii

The Center for Global Discovery and Conservation Science leads scientific and technological research focused on climate change.

GDCS-Hawai'i is headquartered in the ASU Pacific Ridge-to-Reef Program, located in a joint facility in Hilo, Hawai'i, that is administered by the U.S. Forest Service. The Hilo facility houses computational and chemical labs, offices, conference rooms, and field operations space. GDCS-Hawai'i is located next to the University of Hawai'i at Hilo, fostering inter-university collaboration across the Hawaiian Islands. GDCS also operates major program elements along the West Hawai'i Island coastline.

Read more [25]

ASU Local [26]

International locations

At ASU, we are forging a new role for higher education in the world by engaging with people and issues locally, nationally and internationally. ASU offers opportunities for academic engagement, research and development, and international collaboration in more than 80 countries.

Global at ASU [27]

Additional resources

Visit campus

Parking at ASU [17]
Find which campus is right for you [28]
Schedule a tour [19]
Virtual tours [29]
Self-guided walking tours [30]

Source URL: https://www.asu.edu/about/locations-maps

Links:
[1] https://campus.asu.edu/downtown-phoenix
[2] https://www.google.com/maps/dir//411+N+Central+Ave+Phoenix+AZ+85004/@33.4528534,-112.0756903,17z
[3] https://campus.asu.edu/polytechnic
[4] https://www.google.com/maps/dir//7111+E+Tiburon+Ave+Mesa+AZ+85212/@33.3086815,-111.6825454,17z
[5] https://campus.asu.edu/tempe
[6] https://www.google.com/maps/dir//Business+Administration,+300+E+Lemon+St,+Tempe,+AZ+85281/@33.4164955,-111.9367859,17z/data=!4m8!4m7!1m0!1m5!1m1!1s0x872b08db55b0a7bf:0xc3f11886c43beb13!2m2!1d-111.9344819!2d33.4165566
[7] https://campus.asu.edu/west
[8] https://www.google.com/maps/dir//N+47th+Ave+%26+University+Way+N,+Phoenix,+AZ+85051/@33.6092941,-112.1944088
[9] https://herbergerinstitute.asu.edu/about/locations/mix-center
[10] https://socialwork.asu.edu/tucson
[11] https://asulocal.asu.edu/yuma
[12] https://economicdevelopment.asu.edu/innovation-zone/discovery-oasis/
[13] https://economicdevelopment.asu.edu/innovation-zone/novus-innovation-corridor/
[14] https://economicdevelopment.asu.edu/innovation-zone/phoenix-bioscience-core/
[15] https://economicdevelopment.asu.edu/innovation-zone/asu-research-park/
[16] https://economicdevelopment.asu.edu/innovation-zone/skysong-the-asu-scottsdale-innovation-center/
[17] https://cfo.asu.edu/parking
[18] https://www.asu.edu/map/interactive/
[19] https://visit.asu.edu/
[20] https://view.asu.edu/
[21] https://california.asu.edu/
[22] https://asulocal.asu.edu/los-angeles/
[23] https://washingtondc.asu.edu/
[24] https://asulocal.asu.edu/washington-dc/
[25] https://hawaii.asu.edu/
[26] https://asulocal.asu.edu/west-hawaii/
[27] https://global.asu.edu/
[28] https://admission.asu.edu/campus-life
[29] https://visit.asu.edu/live-hosted-visit
[30] https://visit.asu.edu/schedule

Locations of record

For the 2025-2026 academic year, Arizona State University offered degree-granting programs at the following locations.

Downtown Phoenix campus
411 N Central Ave
Phoenix, AZ 85004

Polytechnic campus
7001 E Williams Field Rd
Mesa, AZ 85212

Tempe campus
1151 S Forest Ave
Tempe, AZ 85287

West Valley campus
4701 W Thunderbird Rd
Glendale, AZ 85306

ASU at Hainan
Hainan, China

ASU at Los Angeles
1111 S Broadway
Los Angeles, CA 90015

ASU at Mesa City Center
50 N Centennial Way
Mesa, AZ 85201

ASU at Mexico City
Mexico City, Mexico

ASU at Northeastern Arizona
1001 W Deuce of Clubs
Show Low, AZ 85901

ASU at Tucson
340 N Commerce Park Loop, Ste 250
Tucson, AZ 85745

ASU at Washington, D. C.
1800 I St NW
Washington, D.C. 20006

ASU at Yavapai
6955 Panther Path
Prescott Valley, AZ 86314

ASU at Yuma
2020 S Ave 8 E
Yuma, AZ 85365

ASU Online
An online campus

ASU Sync
An online synchronous modality

Academic calendar

Related links
Final Exam Schedule [1]
Tuition Deadlines [2]
Financial Aid Calendar [2]
Religious Holidays [3]

ASU regularly offers classes in the fall, spring and summer terms with the following components:

Fall/Spring Session A:
first 7.5-week session
Fall/Spring Session B:
second 7.5-week session
Fall/Spring Session C:
full semester (15 weeks plus final exams)

Summer Session A:
first 6-week session
Summer Session B:
second 6-week session
Summer Session C:
8-week session

If a class is scheduled in a session other than Session A, B or C, the drop/add/withdrawal deadlines are prorated based on the length of the class. Check the calendar icon next to each class on your schedule in My ASU [4] for the prorated deadline dates.

Fall 2025

Session A: Thursday, 8/21/2025 – Friday, 10/10/2025
Session B: Wednesday,10/15/2025 – Friday, 12/5/2025
Session C: Thursday, 8/21/2025 – Friday, 12/5/2025 (Final Exams 12/8/2025 - 12/13/2025)

Schedule of classes available [5]	February 24, 2025		
Registration and tuition guide available	February 24, 2025		
Registration dates begin [6]	February 27, 2025		
$50.00 Late registration fee begins [7] (does not apply to ASU Online students)	Session A August 13, 2025	Session B October 7, 2025	Session C August 13, 2025
Classes begin	Session A August 21, 2025	Session B October 15, 2025	Session C August 21, 2025

Academic Status Reports [8] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in My ASU within 24 hours after each weekly reporting period closes on Sundays	Session A Aug 21 – Oct 5, 2025	Session B Oct 15 – Nov 30, 2025	Session C Aug 21 – Nov 30, 2025
Last day to register or add a class without college approval [9]	Session A August 22, 2025	Session B October 16, 2025	Session C August 27, 2025
Drop deadline [9] - this is the last day to drop a class without receiving a grade of 'W' (withdrawal) on your transcript.	Session A August 27, 2025	Session B October 21, 2025	Session C September 3, 2025
Tuition and fees 100% refund deadline - for more information see tuition and deadlines [10]	Session A August 27, 2025	Session B October 21, 2025	Session C September 3, 2025
Tuition fee payment deadline - for registration through 8/18/2025. For more information see tuition and deadlines [10]	August 25, 2025		
Residency classification petition deadline [11]	August 27, 2025		
Automatic ASU payment plan enrollment - Students who registered through August 18 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU Payment Plan [12].	August 29, 2025		
Labor Day observed *Classes excused/University closed*	September 1, 2025		
University 21st day	Session A September 10, 2025	Session B November 4, 2025	Session C September 10, 2025
Tuition fee payment deadline - for registration from 8/19/2025 through 9/18/2025. For more information see tuition and deadlines [10]	September 25, 2025		

Deadline to apply for graduation	October 1, 2025		
University 45th day	October 4, 2025		
Fall break *Classes excused/University open*	October 11-14, 2025		
Tuition fee payment deadline - for registration from 9/19/2025 through 10/25/2025. For more information see tuition and deadlines [10]	October 25, 2025		
Course withdrawal deadline	Session A September 10, 2025	Session B November 4, 2025	Session C November 5, 2025
Veterans Day observed *Classes excused/University closed*	November 11, 2025		
Thanksgiving holiday observed *Classes excused/University closed*	November 27-28, 2025		
Complete session withdrawal deadline [9] As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school to facilitate the withdrawal process. For more information click here. [13]	Session A October 10, 2025	Session B December 5, 2025	Session C December 5, 2025
Classes end Last day to process transactions	Session A October 10, 2025	Session B December 5, 2025	Session C December 5, 2025
Study days	Session A N/A	Session B N/A	Session C December 6-7, 2025
Final exams [14]	Session A Last day of classes	Session B Last day of classes	Session C December 8 - 13, 2025

Final grades due	Session A October 13, 2025	Session B December 8 - 15, 2025	Session C December 8 - 15, 2025
Commencement ceremony (graduate and undergraduate) http://graduation.asu.edu [15]	December 15, 2025		
Degree conferral date	December 15, 2025		
Grade replacement/academic standing processing	December 16-17, 2025		
Holiday break *Classes excused/University closed*	December 25 - 26, 2025		

Spring 2026

Session A: Monday, 1/12/2026 – Tuesday, 3/3/2026
Session B: Monday, 3/16/2026 – Friday, 5/1/2026 (ASU Online and iCourses may end on Tuesday, 5/5/2026)
Session C: Monday, 1/12/2026 – Friday, 5/1/2026 (Final Exams 5/4/2026 – 5/9/2026)

Schedule of classes available [5]	September 22, 2025		
Registration and tuition guide available	September 22, 2025		
Registration dates begin [6]	ASU Online students: September 29, 2025 In-Person students: October 20, 2025		
$50.00 Late registration fee begins [7] (does not apply to ASU Online students)	Session A January 4, 2026	Session B March 8, 2026	Session C January 4, 2026
Classes begin	Session A January 12, 2026	Session B March 16, 2026	Session C January 12, 2026
Academic status reports [8] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in My ASU within 24 hours after each weekly reporting period closes on Sundays	Session A TBD	Session B TBD	Session C TBD

Last day to register or add a class without college approval [9]	Session A January 13, 2026	Session B March 17, 2026	Session C January 18, 2026
Residency classification petition deadline [11]	January 18, 2026		
Drop deadline [9] - this is the last day to drop a class without receiving a grade of 'W' (withdrawal) on your transcript.	Session A January 18, 2026	Session B March 22, 2026	Session C January 25, 2026
Tuition & fees 100% refund deadline - For more information see tuition and refund policy [16]. Note: If you choose to drop a class [17] or withdraw from ASU [18] after this deadline, you may receive a bill for the financial aid used to cover those classes.	Session A January 18, 2026	Session B March 22, 2026	Session C January 25, 2026
Martin Luther King Jr. Holiday observed *Classes excused/University closed*	January 19, 2026		
Tuition fee payment deadline - for registration through 1/18/26. For more information see tuition and deadlines [10]	January 25, 2026		
Automatic ASU payment plan enrollment - Students who registered through 1/18/26 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU payment plan [12].	January 29, 2026		
University 21st day	Session A February 2, 2026	Session B April 6, 2026	Session C February 2, 2026
Deadline to apply for graduation	February 15, 2026		
Tuition fee payment deadline - for registration from 1/19/26 through 2/18/26. For more information see tuition and deadlines [10]	February 25, 2026		
University 45th day	February 25, 2026		

Spring break *Classes Excused/University open*	March 8-15, 2026		
Tuition fee payment deadline - for registration from 2/19/26 through 3/18/26. For more information see tuition and deadlines [10]	March 25, 2026		
Course withdrawal deadline [9]	Session A January 30, 2026	Session B April 3, 2026	Session C April 5, 2026
Complete session withdrawal deadline [9] As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school to facilitate the withdrawal process. For more information click here [13].	Session A March 3, 2026	Session B May 1, 2026	Session C May 1, 2026
Classes end Last day to process transactions (Session B ASU Online & iCourses may end Tuesday, 5/6/2026)	Session A March 3, 2026	Session B May 1, 2026	Session C May 1, 2026
Study days	Session A N/A	Session B N/A	Session C May 2-3, 2026
Final exams [14]	Session A Last day of classes	Session B Last day of classes	Session C May 4-9, 2026
Final grades due	Session A March 6, 2026	Session B May 4-11, 2026	Session C May 4-11, 2026
Commencement [15] - (graduate and undergraduate)	May 11, 2026		
Degree conferral date	May 11, 2026		
Grade replacement/academic standing processing	May 12-13, 2026		

Summer 2026

Session A: Monday, 5/18/2026 – Friday, 6/26/2026
Session B: Wednesday, 7/1/2026 – Tuesday, 8/11/2026
Session C: Monday, 5/18/2026 – Friday, 7/10/2026

Schedule of classes available [5]	February 5, 2026		
Registration dates begin [6]	February 6, 2026		
$50.00 Late registration fee begins [7] (does not apply to ASU Online students)	Session A May 10, 2026	Session B June 23, 2026	Session C May 10, 2026
Classes begin	Session A May 18, 2026	Session B July 1, 2026	Session C May 18, 2026
Academic status reports [8] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sundays	Session A TBD	Session B TBD	Session C TBD
Last day to register or add a class without college approval [9]	Session A May 19, 2026	Session B July 2, 2026	Session C May 19, 2026
Residency classification petition deadline [11]	May 19, 2026		
Drop deadline [9] - this is the last day to drop a class without receiving a grade of 'W' (withdrawal) on your transcript.	Session A May 22, 2026	Session B July 5, 2026	Session C May 22, 2026
Tuition & fees 100% refund deadline - For more information see tuition and deadlines. [16]	Session A May 22, 2026	Session B July 5, 2026	Session C May 22, 2026
Tuition fee payment deadline - for registration through 5/18/2026. For more information see tuition and deadlines [10]	May 25, 2026		
Memorial Day observed *Classes excused/University closed*	May 25, 2026		

Automatic ASU payment plan enrollment - Students who registered through 5/18/26 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU payment plan. [12]	May 29, 2026		
Course withdrawal deadline [9]	Session A June 7, 2026	Session B July 21, 2026	Session C June 7, 2026
Deadline to apply for graduation	June 15, 2026		
Tuition fee payment deadline - for registration from 5/19/2026 through 6/18/2026. For more information see tuition and deadlines [10]	June 25, 2026		
Independence Day observed *Classes excused/University closed*	July 3, 2026		
Tuition fee payment deadline - for registration from 6/19/2026 through 7/18/2026. For more information see tuition and deadlines [10]	July 25, 2026		
Complete session withdrawal deadline [9] As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school to facilitate the withdrawal process. For more information click here [13].	Session A June 26, 2026	Session B August 11, 2026	Session C July 10, 2026
Classes end Last day to process transactions	Session A June 26, 2026	Session B August 11, 2026	Session C July 10, 2026
Final grades due	Session A June 28, 2026	Session B August 13, 2026	Session C July 12, 2026
Degree conferral date	August 11, 2026		
Grade replacement processing	August 14, 2026		

Source URL: https://registrar.asu.edu/academic-calendar

Links:
[1] https://registrar.asu.edu/final-exam-schedule
[2] https://tuition.asu.edu/billing-finances/deadlines
[3] https://eoss.asu.edu/cora/holidays
[4] https://my.asu.edu/
[5] https://webapp4.asu.edu/catalog/
[6] https://students.asu.edu/registration
[7] https://students.asu.edu/tuitiondescriptions
[8] https://asu.my.salesforce-sites.com/kb/articles/FAQ/What-is-an-Academic-Status-Report
[9] https://students.asu.edu/drop-add
[10] https://students.asu.edu/tuitiondeadlines
[11] https://students.asu.edu/residency
[12] https://students.asu.edu/payment-plan
[13] http://students.asu.edu/forms/withdrawal
[14] https://students.asu.edu/final-exam-schedule#Spring
[15] http://graduation.asu.edu/
[16] http://students.asu.edu/tuitionrefundpolicy
[17] http://students.asu.edu/policies/census
[18] http://students.asu.edu/policies/fa-withdrawal

Residency

Residency navigator

Use the residency navigator to help determine your eligibility for residency

Residency for tuition purposes

Your residency classification for tuition purposes is determined based on Arizona revised statutes [1] and guidelines provided by the Arizona Board of Regents' (ABOR) [2]. Students who have been classified as non-residents can request reclassification by submitting a Residency Petition. Use the Residency Navigator and the links below to learn more.

Students who graduated from an Arizona high school but do not otherwise qualify to be classified as residents for tuition purposes may be eligible to receive the Non-Resident Tuition Rate for Arizona High School Graduates [3].

Information about Arizona Prop. 308 [4].

Requesting residency reclassification

Once you know which petition is best for you, this is what you need to do.

1. Residency Navigator
2. Review requirements
3. Submit your petition

Residency navigator

We've designed this tool to help you determine which residency classification category may apply to you. Using the residency navigator will not have any influence on the outcome of your residency petition. It is not intended to predict whether your petition will be approved or denied.

Start here
[Archivist's Note: In-page Residency Navigator tool unable to be captured.]

Residency petition section

You may fit into multiple categories. Determine which is the most appropriate for your situation.

Independent student

Requirements

The independent student petition requires you to:

- Provide proof of domicile and continuous physical presence in Arizona for 12 months
- Provide proof of financial independence
- Overcome the presumption that you are in Arizona primarily to be a student

Read more about this petition. [5]

Request reclassification

Your petition is completed in three steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7].
Step 2: Submit [6] your documents prior to the document deadline [7]
Step 3: Pay [6] the petition fee prior to the document deadline [7]

Deadlines

Don’t miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1.
- Document deadline – this is the last day to complete step 2 & 3
- Priority deadline – this is the last day to complete steps 1, 2, & 3 if you want a decision before classes start.

Dependent student

Requirements

The dependent student petition requires you to:

- Provide proof that you and your parent(s) are domiciled in Arizona and your parent(s) are entitled to claim you as a dependent for tax purposes.

Read more about this petition [8].

Request reclassification

Your petition is completed in three steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]
Step 3: Pay [6] the petition fee prior to the document deadline [7]

Deadlines

Don’t miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1
- Document deadline – this is the last day to complete step 2 & 3
- Priority deadline – this is the last day to complete steps 1, 2, & 3 if you want a decision before classes start.

Spouse

Requirements

The spouse petition requires you to:

- Provide proof that you are domiciled in Arizona
- Provide proof that your spouse has maintained domicile in Arizona for 12 continuous months
- Provide proof that your spouse is financially independent
- Provide proof of marriage

Read more about this petition [9].

Request reclassification

Your petition is completed in three steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]
Step 3: Pay [6] the petition fee prior to the document deadline [7]

Deadlines

Don’t miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1.
- Document deadline – this is the last day to complete step 2 & 3
- Priority deadline – this is the last day to complete steps 1, 2, & 3 if you want a decision before classes start.

Transferred employee

Requirements

The transferred employee petition requires you to:

- Provide proof that you are domiciled in Arizona
- Provide proof that you were transferred you to Arizona for employment purposes OR provide proof that your spouse was transferred to Arizona for employment purposes
- Provide proof the transfer to Arizona meets the conditions described here.

Read more about this petition. [10]

Request reclassification

Your petition is completed in three steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]
Step 3: Pay [6] the petition fee prior to the document deadline [7]

Deadlines

Don't miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1
- Document deadline – this is the last day to complete step 2 &3
- Priority deadline – this is the last day to complete steps 1, 2, & 3 if you want a decision before classes start.

Qualifying federal service/military

Requirements

This petition applies if you are member (or the spouse or dependent of a member) of a Qualifying Federal Service who is on active duty for a period of more than 30 days and whose domicile or permanent duty station is in Arizona;
OR
Is a member of the Armed Forces of the United States stationed outside of Arizona pursuant to military orders and claimed Arizona as the service member's legal residence for at least twelve consecutive months;
OR
Is a dependent of a U.S. military member who is using transferred Post-9/11 G.I. Bill (Chapter 33) benefits during a time in which the member of the U.S. uniformed services is serving on active duty of 90 days or more.

Read more about this petition [11].

Request reclassification

Your petition is completed in two steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]

Deadlines

Don't miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1
- Document deadline – this is the last day to complete step 2
- Priority deadline – this is the last day to complete steps 1 & 2 if you want a decision before classes start.

Veteran

Requirements

The veteran petition applies to veterans of the U.S. military and requires you to:

- Provide proof that the veteran was discharged with a character of service of “honorable”, and proof of intent to establish domicile in Arizona.

OR

- Provide proof of active duty of 90 days or more, use of Ch. 30, 31, 33 or 35 educational benefits and proof of intent to establish domicile in Arizona.

The veteran petition applies to dependents and requires the student to:

- Provide proof that the student is using transferred Ch. 30, 31, 33 or 35 benefits and proof of intent to establish domicile in Arizona.

OR

- Provide proof of receiving benefits certified under the Marine Gunnery Sergeant John David Fry Scholarship and proof of intent to establish domicile in Arizona.

Read more about this petition [12].

Request reclassification

Your petition is completed in two steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]

Deadlines

Don’t miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1
- Document deadline – this is the last day to complete step 2
- Priority deadline – this is the last day to complete steps 1 & 2 if you want a decision before classes start.

American Indian

Requirements

The American Indian petition applies if you are an enrolled member of an Indian tribe whose reservation land lies wholly or partially in Arizona.

Read more about this petition [13].

Request reclassification

Your petition is completed in two steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]

Deadlines

Don’t miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1
- Document deadline –this is the last day to complete step 2
- Priority deadline – this is the last day to complete steps 1 & 2 if you want a decision before classes start.

Teacher

Requirements

The teacher waiver applies if you are currently employed as a full-time teacher or classroom aide in an Arizona public school district, an approved Arizona charter school or an approved Arizona private school.

Teacher waivers are effective only for the semester for which they are submitted. A new teacher waiver petition must be submitted for subsequent semesters.

Read more about the this petition [14].

Request reclassification

Your petition is completed in two steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]

Deadlines

Don't miss your deadlines [7]:

- Petition deadline –this is the last day to complete step 1
- Document deadline – this is the last day to complete step 2
- Priority deadline – this is the last day to complete steps 1 & 2 if you want a decision before classes start.

AmericCorps/VISTA

Requirements

The AmeriCorps/VISTA exception applies if you have served one year in Arizona in either an AmeriCorps or Volunteers in Service to America (VISTA) program.

Read more about this petition. [15]

Request reclassification

Your petition is completed in two steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]

Deadlines

Don't miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1
- Document deadline – this is the last day to complete step 2
- Priority deadline – this is the last day to complete steps 1 & 2 if you want a decision before classes start.

ROTC/Contracted cadet

Requirements

The ROTC/Contracted Cadet exception applies if you are a contracted cadet participating in a Reserve Officer Training Corp (ROTC) program in Arizona.

Read more about this petition [16].

Request reclassification

Your petition is completed in two steps:
Step 1: Start [6] and submit your online questionnaire prior to the petition deadline [7]
Step 2: Submit [6] your documents prior to the document deadline [7]

Deadlines

Don't miss your deadlines [7]:

- Petition deadline – this is the last day to complete step 1
- Document deadline – this is the last day to complete step 2
- Priority deadline – this is the last day to complete steps 1 & 2 if you want a decision before classes start.

Declaring Arizona residency

Are there any hardship exceptions?
No. Any person requesting classification as a resident for tuition purposes must prove they meet ABOR requirements or that they meet one of the approved exceptions.

Does living in Arizona with a relative other than my parents have any effect on residency status?
No. Your status will be determined based on a review of your situation, but living with family members or friends is not an indicator of intent or domicile and will not influence your status.

How long does it take to review my petition and where can I track its progress?
Average processing time is 4-6 weeks. Petitions submitted closer to the deadline may take longer. If you need a decision prior to the first day of classes, you should submit everything (petition and all required documents) no later than the priority deadline [7]. You can monitor the status of your petition from the residency reclassification application portal [17]. When a decision is made, an email will be sent to your @ASU email address.

I am a continuing student; will my residency automatically change after one year?
No. Your status will remain non-resident and any student wanting to be re-classified must initiate the process by contacting the residency office and submitting a petition by the appropriate deadline. Simply being a student at ASU for one year is not sufficient for residency purposes per ABOR policy, which reads, "No individual has established residency for tuition purposes in Arizona while attending any education institution in Arizona as a full-time student in the absence of objective evidence to the contrary."

I am a dual resident of Arizona; can I be considered a resident for tuition purposes?
No. Any person wishing to be classified as a resident would need to provide objective evidence of intent to be a permanent resident of Arizona and demonstrate that all ties to the former state have been severed.

I am a research assistant, teaching assistant or graduate assistant and have been paying resident tuition. Am I a resident?
No. These positions are funded by waivers submitted by your college or department that pays the out-of-state portion of your tuition and fees; but, your status for residency purposes remains non-resident. To request reclassification, you would need to submit residency petition and appropriate supporting documentation.

I am currently attending a community college in Arizona as a resident; does that make me a resident at ASU?
Not necessarily. Residency for tuition purposes for the three state universities is determined according to guidelines established by the Arizona Board of Regents (ABOR). The community colleges are not governed by ABOR and your classification as a resident at the community college may or may not be in compliance with current ABOR policies.

I attended an Arizona institution using the WUE (Western University Exchange) or WICHE (Western Interstate Commission for Higher Education) program; will I be considered a resident?
The WUE/WICHE program allows residents of a participating state to pay a special, reduced tuition rate at participating institutions in other states. However, the student must maintain residency in the originating state. In other words, by

participating as a WUE/WICHE student you are affirming that you are not an Arizona resident. ABOR requirements for physical presence and intent to be an Arizona resident cannot be satisfied as a WUE/WICHE student. Refer to the ASU WUE page for more information.

I indicated that I was an Arizona resident on my admissions application, yet I am classified as a non-resident and was charged the non-resident application fee? How can I fix this?
Your residency classification is determined by a review of all of the information provided on your admissions application in accordance with guidelines provided by the Arizona Board of Regents. Your status as a non-resident is a result of one or more factors used to determine this classification. Please review the Residency Classification [18] web page and contact a residency specialist [19] if you have any questions.

I own property in Arizona; doesn't that make me a resident?
Owning property in Arizona does not automatically qualify you as a resident for tuition purposes. Property ownership is one factor to be considered, but would not be sufficient without other objective evidence of domicile and intent.

I was born and raised in Arizona then left for a short period of time before returning, can I still be classified as an Arizona resident for tuition purposes?
Leaving Arizona will not result in a loss of Arizona residency unless your absence is accompanied by actions that indicate intent to establish a new domicile elsewhere. Former residents of Arizona who established domicile elsewhere would be classified as non-residents upon return and would not be eligible for residency until current ABOR policies are met. Residency classification is re-visited after any break in enrollment or absence from the university.

I'm an ASU employee who is classified as a nonresident for tuition purposes, but am otherwise eligible for the Qualified Tuition Reduction Program. How should I proceed?
Please submit your Qualified Tuition Reduction Form (QTR) [20] to the Student Accounts Office. Once submitted, that office will notify the Residency Office who will adjust your residency status for the term in question.

If I marry an Arizona resident, can I be classified as a resident?
Yes. There is a provision in current ABOR guidelines that would allow you to be re-classified if you marry a resident of Arizona. You would request reclassification by submitting a residency petition and providing appropriate documentation to support that both you and your spouse meet current ABOR guidelines for the spouse exception.

My parent is an ASU alumnus; does it have any effect on my residency classification?
No. Your residency classification is evaluated against current ABOR policy and your parent’s status as an alumnus is not a consideration.

My parents live out-of-state but I attend an Arizona high school; will I be considered a resident if I graduate from an Arizona high school?
No, you would be classified as a non-resident. Per ABOR guidelines, “The domicile of an unemancipated person is that of either parent.” You may, however, qualify for the Non-Resident Tuition Rate for Arizona High School Graduates [21], which is 150% of in-state tuition.

Common residency questions

Still have unanswered questions? Take a look through our frequently asked questions below to see if your question is listed there. If not, we're happy to help [19].

Source URL: https://registrar.asu.edu/residency

Links:
[1] https://www.azleg.gov/arstitle/
[2] https://www.azregents.edu/policy-manual
[3] https://registrar.asu.edu/non-resident-tuition-rate-arizona-high-school-graduates
[4] https://tuition.asu.edu/Prop308

[5] https://registrar.asu.edu/sites/default/files/IN_PetitionRequirements_Sep2024.pdf
[6] https://go.oasis.asu.edu/residencypetition/
[7] https://registrar.asu.edu/residency-deadlines
[8] https://registrar.asu.edu/sites/default/files/2023-08/de_petition_instructions_aug_2021%20%281%29.pdf
[9] https://registrar.asu.edu/sites/default/files/2023-08/sp_petition_instructions_aug_2021%20%281%29.pdf
[10] https://registrar.asu.edu/sites/default/files/2023-08/tr_petition_instructions_aug_2021%20%281%29.pdf
[11] https://registrar.asu.edu/sites/default/files/Instructions_Qualifying_Federal_Service_Military_Petition_July02_2024.pdf
[12] https://registrar.asu.edu/sites/default/files/2023-08/vt_petition_instructions_july_2022%20%281%29.pdf
[13] https://registrar.asu.edu/sites/default/files/2023-08/na_petition_instructions_aug_2021%20%281%29.pdf
[14] https://registrar.asu.edu/sites/default/files/2023-08/tw_petition_instructions_aug_2021%20%281%29.pdf
[15] https://registrar.asu.edu/sites/default/files/2023-08/am_petition_instructions_aug_2021%20%281%29.pdf
[16] https://registrar.asu.edu/sites/default/files/2025-05/ROTC_Petition_May_2025.pdf
[17] https://www.asu.edu/go/residencypetition
[18] https://students.asu.edu/residency
[19] https://registrar.asu.edu/residency-classification-contact-us
[20] https://cfo.asu.edu/reduced-tuition
[21] https://registrar.asu.edu/non-resident-tuition

Residency requirements

Student/petition types

ABOR policy broadly defines nine different paths to residency. Each has a unique set of requirements, which are summarized below. Choosing the right petition is an important first step and we encourage you to read carefully and contact us [1] if you have questions. Please note that with the passage of Arizona Prop. 308 [2], some students who qualify as noncitizens may now be eligible for an in-state tuition rate.

How to petition [3].

Independent student

The Independent Student petition is best suited for students that:

- Have been continuously and physically present in Arizona for more than 12 months (with no absences of more than 30 days)
- Are residents of Arizona and have maintained the legal and customary ties that would be expected of someone who claims Arizona as their “true, fixed and permanent home” for the same 12 months of continuous presence.
- Can provide objective evidence of being financially independent for 12 months.
- Are not in Arizona primarily to be a student and can overcome or rebut these basic presumptions:
    - Non-resident students are in Arizona is primarily for the purpose of education and not to establish domicile;
    - Students can’t establish domicile while in Arizona primarily for the purposes of education;
    - Students can’t establish domicile in Arizona while enrolled at any educational institution in Arizona as a full-time student;
    - Decisions about permanent domicile are generally made after the completion of an education, and not before.

Additional information about the Independent Student petition can be found here:

More information [4]

Dependent student

The Dependent Student petition is best suited for students that:

- Can provide objective evidence that they are domiciled in Arizona

- Have parents (or a parent) who are domiciled in Arizona
- Can document that your parent (who is domiciled in Arizona) is entitled to claim you as an exemption for federal and state tax purposes.

Additional information about the Dependent Student petition can be found here:

More information [5]

Spouse

The Spouse petition is best suited for students that:

- Are married but don't meet all requirements for the Independent Student petition
- Can provide objective evidence that they are domiciled in Arizona
- Can provide objective evidence that their spouse has been domiciled in Arizona for 12 months or more
- Can provide objective evidence that their spouse is financially independent

Additional information about the Spouse petition can be found here:

More information [6]

Transferred employee

The Transferred Employee petition is best suited for students that:

- Can provide objective evidence that they have established domiciled in Arizona
- Are currently employed by an employer who transferred them to Arizona for employment purposes
- Were transferred within the last 12 months
- Are not self-employed or employed in a family-owned business that did not previously operate in Arizona
- Were transferred at the direction of and for the benefit of their employer.

Additional information about the Transferred Employee petition can be found here:

More information [7]

Qualifying federal service/military

The Qualifying Federal Service/Military Petition is best suited a student that:

- Is a member of a Qualifying Federal Service who is on active duty for a period of more than 30 days and whose domicile or permanent duty station is in Arizona or is the spouse or dependent child of a Member of a Qualifying Federal Service, or
- Is a member of the Armed Forces of the United States stationed outside of Arizona pursuant to military orders and claimed Arizona as the service member's legal residence for at least twelve consecutive months, or
- Is the spouse or dependent child of a member of the Armed Forces of the United States stationed outside of Arizona pursuant to military orders and the service member claimed Arizona as the service member's legal residence for at least twelve consecutive months, or
- Is a dependent of a U.S. military member who is using transferred Post-9/11 G.I. Bill (Chapter 33) benefits during a time in which the member of the U.S. uniformed services is serving on active duty of 90 days or more.

Additional information about the Qualifying Federal Service/Military Petition can be found here:

More information [8]

Veterans

The Veteran petition is best suited for students that:

- can provide objective evidence of intent to be an Arizona resident

- meet any of the following conditions:
- student is a veteran discharged with a character of service of “honorable”
- student is a veteran and is using Ch. 30, 31, 33, or 35 benefits
- student is the spouse or dependent of a veteran who was discharged from active duty service of ninety days or more and is using Ch. 30, 31, 33, or 35 benefits
- Student is receiving benefits certified under the Marine Gunnery Sergeant John David Fry Scholarship

Additional information about the Veteran petition can be found here:

More information [9]

American Indian

The American Indian petition is best suited for students that:

- Are enrolled members of an Indian tribe whose reservation land lies wholly or partially in Arizona. Eligible tribes are:
    - Ak Chin Indian Community of Maricopa
    - Cocopah Tribe of Arizona
    - Colorado River Indian Tribes of the Colorado River Indian Reservation–includes Chemehuevi, Hopi, Mohave and Navajo
    - Fort McDowell Yavapai Nation
    - Fort Mojave Indian Tribe
    - Gila River Indian Community
    - Havasupai Tribe
    - Hopi Tribe
    - Hualapai Indian Tribe
    - Kaibab Band of Paiute Indians
    - Navajo Nation
    - Pascua Yaqui Tribe
    - Pueblo of Zuni
    - Quechan Tribe
    - Salt River Pima-Maricopa Indian Community
    - San Carlos Apache Tribe
    - San Juan Southern Paiute Tribe
    - Tohono O’odham Nation
    - Tonto Apache Tribe
    - White Mountain Apache Tribe
    - Yavapai-Apache Nation
    - Yavapai-Prescott Tribe

Additional information about the American Indian petition can be found here:

More information [10]

Teacher waiver and AmeriCorps/Vista

The Teacher Waiver is best suited for students that:

- Are domiciled in Arizona
- Under contract to either teach either teach on a full-time basis or work as a full-time classroom aide in:
    - an Arizona public school district, or
    - an approved Arizona charter school, or
    - an approved Arizona private school.

Teacher waivers are based on enrollment and are effective only for the semester in which they are submitted. A new teacher waiver petition must be submitted for subsequent semesters. The Teacher Waiver does not change your

residency classification, but does allow the student to pay in-state tuition for courses required for teacher certification in Arizona.

Additional information about the Teacher Waiver can be found here:

More information [11]

The AmeriCorps/VISTA petition is best suited for students that:

- have completed one year of service in Arizona in either an AmeriCorps or Volunteers in Service to America (VISTA) program.

Additional information about the AmeriCorps/VISTA petition can be found here:

More information [12]

ROTC/Contracted cadet

The ROTC/Contracted Cadet petition is best suited for students that:

- are contracted cadets participating in a Reserve Officer Training Corp (ROTC) program in Arizona.

Additional information about the ROTC/Contracted Cadet petition can be found here:

More information [13]

Freely associated states

Effective July 1, 2024: A citizen of the three Freely Associated States: the Federated States of Micronesia, the Republic of the Marshall Islands, and the Republic of Palau is eligible to be classified as resident for tuition purposes.

Please contact the Residency Classification Office [14] for additional information about this exception.

Residency guidelines

Your initial residency classification is determined when you apply for admission to the University based on residency guidelines provided by the Arizona Board of Regents (ABOR) [15]. ABOR policy 4-204 defines the process for requesting reclassification and places the burden of proof on the student. Students seeking reclassification are responsible for providing objective evidence for all factors necessary to provide a basis for this change.

Residency petition

This is your formal request for reclassification. Your petition will consist of an online questionnaire and your supporting documentation. The online residency petition [16] is only available to current, active, non-resident students. New or future students do not become current or active until they are admitted to the University and enrollment begins for the student's semester of admission (see the ASU Academic Calendar [17] for enrollment dates).

When you are ready to submit your petition, here are the steps:
Step One: Start [16] and submit your online questionnaire prior to the petition deadline.
Step Two: Submit [16] your documents prior to the document deadline
Step Three: Pay [16] the $50 petition fee prior to the document deadline (if applicable)

Complete the steps in this order and Contact the Residency Office [14] if you need more information.

Deadlines

Deadlines are critical. Missing a deadline [18] means you have forfeited your right to request reclassification for that semester.

Requirements

Specific requirements are summarized, paraphrased and iterated in various places, including above. Before you start you petition, we encourage you to understand the requirements for your petition and ask questions when you need help. Don't make assumptions about what you think is required or what you need to provide. Successful petitions require you to do your homework and spend some time gathering thorough and credible documentation. Unsuccessful petitions are most often characterized by a lack of documentation or an incorrect understanding of the requirements.

Documentation

Your required documentation will be as unique as you are. The documents requested are based on how you answer the online questionnaire and there is not a fixed list of documents that applies to everyone. Petitions that are lacking sufficient documentation will be denied. Written or verbal statements of intent will not meet your burden to provide objective evidence. You will also have the ability to submit something we didn't ask for. It can be hard to know what might be helpful to students in every situation, but feel free to submit anything you think will support your request.

Burden of proof

The burden of proof is yours. Your documentation will need to support your claim that you are meeting all requirements for in-state classification. Per ABOR policy, verbal testimony and statements of intent are weighed in light of the fact that you understand a change in classification will result in a substantial reduction in tuition.

Petition fee

There is a $50, non-refundable fee required if you are requesting reclassification as an independent student, dependent student, spouse or transferred employee. The petition fee can be paid online after you submit your petition. The Residency Classification Office cannot accept or process any fee payments. There are no fees associated with the following petition types: Military, Veteran, Native American, AmeriCorps/VISTA and Teacher Waiver.

Integrity

Misrepresentation or falsification of any information related to your residency classification can result in significant penalties. Students who have omitted, falsified, or misrepresented any information in effort to obtain resident status will be referred to Student Rights and Responsibilities [19] for disciplinary action. This may include dismissal from the university or forfeiting your right to request reclassification for current and future terms.

Processing time

Processing times vary and are largely dependent on when your petition and supporting docs are submitted. Average processing time is 4-6 weeks, but decisions will take longer for petitions that are submitted within one month of the petition deadline. If you need a decision prior to the first day of classes, you should submit everything (petition and all required documents) no later than the priority deadline [18].

Checking your petition status

The status of your petition can be viewed from the residency petition dashboard [20]. This is also where you submit your petition and all supporting documents.

The lifespan of a petition is characterized by different statuses and will vary from student to student: In most cases, the progression will look like this:

- In queue: You've submitted everything and your petition is now ready to be reviewed.
- Documents needed: Your petition has been reviewed, but we need additional documents. We will send you an email with details, including instructions on how to upload your new documents.
- Contact residency: Your petition has been reviewed, but we would like to talk with you about something. Give us call or send us an email so we can finish reviewing your petition.
- Pending: New information has been added to your petition and is ready for a 2nd review.
- In review: A decision will be sent to you in the next 7-10 days. We have all that we need, but need a little time to make our finalize our decision.
- Approved: Congrats! Your request has been approved. You will also get an email with details – please read this carefully as residency changes can affect other things besides tuition – for example, refunds or financial aid.
- Denied: Your request has been denied. We will also notify you via email. If denied, you will also be given a detailed decision summary that explains our decision.
- Withdrawal Warning: You have not submitted all of your required documentation and your petition is at risk of being withdrawn. Submit all required documents prior to the document deadline so that your petition can be put "in queue".
- Withdrawn: Your petition as been withdrawn and a decision will not be rendered.

Your petition may skip steps or bounce between different statuses. This is normal and how we manage workflow for hundreds of petitions every semester. Keep an eye on your email and track your status from the dashboard [20].

Petition outcome

Decisions are based on the quality of your documentation and the extent to which you have met your burden of proof. There are no exceptions granted due to unusual circumstances or financial hardship. ABOR policy defines the circumstances under which a student can be classified as a resident for tuition purposes and the Residency Classification Office and university does not have the authority to make exceptions.

Committee review

If your residency petition is denied and you believe this decision is erroneous, you can request a committee review [21]. This is a formal request to have your petition reviewed by the Residency Review Committee. The deadline to request a review will be indicated on your denial notification. Requests made after your deadline will not be processed.

Tuition and fees

Your tuition and fees are dependent on your residency classification. Until your classification is changed, you are a non-resident for tuition purposes and having a petition pending does not absolve you from your responsibility to pay your tuition and fees in full by the published deadline [17] per university policy. If your petition is approved, overpayments will be refunded to you; however, late fees and payment plan fees (if applied) are non-refundable.

Financial aid

Financial aid is calculated based partly on cost of attendance. Changes to your residency classification may cause your financial aid to be recalculated and adjusted accordingly. In some cases, your aid may be reduced or cancelled and you may be required to return funds that have already been disbursed to you. If you have questions, contact Financial Aid and Scholarship Services [22].

Visa types and residency for international students

Students who hold a visa that requires them to maintain a foreign domicile or that otherwise prohibits establishing domicile in Arizona cannot be classified as residents for tuition purposes. Temporary or non-immigrant visas do not allow an individual to obtain a permanent status in Arizona regardless of the length of the visa or the number of times it is renewed. Students who are classified as residents but are then issued a non-eligible visa type will be changed to non-resident. Please see visa types and residency eligibility list [23] for additional information.

Proposition 308

Information about Prop. 308 can be viewed: here [24]

ASU campuses and locations in other states

Per Arizona Revised Statutes, a person having a domicile other than the state of Arizona is not eligible for classification as an in-state student for tuition purposes. If you are a student at an ASU campus or location outside of Arizona, you will be classified as a nonresident unless you provide objective evidence that you are domiciled in Arizona (i.e., Arizona is your true, fixed and permanent home).

Additional information

Arizona Board of Regents (ABOR) Policy Manual [25]

Source URL: https://registrar.asu.edu/residency-requirements

Links:
[1] https://registrar.asu.edu/contact/office-university-registrar
[2] https://tuition.asu.edu/Prop308
[3] https://registrar.asu.edu/sites/default/files/how_to_petition_sept2021.pdf
[4] https://registrar.asu.edu/sites/default/files/IN_PetitionRequirements_Sep2024.pdf
[5] https://registrar.asu.edu/sites/default/files/2023-08/de_petition_instructions_aug_2021%20%282%29.pdf
[6] https://registrar.asu.edu/sites/default/files/2023-08/sp_petition_instructions_aug_2021%20%282%29.pdf
[7] https://registrar.asu.edu/sites/default/files/2023-08/tr_petition_instructions_aug_2021%20%282%29.pdf
[8] https://registrar.asu.edu/sites/default/files/Instructions_Qualifying_Federal_Service_Military_Petition_July02_2024.pdf
[9] https://registrar.asu.edu/sites/default/files/2023-08/vt_petition_instructions_july_2022%20%282%29.pdf
[10] https://registrar.asu.edu/sites/default/files/2023-08/na_petition_instructions_aug_2021%20%282%29.pdf
[11] https://registrar.asu.edu/sites/default/files/TW_Petition_Instructions_Jan_2024_01.pdf
[12] https://registrar.asu.edu/sites/default/files/2023-08/am_petition_instructions_aug_2021%20%282%29.pdf
[13] https://registrar.asu.edu/sites/default/files/2025-05/ROTC_Petition_May_2025.pdf
[14] https://registrar.asu.edu/residency-classification-contact-us
[15] https://www.azregents.edu/about/policy-manual
[16] https://go.oasis.asu.edu/residencypetition/
[17] https://registrar.asu.edu/academic-calendar
[18] https://registrar.asu.edu/residency-deadlines
[19] https://eoss.asu.edu/dos/srr
[20] https://www.asu.edu/go/residencypetition
[21] https://registrar.asu.edu/residency-appeal
[22] https://tuition.asu.edu/contact
[23] https://registrar.asu.edu/forms/visa-types-and-residency-eligibility
[24] https://tuition.asu.edu/Prop308
[25] https://www.azregents.edu/policy-manual

Residency petition documentation

Your documentation is a critical part of your petition. However, the list of documents needed can only be generated after you have completed the online questionnaire portion of your petition. Use the residency navigator [1] to help determine which petition type is most applicable to your situation and start your petition from here [2].

If you have questions or need assistance, contact the residency office [3] for help.

Submitting documentation

You will use the residency petition dashboard [2] to upload and submit all required documentation. This is a secure application that stores your documents directly to your student record. Be sure to submit all documents prior to the document deadline [4].

Here are some tips to help you with uploading your documents:

- Each requested item requires a separate file. For example, you will have one file for your driver's license, one for your voter registration, etc.
- You can and should upload multiple files for specific items. For example, 12 months of bank statements would be uploaded as 12 separate files. This simplifies the review process and makes it easier to keep track of your documents.
- You can add descriptions to your uploaded documents to clarify what that document is or why it is being provided.
- You can delete documents that were added by mistake; however, once you hit the "Submit Documents" button, your documents are saved to your student record and cannot be removed.
- Your required documents list is generated based on how you answer certain questions. All documents are important and not providing something may cause your petition to be denied.
- Per ABOR guidelines, "Objective Evidence" means documentation or information other than an individual's own statement(s) of intent. Statements of intent will not meet your burden to provide objective evidence.
- You can upload some documents and then return at a later date to finish, but nothing is official until you click on the "Submit Documents" button.
- You won't be able to submit your documents until request documents have been uploaded.
- Acceptable file types are: .BMP, .CSV, .DOC, .DOCX, .JPEG, .JPG, .PDF, .PNG, .RTF, .TIF, .TIFF, .TXT, .XLS, .XLSX
- Make it easy for your evaluator to quickly make sense of your documents by giving each file a unique or descriptive name, e.g., "May_2021_Bank_Statement".

If you get stuck or have an issue, try this: How to Upload Documents [5]. Or, let us know - we can help you through the process.

Petition fees

Petition fees can be paid from the Residency Petition Dashboard [2]. If payment is required for your petition type, your petition will not be reviewed until this fee is paid. The Residency Classification Office cannot accept or process any fee payments.

Petition instructions

Click on the link below to find instructions for your petition type.

$50 fee required

Independent Student [6]
Dependent Student [7]
Spouse of an Arizona Resident [8]
Transferred Employee [9]

No fee

Military Exception [10]
Veteran Exception [11]
American Indian Exception [12]
Teacher Waiver [13]
AmeriCorps/VISTA Exception [14]

ROTC/Contracted Cadet

Additional information

- Petitions are processed based on when they are completed (and marked as “in queue”). Submit your petition and supporting documents as early as possible.
- When you submit a petition, a priority task will appear in My ASU [15] to remind you to support your petition with appropriate documentation. Once we have what we need, this task will be removed.
- The university considers all information relevant to your request – this includes anything in your academic record – e.g. admissions application, financial aid awards, etc.
- We may verify the authenticity of all documents provided and may add our own research or findings to your petition.
- You are expected to provide all required documents. If there is something you can’t provide, please submit a written explanation instead.
- Your documentation must be clear and legible.
- All students are advised to redact sensitive information prior to the submission of certain documents, e.g., your social security number on your tax return.
- You may be asked for additional documents or written explanation.
- The burden of proof belongs to you. It is your responsibility to support your petition with appropriate documentation.
- Applications and accompanying documentation will be retained by Arizona State University in accordance with university approved requirements. All information will be kept confidential as required by law and university policy.

Resources

- Moving to Arizona? Arizona Department of Revenue [16]
- New to Arizona? Arizona Motor Vehicle Division [17]
- Request a copy of an Arizona tax return from the Arizona Department of Revenue [18]
- Request a motor vehicle record from the Arizona Motor Vehicle Division [17]
- Request a tax transcript from the Internal Revenue Service [19]
- U.S. Citizenship and Immigration Services [20]
- Deferred Action for Childhood Arrivals (DACA) [21]
- Arizona Board of Regents Residency Classification [21]

Source URL: https://registrar.asu.edu/residency-petition-documentation

Links:
[1] https://registrar.asu.edu/residency
[2] https://go.oasis.asu.edu/residencypetition/
[3] mailto:residency@asu.edu
[4] https://registrar.asu.edu/residency-deadlines
[5] https://registrar.asu.edu/sites/default/files/2023-06/how_to_upload_your_petition_documents_apr2020.pdf
[6] https://registrar.asu.edu/sites/default/files/IN_PetitionRequirements_Sep2024.pdf
[7] https://registrar.asu.edu/sites/default/files/2023-06/de_petition_instructions_aug_2021.pdf
[8] https://registrar.asu.edu/sites/default/files/2023-06/sp_petition_instructions_aug_2021.pdf
[9] https://registrar.asu.edu/sites/default/files/2023-06/tr_petition_instructions_aug_2021.pdf
[10] https://registrar.asu.edu/sites/default/files/2023-06/mi_petition_instructions_aug_2021.pdf
[11] https://registrar.asu.edu/sites/default/files/2023-06/vt_petition_instructions_july_2022.pdf
[12] https://registrar.asu.edu/sites/default/files/2023-06/na_petition_instructions_aug_2021.pdf
[13] https://registrar.asu.edu/sites/default/files/2023-06/tw_petition_instructions_aug_2021.pdf
[14] https://registrar.asu.edu/sites/default/files/2023-06/am_petition_instructions_aug_2021.pdf
[15] http://my.asu.edu/
[16] https://azdor.gov/individual-income-tax-information/moving-arizona
[17] https://azdot.gov/mvd/new-az-welcome

[18] https://azdor.gov/forms/other-forms/request-copies-tax-documents
[19] http://www.irs.gov/Individuals/Get-Transcript
[20] http://www.uscis.gov/
[21] http://www.dhs.gov/deferred-action-childhood-arrivals

Residency deadlines

Deadlines are critical and missing a deadline can have significant consequences. Refer to the table below to ensure your petition is submitted in a timely manner.

Deadlines - what they mean & why they are important	Fall 2025	Spring 2026
Petition deadline - This is the most important deadline. *Don't miss this deadline.* Failure to submit a petition by this deadline constitutes a waiver of your right to petition for this semester. Exceptions are not granted and there is no option to appeal a missed deadline.	8/27/2025	1/18/2026
Document deadline - This is the last day to submit supporting documentation and pay the fee for your petition (if applicable). Petitions that are lacking supporting documentation will be withdrawn.	9/10/2025	2/2/2026
Petition availability - Petitions for each semester are only available to students during this time-frame	2/5/2025 - 8/27/2025	9/15/2025 - 1/18/2026
Priority deadline - Petitions submitted and supported by all required documents prior to this date will be reviewed before the tuition payment deadline [1].	6/1/2025	11/1/2025
All dates are subject to change		

Petition availability

The petition is only available to non-resident students who are both admitted and term-activated for the semester in which they wish to petition (which means the semester in question has been enabled for the student – this usually coincides with registration and enrollment). The petition is not available to parents, spouses, or anyone except the student (i.e. petition can only be accessed using the student's asurite ID).

When to submit your petition

Submit your petition before the petition deadline and as early as possible. However, don't submit your petition prior to meeting all stated requirements. For example, independent students who won't meet the continuous physical presence requirement until August 1, should submit their petition after August 1; dependent students who qualify because a parent is moving to Arizona should not submit their petition until after their parent has moved to Arizona. Submitting your petition before you meet requirements may result in your petition being denied or delayed (pending additional documents).

Processing time

Processing times vary and are largely dependent on petition type and when all supporting docs are submitted. Average processing time is 2-6 weeks. Petitions submitted within one month of the petition deadline tend to take longer and often are not completed before classes begin. If you need an early decision, please submit everything (petition and all required documents) no later than the priority deadline (see above).

Source URL: https://registrar.asu.edu/residency-deadlines

Links:
[1] https://registrar.asu.edu/academic-calendar

Residency petition committee review

Students that petitioned for residency reclassification [1] but were denied by the residency office can request a review of their decision per ABOR 4-205. Reviews are only conducted only after the student's petition has been denied by the residency office.

The petition review process gives the student an opportunity to meet with the Residency Classification Review Committee and to provide additional information in support of their request to be classified as a resident for tuition purposes. Decisions made by the review committee are final.

Deadlines

Per policy, all requests for review must be filed no later than 35 days after the last day of registration [2] for the term for which your petition was submitted. Failure to file a request for a review hearing within the time prescribed shall constitute a waiver of the right to request a review hearing and the determination made by the Residency Classification Office shall be final. Students cannot request a review until their residency petition has been denied. The deadline to request a committee review will be noted on the decision summary prepared by the residency office.

Submit your review request

Before submitting your request, please review your decision summary and denial letter [1] (and current Arizona Board of Regents (ABOR) guidelines [3].) If you do not have a denial letter or decision summary, you are not yet eligible to request a committee review.

- Form: Residency Petition Committee Review Request [4]
- Additional instructions are included on the form.

New documentation

New documentation should be submitted with your review request. You will have 7 days after submitting your request to upload and submit additional documentation. This ensures that all review committee members have sufficient time to consider this new information prior to your hearing.

Scheduling

Hearing schedules are created prior to each semester based on committee member availability. Every effort will be made to accommodate your class schedule; however, with limited dates and times there can be no guarantee that your hearing will be compatible with your schedule. Requests for changes must be submitted in writing no later than 5 business days prior to your scheduled hearing.

- Reviews are prioritized and scheduled based on receipt date of your request.
- You will receive notification of your scheduled review at least 7 business days prior to your hearing.
- Hearings are only scheduled on weekdays and may be scheduled during spring, fall or winter breaks.

Review hearing

All review hearings will be conducted via Zoom and hosted by a representative from the University (who otherwise does not participate). Committees will have 3, 4 or 5 voting members, all of whom will have a thorough understanding of your situation and applicable residency requirements. Members will review all aspects of your petition and ask questions relevant to your situation. Your hearing is limited to 30 minutes and a decision will made at either the conclusion of your hearing or within 10 business days.

Attendance

It is preferable, but not required, that you attend this hearing. If you choose to not attend, your hearing will be held in absentia and the committee will make their final decision based on all information available to them. Hearings held in absentia cannot be rescheduled.

Counsel or representation

You are allowed to invite witnesses or have legal representation at your hearing. If an attorney or other person(s) will be representing you at your hearing, please provide the Residency Office with that information in advance. The format of your hearing will be determined by the committee.

Review committee decision

Decisions of the Residency Classification Review Committee are final. Overturning the decision to deny your petition requires a majority vote from the committee. In the unlikely event of a tie vote, the original decision made by the Residency Office shall stand.

Written notice of the decision made by the committee will be sent to the email address assigned to you by the University, i.e., your @asu email address.

Per ABOR policy, if your decision is upheld by the review committee (i.e. denied), there are no further procedures within the university available to you, but you may have the right to seek judicial review in the state courts. See ABOR 4-205 [5] for additional information.

Other considerations:

- All review hearings are recorded, as required by ABOR policy.
- If the decision to deny your petition is overturned, your tuition will be adjusted and/or refunded for the term in question, as applicable.
- Committee members must comply with ABOR guidelines and have no authority to make exceptions.
- Having a review scheduled does not exclude you from other deadlines, obligations or commitments, including submitting a new petition for subsequent semesters.

Source URL: https://registrar.asu.edu/residency-appeal

Links:
[1] https://go.oasis.asu.edu/residencypetition/
[2] https://registrar.asu.edu/academic-calendar
[3] https://www.azregents.edu/about/policy-manual
[4] https://registrar.asu.edu/forms/residency-appeal-form
[5] https://www.azregents.edu/policy-manual

Residency classification - contact us

Email

Email is great for questions you can't find an answer to. Be sure to include your full name and ASU ID or date of birth.

Email us [1]

Appointments

Schedule a 15-minute Zoom appointment if you don't find what you need on the residency web pages [2].

Book Now [3]

Phone

Give us a call if you have a quick question or need help finding a resource.

480-965-7712

Petition & documents

Check the status of your petition or upload documentation for your residency petition from the residency petition dashboard.

Residency petition dashboard [4]

FAQs

Your questions may be answered on our requirements [5] page or in our frequently answered questions.

FAQs [6]

Future Sun Devils

Your residency will be determined when you apply for admission. You are encouraged to apply first, and then contact us if you have questions about your classification.

Future Sun Devil [5]

Source URL: https://registrar.asu.edu/residency-classification-contact-us

Links:
[1] mailto: residency@asu.edu
[2] https://registrar.asu.edu/residency
[3] https://outlook.office365.com/book/ResidencyClassification@arizonastateu.onmicrosoft.com/
[4] https://go.oasis.asu.edu/residencypetition/
[5] https://registrar.asu.edu/residency-requirements
[6] https://registrar.asu.edu/faqs?field_topic_target_id=1

Tuition and fees

ASU tuition

How do I pay for college?

You can pay for college in a variety of ways, but one of the most important is with financial aid.

A Best Value College
Princeton Review named ASU a “Best Value College” based on academic rigor, affordability and career prospects for graduates.

More than 45%
More than 45% of ASU students graduate debt-free.

File your FAFSA

The FAFSA is the first step to getting financial aid. Learn about the FAFSA and when and how to file.

Learn about Financial Aid [1]

Find financial aid

Explore different types of financial aid from scholarships to grants and find contact information for the financial aid office.

Find Aid [1]

Manage finances

Make a payment on your ASU tuition, view your financial aid disbursements and learn how to manage your account.

Learn about billing [2]

What is tuition?

Tuition is what you pay to attend classes and earn your degree. When you hear someone say, “Tuition is $12,000 dollars,” that usually means it is $12,000 for the entire year (i.e., fall and spring semester — summer sessions tuition is usually additional). Along with tuition costs, students usually have to pay other fees. These can include athletic, lab and technology fees. Your tuition does not include certain things like your books, campus housing and food. Find a personalized tuition estimate based on your information, degree choices and residency by using the tuition estimator.

How much is ASU tuition?

Everyone's tuition differs depending on a number of factors such as what you study, how much financial aid you get, whether you live on campus and more.

Most students at ASU take advantage of financial aid. Using the tuition estimator tool, select the category that fits you best to find an estimate of how much tuition will cost for you at ASU without financial aid and before other cost reductions.

Tuition estimator [3]

Incoming on-campus students

Incoming on-campus first-year and transfer students
Connect with your admission team member [4].

Incoming graduate students
Connect with your admission team member [5].

Incoming military/veteran students
Connect with your Pat Tillman Veterans Center team member [6].

Incoming International students
Connect with your admission team member [7].

Incoming ASU Online students

Call us at
1-855-278-5080

or visit the My ASU [8] Help tab to email a specific question.

Current students

Call us
1-855-278-5080

Email us
Visit the My ASU [8] Help tab to email a specific question.

Chat with us
Launch a chat session [9]

Source URL: https://tuition.asu.edu/

Links:
[1] https://tuition.asu.edu/financial-aid
[2] https://tuition.asu.edu/billing-finances
[3] https://tuition.asu.edu/cost/tuition-estimator
[4] https://admission.asu.edu/contact/undergraduate
[5] https://admission.asu.edu/contact/graduate
[6] https://veterans.asu.edu/about-staff
[7] https://admission.asu.edu/contact
[8] https://my.asu.edu/
[9] https://webapp4.asu.edu/myasu/student/servicecenter

Definitions of ASU tuition costs and fees

As an ASU student, you will pay tuition (the cost of taking your classes) and fees (a charge for the use of something like technology or the gym). Your tuition and fees will differ from other students based on a variety of factors.

What are the tuition and fees at ASU?

ASU tuition costs vary on a number of things, the biggest being whether you are a resident or nonresident of Arizona. To determine your tuition and fees, visit our Tuition Estimator [1].

ASU fees also vary by student type, but there are some fees, such as the athletics fee, that all students are required to pay. (But by paying it you get to attend all ASU Athletics events. Go Devils!) View a complete list of ASU fees [2].

Types of ASU tuition

Resident tuition

Students who have established that they are Arizona residents for tuition purposes typically attend college at a lower rate than out of state students. Students are asked to prove their residency status by meeting certain criteria [3].

Nonresident tuition

Students who are not residents of Arizona will pay an out of state tuition rate. Some non-resident students may be eligible for reduced tuition through programs such as the Western Undergraduate Exchange [4].

International tuition

As an international student, you'll pay ASU for tuition and fees. Housing and food, books, course materials, supplies, and equipment, transportation, and personal expenses will vary. Learn more about tuition as an international student [5].

Online tuition

Online tuition and fees are closely aligned with campus tuition and fees, and ASU doesn't have out-of-state tuition for online students. Exact tuition costs will depend on your program, transfer credits and course load. Learn more about ASU Online tuition [6].

Common ASU fees

Colleges charge students various fees to support certain programs that in turn support students. These fees vary depending on the college. Read on for some examples of ASU student fees. This is not a complete list of ASU student fees, but is intended to give you an idea of what they are and what they're for.

- Recreation fee ($25) to support programs and services at the Sun Devil Fitness Complex.
- Student Service Facility fee ($75) to build and refurbish common student spaces.
- Student Programs fee ($35) for programs that support the student experience.
- Health and Wellness fee ($55) for health and counseling services.
- Student Athletic fee ($75) to support Sun Devil Athletics (and get free tickets in return).
- College and school fees These fees vary depending on your college. Check with them for more details.
- Surcharge fee This protects the university's ongoing financial health following the $24 million cut to ASU's budget enacted by the state legislature and governor of Arizona.

See a complete list of fees [2]

How can I find out how much my tuition will be?

1. Identify which ASU degree you want to earn.
2. Determine whether you are an in-state resident, or if you are an out-of-state, or international student.
3. Determine your general costs by using the tuition estimator [1] and list of common fees [2].
4. Explore your financial aid options.
5. Receive an estimate of how much financial aid you can apply to tuition costs.
6. Existing students will receive monthly eBills on My ASU.

More questions about tuition, fees and costs?

Frequently asked questions [7]

Source URL: https://tuition.asu.edu/cost/tuition-fees

Links:
[1] https://tuition.asu.edu/cost/tuition-estimator
[2] https://tuition.asu.edu/cost-calculator/tuition-fees/fee-descriptions
[3] https://registrar.asu.edu/residency
[4] https://admission.asu.edu/wue
[5] https://admission.asu.edu/aid/international
[6] https://asuonline.asu.edu/what-it-costs/
[7] https://tuition.asu.edu/contact/faq

Qualified Tuition Reduction

The Qualified Tuition Reduction Program permits eligible employees to take advantage of educational opportunities at the University.

For additional information
Please review SPP 505 [1], Employee-Reduced In-State Tuition, for additional information regarding eligibility and benefits.

Qualified Tuition Reduction Program eligibility

Reduced in-state tuition is available to faculty and staff who are employed at least 50% within the state university system, their spouses and dependent children. You must be employed on the first day of the session to be eligible for employee reduced in-state tuition. At ASU, the Qualified Tuition Reduction Form must be submitted on or before the first day of a session to qualify for reduced tuition.

Institutional merit-based aid provided by the University [2] will not exceed the value of stated resident tuition for each respective academic year when combined with the Qualified Tuition Reduction (QTR, a benefit for faculty and staff) or other tuition reduction programs (or waivers). Students offered multiple awards designated for base tuition, cannot receive more than 100% of base tuition. For questions regarding how your qualified tuition reduction benefit may impact your other financial aid awards, please contact Financial Aid [3].

Additional information

Qualified Tuition Reduction Form(s)

ASU employees must complete and submit the Qualified Tuition Reduction Form each semester to receive the reduced in-state tuition benefit for classes taken at ASU, University of Arizona and Northern Arizona University. Forms can be signed and submitted electronically utilizing Adobe Sign. Forms can be obtained online [4] and will be routed accordingly to Student Business Services for review and processing upon electronic signature by the employee. Please allow 3-5 business days before your qualified tuition reduction benefit will be reflected on your ASU student account. Forms should be submitted prior to the first day of classes and early to ensure timely processing. The outstanding balance of the ASU tuition will remain on your student account and should be paid by the tuition payment deadline to avoid late fees.

NAU and U of A Classes; ASU retirees

Please note there is a separate qualified tuition reduction form for classes at U of A or NAU and for ASU retirees taking classes at U of A, NAU or ASU. The qualified tuition reduction form for U of A/NAU/Retiree staff must be approved by staff in ASU Human Resources and then will be forwarded accordingly to the tuition payment office at the campus where classes are being taken.

Affiliate organizations

Employees of ASU affiliate organizations are also eligible for the qualified tuition reduction benefit upon verification of their employment with the affiliate organization. A different form is necessary for employees of ASU affiliates. Upon submission

of the form, ASU Student Business Services will verify employment with the applicable affiliate contact and, when confirmed, will apply the tuition reduction benefit. Due to the additional verification involved, please allow 7-10 business days for your benefit to be reflected on your ASU student account.

All forms are available on the CFO website [4] along with additional information about the qualified tuition reduction benefit. For questions or for employees preferring to manually sign their qualified tuition reduction form, please contact Student Business Services at tuitionreduction@asu.edu.

Source URL: https://tuition.asu.edu/cost/tuition-reduction

Links:
[1] http://www.asu.edu/aad/manuals/spp/spp505.html
[2] https://www.loom.com/share/4241e18164944ee58dde890eec1ab97b
[3] https://tuition.asu.edu/contact
[4] https://cfo.asu.edu/reduced-tuition
[5] mailto:tuitionreduction@asu.edu

Prop. 308

What is Prop. 308?

Arizona Proposition 308 is a legislative referral that was on the November 2022 ballot. Voters passed Prop. 308, and it became effective Dec. 5, 2022, after the election results were certified and proclaimed to be law by Governor Ducey. The Arizona Board of Regents approved Prop. 308 for implementation on Dec. 13, 2022.

With the passage of Arizona Prop. 308, some students who qualify as noncitizens may be eligible for an in-state college tuition rate. Students will be notified via email of any impact to the status of their tuition. Arizona State University is currently reviewing how Prop. 308 will impact ASU financial aid eligibility criteria.

Understanding Proposition 308: frequently asked questions

What does Prop. 308 do?

Prop. 308 made two significant changes to Arizona law.

First, with the passage of Prop. 308, a qualifying non-citizen student, with statutorily defined exceptions [1], is eligible for in-state resident tuition at state universities and community colleges if the student both:

1. Attended an Arizona public or private high school, or homeschool for a minimum of two years; and
2. Graduated from an Arizona public or private high school, or homeschool equivalent, or obtained an Arizona high school equivalency diploma, e.g., a general equivalency diploma (GED).

Second, Prop. 308 repealed A.R.S. § 15-1825, and now non-citizen students are eligible to receive financial aid funded in whole, or in part, with state monies, regardless of immigration status.

In-state tuition and Prop 308

Who qualifies for in-state tuition under Prop. 308?

A qualifying noncitizen student, other than the nonimmigrant aliens described under 8 U.S. Code § 1101(a)(15), are eligible for in-state tuition under Prop. 308, regardless of immigration status, if the student meets both of the following criteria:

1. The student attended any public or private high school or homeschool equivalent while physically present in Arizona for at least two years; and

2. The student graduated from any public or private high school or homeschool equivalent in Arizona or obtained a high school equivalency diploma in Arizona a, i.e., a GED.

Do the two years of physical presence in Arizona while attending high school need to be consecutive?

No. Students do not need to have two years of consecutive presence. However, to be eligible, they still must provide documentation that they both:

1. Attended any public or private high school option or homeschool equivalent while physically present in Arizona for at least two years; and
2. Graduated from a public or private high school option or homeschool equivalent or obtained a high school equivalency diploma in Arizona.

Will students with visas be eligible for in-state tuition?

Nonimmigrant aliens described under 8 U.S. C. § 1101(a)(15) are not eligible for in-state tuition under Prop. 308. This includes, but is not limited to, students who hold F1, F2, J1, H4 or H1 visas. For a complete list, please look at 8 U.S. C. § 1101(a)(15).

Nonimmigrant aliens described under 8 U.S. Code § 1101(a)(15) are not eligible for in-state tuition under Prop. 308.

Do the qualifying noncitizen students eligible for in-state tuition under Prop. 308 also need to prove domicile under A.R.S. § 15-1802?

No. A qualifying noncitizen student will pay in-state tuition if they meet the requirements of

A.R.S. § 15-1803(B):

1. The student attended any public or private high school or homeschool equivalent while physically present in Arizona for at least two years; and
2. The student graduated from any public or private high school or homeschool equivalent in Arizona or obtained a high school equivalency diploma in Arizona, i.e., a GED.

When will these qualifying noncitizen students be eligible to receive in-state tuition?

Prop. 308 became effective Dec. 5, 2022, after the election results were certified, and proclaimed to be law by Governor Ducey. ASU will begin to apply it toward the spring 2023 semester.

Are current qualifying noncitizen students eligible for in-state tuition?

Yes. Students who meet the requirements of Prop. 308 are eligible for in-state tuition for any semester that starts after Dec. 13, 2022. Prop. 308 does not have a retroactive effect, so students will not be reclassified for semesters that began prior to Dec. 13, 2022.

What should I do if I have questions about my residency status?

Please contact a team member at residency@asu.edu [2] about your ability to qualify for in-state tuition under Prop. 308.

Financial aid and Prop 308

How does Prop. 308 impact eligibility for financial aid?

Prop. 308 repealed an Arizona law (A.R.S. § 15-1825) that prohibited students who were not citizens of the United States and who were “without lawful immigration status” from receiving financial assistance subsidized or paid in whole, or in part, with state monies, such as tuition waivers, fee waivers, grants, scholarships, and any other type of financial aid or assistance.

With the passage of Prop. 308, all students – regardless of immigration status – may be eligible to receive financial aid paid in whole or in part with state monies to attend an Arizona public university or an Arizona community college. While Prop. 308 eliminated barriers to eligibility for financial aid based on immigration status, a student must still meet all other requirements of the state financial aid they are seeking.

To be eligible for state financial aid, a student does NOT need to meet the Arizona high school attendance or graduation criteria. That applies only to eligibility for in-state tuition.

Prop. 308 does not impact the eligibility requirements to receive federal financial aid.

When the law takes effect, are students who are eligible for in-state tuition under Prop. 308 also eligible for the Arizona Promise Program?

No. To qualify for the Arizona Promise Program, a student must meet all the eligibility requirements under A.R.S. § 15-1701. One requirement of the Promise Program is that a student must qualify for a Pell Grant, which is federal need-based financial aid. Aliens without legal immigration status, who are not citizens or legal permanent residents, do not qualify for federal financial aid. More information about the Arizona Promise Program, including eligibility requirements, is available at: www.azregents.edu/programs/arizona-promise-program [3].

Students impacted by Prop. 308 may be eligible for other state or college financial aid, in addition to private scholarships.

What other scholarships are the students impacted by Prop. 308 now eligible to apply for?

ASU offers a number of financial aid opportunities, including merit scholarships and need-based aid. Students who meet the requirements of ASU scholarships and financial aid programs are now eligible to receive them, regardless of immigration status. For additional information, visit the New American University scholarship page [4] or use the first-year merit scholarship estimator [5].

Should the students who are impacted by Prop. 308 complete the FAFSA application?

Any student who wants to apply for financial aid and who can complete the FAFSA, should complete the FAFSA. However, a student must have a Social Security number to complete a FAFSA application and some of the students who are impacted by Prop. 308 may not be eligible to complete the FAFSA. Students can visit ssa.gov/pubs/EN-05-10009.pdf [6] for more information on how to obtain an SSN.

CSS Profile: CSS Profile [7] is an online application used by colleges to award nonfederal institutional aid. The tool helps us determine eligibility and understand your specific financial situation. CSS Profile is available to qualifying domestic noncitizens who are unable to complete the FAFSA. ASU's CSS Code is 4007.

Please note: If you are eligible to submit the FAFSA, do not submit a CSS Profile application.

Have questions?

Please contact a team member at residency@asu.edu [2] about your ability to qualify for in-state tuition under Prop. 308.

Source URL: https://tuition.asu.edu/Prop308

Links:
[1] https://tuition.asu.edu/Prop308#accordion-content-787
[2] mailto:residency@asu.edu
[3] https://www.azregents.edu/programs/arizona-promise-program
[4] https://tuition.asu.edu/new-american-university
[5] https://scholarships.asu.edu/estimator
[6] https://www.ssa.gov/pubs/EN-05-10009.pdf
[7] https://cssprofile.collegeboard.org/

Tuition and fee descriptions

What are ASU tuition and fee descriptions?

ASU tuition and fees are approved annually by the Arizona Board of Regents. In addition to resident and nonresident tuition, commonly billed tuition and fees include:

Differential tuition and program tuition

Certain colleges and programs assess additional differential and program tuition as approved by the Arizona Board of Regents. Visit the Tuition and Fees Schedules [1] for college and program specific tuition and fees.

Undergraduate college fee 1-5

The Undergraduate college fee is assessed based on a student's program of study. *Effective for fall 25, programs will be categorized in one of five categories. ASU conducted a comprehensive review of all instructional costs for every program. Programs of study with similar costs were grouped together, and those fees were averaged to determine an amount of each category. Please note that some programs of study are categorized differently based on a student's online or immersion status. *Visit the Tuition Estimator [2] to determine your Undergraduate College Fee.

	Online	Immersion
Undergraduate college fee 1	College of Nursing and Health Innovation BSN Non Degree	Mary Lou Fulton College for Teaching and Learning Innovation Integrative Sciences and Arts: Humanities and Social Sciences New College and Interdisciplinary Arts and Sciences: Humanities and Social Sciences
Undergraduate college fee 2	Herberger Institute for Design and the Arts The College of Liberal Arts and Sciences: Humanities and Social Sciences Integrative Sciences and Arts: Humanities and Social Sciences New College of Interdisciplinary Arts and Sciences: Humanities and Social Sciences University College: Humanities and Social Sciences	The College of Liberal Arts and Sciences: Humanities and Social Sciences Watts College of Public Service and Community Solutions Integrative Sciences and Arts: Sciences New College of Interdisciplinary Arts and Sciences: Sciences College of Global Futures University College

	Online	Immersion
Undergraduate college fee 3	Mary Lou Fulton College for Teaching and Learning Innovation The College of Liberal Arts and Sciences: Sciences College of Public Service and Community Solutions Integrative Sciences and Arts: Sciences New College of Interdisciplinary Arts and Sciences: Sciences College of Global Futures University College: Sciences	College of Health Solutions
Undergraduate college fee 4	Thunderbird School of Global Management College of Health Solutions Walter Cronkite School of Journalism and Mass Communication	Walter Cronkite School of Journalism and Mass Communication Thunderbird School of Global Management Herberger Institute for Design and the Arts The College of Liberal Arts and Sciences: Sciences
Undergraduate college fee 5	College of Nursing and Health Innovation W.P. Carey School of Business Ira A. Fulton School of Engineering	College of Nursing and Health Innovation W.P. Carey School of Business Ira A. Fulton School of Engineering

*Prior to fall 25, undergraduate college fees were categorized in one of four categories. To determine undergraduate college fee rates prior to fall 25, visit the Tuition Estimator [3].

Technology fee

The Technology Fee assessed to students funds technology initiatives including implementation of ASU's wireless network, delivering University-licensed software to all students, increasing the number of technology-enabled classrooms, reducing dependence on computing labs and expanding and improving online self-service environment.

Graduate student support fee

The graduate student support fee helps fund resources and services that support graduate students, including technology resources and services, instructional and laboratory expenses in departments and schools, and graduate student services.

Special class, hybrid, oCourse, iCourse fees

Special Class, Hybrid, oCourse and iCourse fees are assessed based on enrollment in specific classes. These fees are published with each class through Class Search [3].

Late Registration fee

All students who register beginning the week before the first day of the semester will be assessed a late registration fee of $50.00, with the exception of students enrolling only in late start sessions. Students enrolling exclusively in late start sessions, will be assessed the late registration fee beginning one week before the session start date. Please see Tuition Deadlines [4] for specific dates. Registration after the published deadline may be permitted under extraordinary circumstances if approved by an authorized College designee. Late fees are not refundable.

**The College of Nursing and Health Innovation post-bac BSN will continue to maintain a separate fee. All other nursing programs will be in Undergraduate College Fee 3

Excess hours tuition

The Arizona Legislature enacted legislation in 2005 (A.R.S. § 15-1626) that establishes credit hour thresholds for undergraduate students who attend a public university in Arizona. Undergraduate students who enroll for credit hours beyond the applicable threshold are required to pay an Excess Hours Tuition Surcharge. Students who have more than 145 credit hours will be assessed the Undergraduate Excess Hours Tuition Surcharge.

See exemptions [5]

Surcharge fee

On Sept. 16, 2024, Arizona State University announced [6] that a tuition surcharge will be implemented in the spring 2025 semester. The surcharge, as well as other related actions taken by ASU, protects the university's ongoing financial health following the $24 million cut to ASU's budget enacted by the state legislature and governor of Arizona. This surcharge for the 2024–2025 academic year will be based on spring 2025 enrollment and added to the spring 2025 semester bills of undergraduate and graduate campus immersion students. It will be posted to My ASU beginning in late November.

- If you are taking fewer than seven credit hours in spring 2025, you will see a charge of $50 per credit hour.
- If you enroll in seven or more credit hours in spring 2025, you will see the maximum charge of $350 per semester.

There will be no surcharge added to summer sessions. ASU will continue to pursue restoration of state funding that would allow for the elimination of this tuition surcharge. Until state leaders act to restore funding, students should plan for assessment of the tuition surcharge, including in the 2025–2026 academic year.

Please note:

- Students in the Obama Scholars, Arizona Promise and College Attainment Grant programs will see the tuition surcharge on their bill, but will receive additional funds to cover the surcharge.
- Students QTR waivers and RA/TAs will see the tuition surcharge, but will receive additional funds to cover or reduce the surcharge amount.

Student initiated fee

ASU's student government leaders, on behalf of the students they represent, sought and received ABOR approval for the following Student Initiated Fees. Funding from these fees will be used to enrich the student experience.

Recreation fee

The Recreation Fee of $28.00 for the fall semester and $27.00 for the spring semester supports programs and services at the Sun Devil Fitness Complexes. Additionally, these funds are used to provide support for programs/services like intramural sports and activities, a broad array of fitness classes, aquatics programs, instructional classes, and health education workshops, events and programs. It also supplements student employment opportunities for over 500 on-campus student positions. There is an advisory board that provides routine feedback on services, hours and programs to support guidance for overall student well-being. Students interested in serving on a Sun Devil Fitness Advisory Board are encouraged to apply [7].

Student service facility fee

Students pay $100.00 per semester to a combined fund which is then utilized to build and refurbish student spaces such as Memorial Union, Sun Devil Fitness Complexes, etc. The student service facility fee allows for the enhancements of existing facilities and the planning and development of new student service facilities to meet the needs of a growing student population. For a list of facilities built and supported by the fee click here [8]. Students interested in serving on the Facility Fee University Board to participate in discussions on these building projects are encouraged to apply [7].

Student Programs fee

The Student Programs Fee funds student programming initiatives. Per semester, undergraduate campus immersion students pay $35, undergraduate digital immersion students pay $17, and graduate digital and campus immersion students pay $35. Managed by the student government at each location, this fee is used to create programming that supports the student experience, student needs and interests. Recipients of the programs fee funding include: include: Programming and Activities Board (PAB) [9], Clubs and Organizations [10], Sports Clubs [11], Council of Coalitions [12], and the Childcare Subsidy [13]. In addition to these, each USG and GPSA also uses this fee to help support professional development, travel funding to support research and attend conferences, and large scale student programs and activities- to apply for these funding opportunities visit your student government website [14]. For detailed information about each student government's budget please visit this website [15]. To provide feedback or ask questions about the fiscal budget please reach out to your respective Student Government President [16].

Health and Wellness fee

Students pay $80.00 per semester to the Health and Wellness Fee supplement the operation of ASU Health and Counseling Services. Funding supports a portion of the operating budget for medical and psychological services and health education and promotion. The Health Services Advisory Board provides routine feedback to the Director of Health Services on services provided, quality and efficiency of care, new innovations, and student needs. Students interested in serving on the Health Services Advisory Board are encouraged to apply [7].

Student Athletic fee

Students pay $100.00 per semester for the Student Athletic Fee which supplements and supports the operations of Sun Devil Athletics, in exchange for a reinvestment of university funds into student identified priorities. Through the establishment of this fee, the tuition dollars traditionally allocated to Sun Devil Athletics will be reinvested into the university system in order to grant additional resources and services as identified by the Associated Students of Arizona State University, thereby establishing students as effective stakeholders in both Sun Devil Athletics and the university system, and furthering transparency between the university and the Associated Students of Arizona State University [17] over tuition dollars. These priorities were established by the Athletic Fee Operations Board and over the years have included salary increases for Research and Teaching Assistants to a minimum standard, expanding transportation services to include weekends and holidays, free attendance to all ASU football games, and free graduate test prep programs [18]. Students interested in serving on the Athletic Fee Operations Board are encouraged to apply [7].

***Financial Aid Trust fee

The Financial Aid Trust Fee [19] assessed to all students as authorized by the Arizona Legislature.***This is a fee that all ABOR students pay, including online students.***

Student Financial Aid Trust grants are assistance provided in partnership between ASU students and the state legislature. All students are assessed this fee to create a Financial Aid Trust Fund, from which Financial Aid Trust Grants are awarded under the usual aid eligibility criteria. Fees collected from students are matched by the State of Arizona. Priority for these limited awards is given to eligible undergraduate students who file their FAFSA by the priority filing date of January 1 and who are Arizona residents or underrepresented students with high financial need.

Source URL: https://tuition.asu.edu/cost-calculator/tuition-fees/fee-descriptions

Links:
[1] http://www.asu.edu/admissions/tuitionandfees/
[2] https://tuition.asu.edu/cost/tuition-estimator
[3] https://www.asu.edu/go/classsearch/
[4] https://tuition.asu.edu/billing-finances/deadlines
[5] https://tuition.asu.edu/tuition-surcharge
[6] https://newsroom.asu.edu/budgetimpacts
[7] https://eoss.asu.edu/studentgov/get-involved/boards-committees
[8] https://tuition.asu.edu/cost-calculator/tuition-fees/fee-descriptions
[9] https://eoss.asu.edu/pab
[10] https://eoss.asu.edu/clubs/
[11] https://fitness.asu.edu/programs/sportclubs
[12] https://eoss.asu.edu/student-and-cultural-engagement/get-involved
[13] https://eoss.asu.edu/students-families/oncampus/sun-devil-child-care-subsidy
[14] https://eoss.asu.edu/studentgov/about
[15] https://docs.google.com/document/d/1eyL8E7cgBh-6szhD5XxhR1E_LXPkQE3RxP5cLZNKvgs/edit
[16] https://eoss.asu.edu/studentgov/about/contact-us
[17] https://eoss.asu.edu/studentgov
[18] https://career.asu.edu/
[19] https://public.powerdms.com/ABOR/documents/1491927

Tuition and fees schedules

All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2025-2026. However, Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents or as otherwise consistent with Board policy and to make such modifications applicable to students enrolled at ASU at that time as well as to incoming students. In addition, all tuition amounts and fees are subject to change at any time for correction of errors. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

Per semester tuition and fees - Fall 2025

General tuition and fees

[Archivist's note: dropdown tool not able to be archived; see individual items below]

Program-specific tuition and fees

Certain Graduate and Undergraduate programs charge program-specific tuition. Use the ASU Tuition and Cost of Attendance Estimator [1] to review program-specific tuition and fees.

Source URL: https://catalog.asu.edu/tuitionandfees/fees_fall2025

Links:
[1] https://tuition.asu.edu/cost/tuition-estimator

General tuition & fees

Resident undergraduate degree program and nondegree-seeking
All campuses

UNDERGRADUATE COLLEGE FEE 1 [1, 2, 3] Includes: Education, New College humanities and social sciences, CISA humanities and social sciences							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$844	$1,688	$2,532	$3,376	$4,220	$5,064	$5,911
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 1	0	0	0	0	0	0	0
Student-initiated fee [4]	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$1,071	$1,940	$2,809	$3,678	$4,547	$5,416	$6,488

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3] Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, Global Futures and University College							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$844	$1,688	$2,532	$3,376	$4,220	$5,064	$5,911
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 2	17	34	51	68	85	102	120
Student-initiated fee [4]	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$1,088	$1,974	$2,860	$3,746	$4,632	$5,518	$6,608

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3] Includes: Health Solutions							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$844	$1,688	$2,532	$3,376	$4,220	$5,064	$5,911
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 3	60	120	180	240	300	360	420
Student-initiated fee [4]	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$1,131	$2,060	$2,989	$3,918	$4,847	$5,776	$6,908

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Journalism, The College sciences, Thunderbird and Design and the Arts							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$844	$1,688	$2,532	$3,376	$4,220	$5,064	$5,911
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 4	83	166	249	332	415	498	580
Student-initiated fee [4]	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$1,154	$2,106	$3,058	$4,010	$4,962	$5,914	$7,068

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3] Includes: Engineering [5], Business, and Nursing and Health Innovation [5]							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$844	$1,688	$2,532	$3,376	$4,220	$5,064	$5,911
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 5	89	178	267	356	445	534	620
Student-initiated fee [4]	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$1,160	$2,118	$3,076	$4,034	$4,992	$5,950	$7,108

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $169 per credit hour up to a maximum of $1,183 for enrollment in 7 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergraddegreeprogallcampusresident

Links:
[1] https://tuition.asu.edu/tuition-surcharge

Non-resident undergraduate degree program and nondegree-seeking
All campuses

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) **Includes: Education, New College humanities and social sciences, CISA humanities and social sciences**												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,417	$2,834	$4,251	$5,668	$7,085	$8,502	$9,919	$11,336	$12,753	$14,170	$15,587	$17,007
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated fee (4)	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,644	$3,086	$4,528	$5,970	$7,412	$8,854	$10,496	$11,913	$13,330	$14,747	$16,164	$17,584

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3] Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, Global Futures and University College												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,417	$2,834	$4,251	$5,668	$7,085	$8,502	$9,919	$11,336	$12,753	$14,170	$15,587	$17,007
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 2	17	34	51	68	85	102	119	136	153	170	187	200
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,661	$3,120	$4,579	$6,038	$7,497	$8,956	$10,615	$12,049	$13,483	$14,917	$16,351	$17,784

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3] Includes: Health Solutions												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,417	$2,834	$4,251	$5,668	$7,085	$8,502	$9,919	$11,336	$12,753	$14,170	$15,587	$17,007
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 3	60	120	180	240	300	360	420	480	540	600	660	725
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,704	$3,206	$4,708	$6,210	$7,712	$9,214	$10,916	$12,393	$13,870	$15,347	$16,824	$18,309

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Journalism, The College Sciences, Thunderbird and Design and the Arts												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,417	$2,834	$4,251	$5,668	$7,085	$8,502	$9,919	$11,336	$12,753	$14,170	$15,587	$17,007
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 4	83	166	249	332	415	498	581	664	747	830	913	1,000
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,727	$3,252	$4,777	$6,302	$7,827	$9,352	$11,077	$12,577	$14,077	$15,577	$17,077	$18,584

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3] Includes: Engineering [5], Business, and Nursing and Health Innovation [5]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,417	$2,834	$4,251	$5,668	$7,085	$8,502	$9,919	$11,336	$12,753	$14,170	$15,587	$17,007
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 5	89	178	267	356	445	534	623	712	801	890	979	1,065
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,733	$3,264	$4,795	$6,326	$7,857	$9,388	$11,119	$12,625	$14,131	$15,637	$17,143	$18,649

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $284 per credit hour

up to a maximum of $3,402 for enrollment in 12 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergraddegreeprogallcampusnonresident

Links:
[1] https://tuition.asu.edu/tuition-surcharge

International undergraduate degree program and nondegree-seeking
All campuses

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) **Includes: Education, New College humanities and social sciences, CISA humanities and social sciences**												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,550	$3,100	$4,650	$6,200	$7,750	$9,300	$10,850	$12,400	$13,950	$15,500	$17,050	$18,601
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated fee (4)	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and fees	$1,777	$3,352	$4,927	$6,502	$8,077	$9,652	$11,427	$12,977	$14,527	$16,077	$17,627	$19,178

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3]
Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, Global Futures and University College

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,550	$3,100	$4,650	$6,200	$7,750	$9,300	$10,850	$12,400	$13,950	$15,500	$17,050	$18,601
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 2	17	34	51	68	85	102	119	136	153	170	187	200
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and fees	$1,794	$3,386	$4,978	$6,570	$8,162	$9,754	$11,546	$13,113	$14,680	$16,247	$17,814	$19,378

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3]
Includes: Health Solutions

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,550	$3,100	$4,650	$6,200	$7,750	$9,300	$10,850	$12,400	$13,950	$15,500	$17,050	$18,601
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 3	60	120	180	240	300	360	420	480	540	600	660	725
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and fees	$1,837	$3,472	$5,107	$6,742	$8,377	$10,012	$11,847	$13,457	$15,067	$16,677	$18,287	$19,903

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Journalism, The College sciences, Thunderbird and Design and the Arts												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,550	$3,100	$4,650	$6,200	$7,750	$9,300	$10,850	$12,400	$13,950	$15,500	$17,050	$18,601
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 4	83	166	249	332	415	498	581	664	747	830	913	1,000
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and fees	$1,860	$3,518	$5,176	$6,834	$8,492	$10,150	$12,008	$13,641	$15,274	$16,907	$18,540	$20,178

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3] Includes: Engineering [6], Business, and Nursing and Health Innovation [6]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,550	$3,100	$4,650	$6,200	$7,750	$9,300	$10,850	$12,400	$13,950	$15,500	$17,050	$18,601
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 5	89	178	267	356	445	534	623	712	801	890	979	1,065
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and fees	$1,866	$3,530	$5,194	$6,858	$8,522	$10,186	$12,050	$13,689	$15,328	$16,967	$18,606	$20,243

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $284 per credit hour

up to a maximum of $3,402 for enrollment in 12 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently proposed for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) International programs will continue to maintain a separate Student Health Insurance and International Student Fee. Please review our ASU Tuition Estimator [2] for additional details.

(6) The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering professional flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25international

Links:
[1] https://tuition.asu.edu/tuition-surcharge

Resident undergraduate online degree program *Online campus

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3, 4) **Includes: Non-degree programs. For Nursing BSN** (5, 6) **please see footnotes below.**																		
	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,739	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911
Undergraduate college fee 1	21	42	63	84	105	126	147	168	189	210	231	252	273	294	315	336	357	378
Student-initiated fee (7)	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total resident online undergraduate tuition and fees	$648	$1,249	$1,850	$2,451	$3,052	$3,653	$4,283	$4,884	$5,485	$6,025	$6,218	$6,239	$6,260	$6,281	$6,302	$6,323	$6,344	$6,365

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3, 4]

Includes: CISA humanities and social sciences, The College humanities and social sciences, Design and the Arts, and New College humanities and social sciences

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,739	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911
Undergraduate college fee 2	44	88	132	176	220	264	308	352	396	440	484	528	572	616	660	704	748	792
Student-initiated fee [7]	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total resident online undergraduate tuition and fees	$671	$1,295	$1,919	$2,543	$3,167	$3,791	$4,444	$5,068	$5,692	$6,255	$6,471	$6,515	$6,559	$6,603	$6,647	$6,691	$6,735	$6,779

UNDERGRADUATE COLLEGE FEE 3 [1, 2 ,3 ,4]

Includes: CISA sciences, The College sciences, New College sciences, Education, Public Service and Community Solutions, and Global Futures

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident online undergraduate Tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,739	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911
Undergraduate college fee 3	65	130	195	260	325	390	455	520	585	650	715	780	845	910	975	1,040	1,105	1,170
Student-initiated fee [7]	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total resident online undergraduate tuition and fees	$692	$1,337	$1,982	$2,627	$3,272	$3,917	$4,591	$5,236	$5,881	$6,465	$6,702	$6,767	$6,832	$6,897	$6,962	$7,027	$7,092	$7,157

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3, 4] Includes: Health Solutions and Thunderbird																		
	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,739	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911
Undergraduate college fee 4	128	256	384	512	640	768	896	1,024	1,152	1,280	1,408	1,536	1,664	1,792	1,920	2,048	2,176	2,304
Student-initiated fee [7]	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total resident online undergraduate tuition and fees	$755	$1,463	$2,171	$2,879	$3,587	$4,295	$5,032	$5,740	$6,448	$7,095	$7,395	$7,523	$7,651	$7,779	$7,907	$8,035	$8,163	$8,291

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3, 4, 5] Includes: Nursing and Health Innovation, Engineering, and Business																		
	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,739	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911	$5,911
Undergraduate college fee 5	136	272	408	544	680	816	952	1,088	1,224	1,360	1,496	1,632	1,768	1,904	2,040	2,176	2,312	2,448
Student-initiated fee [7]	47	4	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total resident online undergraduate tuition and fees	$763	$1,479	$2,195	$2,911	$3,627	$4,343	$5,088	$5,804	$6,520	$7,175	$7,483	$7,619	$7,755	$7,891	$8,027	$8,163	$8,299	$8,435

[1] Online tuition for resident students is capped at 10 credit hours, which is a maximum rate of $5,739.

[2] Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

[3] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For online students, the excess hours tuition is $116 per credit hour up to a maximum of $1,392 for enrollment in 12 or more hours. Students should see Undergraduate Excess Hours [1] for additional information.

[4] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that

all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(5) The College of Nursing and Health Innovation *post-bac BSN*, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

(6) The College of Nursing and Health Innovation *RN to BSN* program will continue to maintain a separate program fee or base tuition rate. For this program, undergrad tuition for resident students is capped at 11 credit hours, which is a maximum rate of $5,739. Please review our ASU Tuition Estimator [2] for additional details regarding the program.

(7) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25UndergradOnlineResident

Links:
[1] https://tuition.asu.edu/tuition-surcharge
[2] https://tuition.asu.edu/cost/tuition-estimator

Non-resident undergraduate online degree program *Online campus

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3, 4) **Includes: Non-degree programs. For Nursing BSN (5, 6) please see footnotes below.**																		
	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,800	$6,380	$6,960	$7,540	$8,120	$8,700	$9,280	$9,860	$10,440
Undergraduate college fee 1	21	42	63	84	105	126	147	168	189	210	231	252	273	294	315	336	357	378
Student-initiated fee (7)	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total non-resident online undergraduate tuition and fees	$648	$1,249	$1,850	$2,451	$3,052	$3,653	$4,283	$4,884	$5,485	$6,086	$6,687	$7,288	$7,889	$8,490	$9,091	$9,692	$10,293	$10,894

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3, 4]
Includes: CISA humanities and social sciences, The College humanities and social sciences, Design and the Arts, New College humanities and social sciences

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,800	$6,380	$6,960	$7,540	$8,120	$8,700	$9,280	$9,860	$10,440
Undergraduate college fee 2	44	88	132	176	220	264	308	352	396	440	484	528	572	616	660	704	748	792
Student-initiated fee [7]	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total non-resident online undergraduate tuition and fees	$671	$1,295	$1,919	$2,543	$3,167	$3,791	$4,444	$5,068	$5,692	$6,316	$6,940	$7,564	$8,188	$8,812	$9,436	$10,060	$10,684	$11,308

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3, 4]
Includes: CISA sciences, The College sciences, New College sciences, Education, Public Service and Community Solutions, and Global Futures

	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,800	$6,380	$6,960	$7,540	$8,120	$8,700	$9,280	$9,860	$10,440
Undergraduate college fee 3	65	130	195	260	325	390	455	520	585	650	715	780	845	910	975	1,040	1,105	1,170
Student-initiated fee [7]	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total non-resident online undergraduate tuition and fees	$692	$1,337	$1,982	$2,627	$3,272	$3,917	$4,591	$5,236	$5,881	$6,526	$7,171	$7,816	$8,461	$9,106	$9,751	$10,396	$11,041	$11,686

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3, 4] Includes: Health Solutions, Thunderbird and Journalism																		
	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,800	$6,380	$6,960	$7,540	$8,120	$8,700	$9,280	$9,860	$10,440
Undergraduate college fee 4	128	256	384	512	640	768	896	1,024	1,152	1,280	1,408	1,536	1,664	1,792	1,920	2,048	2,176	2,304
Student-initiated fee [7]	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total non-resident online undergraduate tuition and fees	$755	$1,463	$2,171	$2,879	$3,587	$4,295	$5,032	$5,740	$6,448	$7,156	$7,864	$8,572	$9,280	$9,988	$10,696	$11,404	$12,112	$12,820

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3, 4, 5] Includes: Engineering, Business, and Nursing and Health Innovation																		
	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-resident online undergraduate tuition	$580	$1,160	$1,740	$2,320	$2,900	$3,480	$4,060	$4,640	$5,220	$5,800	$6,380	$6,960	$7,540	$8,120	$8,700	$9,280	$9,860	$10,440
Undergraduate College Fee 5	136	272	408	544	680	816	952	1,088	1,224	1,360	1,496	1,632	1,768	1,904	2,040	2,176	2,312	2,448
Student-initiated fee [7]	47	47	47	47	47	47	76	76	76	76	76	76	76	76	76	76	76	76
Total non-resident online undergraduate tuition and fees	$763	$1,479	$2,195	$2,911	$3,627	$4,343	$5,088	$5,804	$6,520	$7,236	$7,952	$8,668	$9,384	$10,100	$10,816	$11,532	$12,248	$12,964

[1] Online tuition for non-resident students is billed per credit hour with no cap.

[2] Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

[3] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For online students, the excess hours tuition is $116 per credit hour up to a maximum of $1,392 for enrollment in 12 or more hours. Students should see Undergraduate Excess hours [1] for additional information.

(4) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(5) The College of Nursing and Health Innovation *post-bac BSN*, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

(6) The College of Nursing and Health Innovation *RN to BSN* program will continue to maintain a separate program fee or base tuition rate. Please review our ASU Tuition Estimator [2] for additional details regarding the program.

(7) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees is used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25UndergradOnlineNonResident

Links:
[1] https://tuition.asu.edu/tuition-surcharge
[2] https://tuition.asu.edu/cost/tuition-estimator

Resident undergraduate degree program
Rural community college-based programs*

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) **Includes: Education, New College humanities and social sciences, CISA humanities and social sciences**												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident undergraduate tuition	$434	$754	$1,076	$1,398	$1,717	$2,038	$2,359	$2,680	$3,001	$3,321	$3,548	$3,548
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated fee (4)	48	48	48	48	48	48	94	94	94	94	94	94
Total resident undergraduate tuition and fees	$507	$852	$1,199	$1,546	$1,890	$2,236	$2,628	$2,949	$3,270	$3,590	$3,817	$3,817

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3]
Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident undergraduate tuition	$434	$754	$1,076	$1,398	$1,717	$2,038	$2,359	$2,680	$3,001	$3,321	$3,548	$3,548
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 2	17	34	51	68	85	102	120	120	120	120	120	120
Student-initiated fee [4]	48	48	48	48	48	48	94	94	94	94	94	94
Total resident undergraduate tuition and fees	$524	$886	$1,250	$1,614	$1,975	$2,338	$2,748	$3,069	$3,390	$3,710	$3,937	$3,937

UNDERGRADUATE COLLEGE FEE 3 [1, 2, 3]
Includes: Health Solutions

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident undergraduate tuition	$434	$754	$1,076	$1,398	$1,717	$2,038	$2,359	$2,680	$3,001	$3,321	$3,548	$3,548
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 3	60	120	180	240	300	360	420	420	420	420	420	420
Student-initiated fee [4]	48	48	48	48	48	48	94	94	94	94	94	94
Total resident undergraduate tuition and fees	$567	$972	$1,379	$1,786	$2,190	$2,596	$3,048	$3,369	$3,690	$4,010	$4,237	$4,237

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Journalism, The College sciences, Thunderbird and Design and the Arts												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident undergraduate tuition	$434	$754	$1,076	$1,398	$1,717	$2,038	$2,359	$2,680	$3,001	$3,321	$3,548	$3,548
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 4	83	166	249	332	415	498	580	580	580	580	580	580
Student-initiated fee [4]	48	48	48	48	48	48	94	94	94	94	94	94
Total resident undergraduate tuition and fees	$590	$1,018	$1,448	$1,878	$2,305	$2,734	$3,208	$3,529	$3,850	$4,170	$4,397	$4,397

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3] Includes: Engineering, Business, and Nursing and Health Innovation [5]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Resident undergraduate tuition	$434	$754	$1,076	$1,398	$1,717	$2,038	$2,359	$2,680	$3,001	$3,321	$3,548	$3,548
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 5	89	178	267	356	445	534	620	620	620	620	620	620
Student-initiated fee [4]	48	48	48	48	48	48	94	94	94	94	94	94
Total resident undergraduate tuition and dees	$596	$1,030	$1,466	$1,902	$2,335	$2,770	$3,248	$3,569	$3,890	$4,210	$4,437	$4,437

* The Rural Community College-based Program rate pertains to community college locations based outside Maricopa and Pima counties.

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $169 per credit hour up to a maximum of $1,183 for enrollment in 7 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2025-2026. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student Initiated Fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergradcommunitycollegebaseddegreepro

Links:
[1] https://tuition.asu.edu/tuition-surcharge

Undergraduate degree program
The Polytechnic School, freshmen and sophomores*

UNDERGRADUATE COLLEGE FEE 5 (1, 2, 3) **Includes: Engineering** (4)							
RESIDENT	**ENROLLED HOURS**						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$760	$1,520	$2,280	$3,040	$3,800	$4,560	$5,320
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 5	89	178	267	356	445	534	620
Student-initiated fee (5)	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$1,076	$1,950	$2,824	$3,698	$4,572	$5,446	$6,517

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3] Includes: Engineering [4]												
NON-RESIDENT	**ENROLLED HOURS**											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,276	$2,552	$3,828	$5,104	$6,380	$7,656	$8,932	$10,208	$11,484	$12,760	$14,036	$15,307
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 5	89	178	267	356	445	534	623	712	801	890	979	1,065
Student-initiated fee [5]	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,592	$2,982	$4,372	$5,762	$7,152	$8,542	$10,132	$11,497	$12,862	$14,227	$15,592	$16,949

UNDERGRADUATE COLLEGE FEE 5 [1, 2, 3] Includes: Engineering [4]												
INTERNATIONAL	**ENROLLED HOURS**											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,395	$2,790	$4,185	$5,580	$6,975	$8,370	$9,765	$11,160	$12,555	$13,950	$15,345	$16,741
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 5	89	178	267	356	445	534	623	712	801	890	979	1,065
Student-initiated fee [5]	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and dees	$1,711	$3,220	$4,729	$6,238	$7,747	$9,256	$10,965	$12,449	$13,933	$15,417	$16,901	$18,383

*Undergraduate Freshmen and Sophomores in The Polytechnic School are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $169 per credit hour up to a maximum of $1,183 for enrollment in 7 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering professional flight program, and the ASU-Draper University Entrepreneurship Incubator program will continue to maintain a separate program or class fee.

(5) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergradpolyugtsfreshsoph

Links:
[1] https://tuition.asu.edu/tuition-surcharge

Resident undergraduate degree program
New College of Interdisciplinary Arts and Sciences
Freshman & sophomores*

UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) **Includes: New College humanities and social sciences**							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$760	$1,520	$2,280	$3,040	$3,800	$4,560	$5,320
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 1	0	0	0	0	0	0	0
Student-initiated fee (4)	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$987	$1,772	$2,557	$3,342	$4,127	$4,912	$5,897

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3] Includes: New College sciences							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident undergraduate tuition	$760	$1,520	$2,280	$3,040	$3,800	$4,560	$5,320
Tuition surcharge	25	50	75	100	125	150	175
Undergraduate college fee 2	17	34	51	68	85	102	120
Student-initiated fee [4]	202	202	202	202	202	202	402
Total resident undergraduate tuition and fees	$1,004	$1,806	$2,608	$3,410	$4,212	$5,014	$6,017

*Undergraduate Freshmen and Sophomores in the New College of Interdisciplinary Arts and Sciences are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

[1] Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $169 per credit hour up to a maximum of $1,183 for enrollment in 7 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

[2] Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

[3] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

[4] ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

[5] The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergradwestugasfrshsoph

Links:
[1] https://tuition.asu.edu/tuition-surcharge

Non-resident undergraduate degree program
New College of Interdisciplinary Arts and Sciences
Freshmen and sophomores*

UNDERGRADUATE COLLEGE FEE 1 [1, 2, 3] Includes: New College humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,276	$2,552	$3,828	$5,104	$6,380	$7,656	$8,932	$10,208	$11,484	$12,760	$14,036	$15,307
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,503	$2,804	$4,105	$5,406	$6,707	$8,008	$9,509	$10,785	$12,061	$13,337	$14,613	$15,884

UNDERGRADUATE COLLEGE FEE 2 [1, 2 ,3] Includes: New College sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,276	$2,552	$3,828	$5,104	$6,380	$7,656	$8,932	$10,208	$11,484	$12,760	$14,036	$15,307
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 2	17	34	51	68	85	102	119	136	153	170	187	200
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total non-resident undergraduate tuition and fees	$1,520	$2,838	$4,156	$5,474	$6,792	$8,110	$9,628	$10,921	$12,214	$13,507	$14,800	$16,084

*Undergraduate Freshmen and Sophomores in The New College of Interdisciplinary Arts and Sciences are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $284 per credit hour up to a maximum of $3,402 for enrollment in 12 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergradwestugasfrshsophnonres

Links:
[1] https://tuition.asu.edu/tuition-surcharge

International Undergraduate Degree Program
New College of Interdisciplinary Arts and Sciences
Freshmen and Sophomores*

UNDERGRADUATE COLLEGE FEE 1 [1, 2, 3] Includes: New College humanities and social sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,395	$2,790	$4,185	$5,580	$6,975	$8,370	$9,765	$11,160	$12,555	$13,950	$15,345	$16,741
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 1	0	0	0	0	0	0	0	0	0	0	0	0
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and fees	$1,622	$3,042	$4,462	$5,882	$7,302	$8,722	$10,342	$11,737	$13,132	$14,527	$15,922	$17,318

UNDERGRADUATE COLLEGE FEE 2 [1, 2, 3] Includes: New College sciences												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,395	$2,790	$4,185	$5,580	$6,975	$8,370	$9,765	$11,160	$12,555	$13,950	$15,345	$16,741
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Undergraduate college fee 2	17	34	51	68	85	102	119	136	153	170	187	200
Student-initiated fee [4]	202	202	202	202	202	202	402	402	402	402	402	402
Total international undergraduate tuition and fees	$1,639	$3,076	$4,513	$5,950	$7,387	$8,824	$10,461	$11,873	$13,285	$14,697	$16,109	$17,518

*Undergraduate Freshmen and Sophomores in the New College of Interdisciplinary Arts and Sciences are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is $284 per credit hour up to a maximum of $3,402 for enrollment in 12 or more credit hours. Students should see Undergraduate Excess Hours [1] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) International programs will continue to maintain a separate Student Health Insurance and International Student Fee. Please review our ASU Tuition Estimator [2] for additional details.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergradwestugasfrshsophintl

Links:
[1] https://tuition.asu.edu/tuition-surcharge
[2] https://tuition.asu.edu/cost/tuition-estimator

Arizona resident undergraduate degree program and nondegree-seeking ASU California center

UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3) **Includes: Herberger Institute for Design and the Arts**							
RESIDENT	**ENROLLED HOURS**						
	1	2	3	4	5	6	7 & Over
Arizona resident undergraduate tuition *	$844	$1,688	$2,532	$3,376	$4,220	$5,064	$5,911
Undergraduate college fee 4	83	166	249	332	415	498	580
Student-initiated fee (4)	48	48	48	48	48	48	94
Total resident undergraduate tuition and fees	$975	$1,902	$2,829	$3,756	$4,683	$5,610	$6,585

Non-resident undergraduate degree program and nondegree-seeking ASU California center

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Herberger Institute for Design and the Arts												
NON-RESIDENT	**ENROLLED HOURS**											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-resident undergraduate tuition	$1,042	$2,084	$3,126	$4,168	$5,210	$6,252	$7,294	$8,336	$9,378	$10,420	$11,462	$12,500
Undergraduate college fee 4	83	166	249	332	415	498	581	664	747	830	913	1,000
Student-initiated fee [4]	48	48	48	48	48	48	94	94	94	94	94	94
Total non-resident undergraduate tuition and fees	$1,173	$2,298	$3,423	$4,548	$5,673	$6,798	$7,969	$9,094	$10,219	$11,344	$12,469	$13,594

International undergraduate degree program and nondegree-seeking ASU California center

UNDERGRADUATE COLLEGE FEE 4 [1, 2, 3] Includes: Herberger Institute for Design and the Arts												
INTERNATIONAL	**ENROLLED HOURS**											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International undergraduate tuition	$1,550	$3,100	$4,650	$6,200	$7,750	$9,300	$10,850	$12,400	$13,950	$15,500	$17,050	$18,601
Undergraduate college fee 4	83	166	249	332	415	498	581	664	747	830	913	1,000
Student-initiated fee [4]	48	48	48	48	48	48	94	94	94	94	94	94
Total international undergraduate tuition and fees	$1,681	$3,314	$4,947	$6,580	$8,213	$9,846	$11,525	$13,158	$14,791	$16,424	$18,057	$19,695

*The resident rate above pertains to Arizona residents. For additional information on residency classification requirements, students should refer to Residency for Tuition Purposes [1].

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is $169 per credit hour up to a maximum of $1,183 for enrollment in 7 or more credit hours. For non-resident students, the excess hours tuition is $284 per credit hour up to a maximum of $3,402 for enrollment in 12 or more credit hours. Students should see Undergraduate Excess Hours [2] for additional information.

(2) Students admitted to Barrett, the Honors College are assessed a $1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25undergraddegreecalifornia

Links:
[1] https://registrar.asu.edu/residency
[2] https://tuition.asu.edu/tuition-surcharge

Graduate degree program
All residencies

RESIDENT (1)							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Graduate resident tuition	$924	$1,848	$2,772	$3,696	$4,620	$5,544	$6,470
Tuition surcharge	25	50	75	100	125	150	175
Student-initiated fee (2)	219	219	219	219	219	219	402
Graduate student support fee (3)	73	73	73	73	73	73	145
Total resident graduate tuition and fees (4)	$1,241	$2,190	$3,139	$4,088	$5,037	$5,986	$7,192

NON-RESIDENT [1]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Graduate non-resident tuition	$1,545	$3,090	$4,635	$6,180	$7,725	$9,270	$10,815	$12,360	$13,905	$15,450	$16,995	$18,543
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Student-initiated fee [2]	219	219	219	219	219	219	402	402	402	402	402	402
Graduate student support fee [3]	73	73	73	73	73	73	145	145	145	145	145	145
Total non-resident graduate tuition and fees [4]	$1,862	$3,432	$5,002	$6,572	$8,142	$9,712	$11,537	$13,082	$14,627	$16,172	$17,717	$19,265

INTERNATIONAL [1]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Graduate international tuition	$1,686	$3,372	$5,058	$6,744	$8,430	$10,116	$11,802	$13,488	$15,174	$16,860	$18,546	$20,226
Tuition surcharge	25	50	75	100	125	150	175	175	175	175	175	175
Student-initiated fee [2]	219	219	219	219	219	219	402	402	402	402	402	402
Graduate student support fee [3]	73	73	73	73	73	73	145	145	145	145	145	145
Total international graduate tuition and fees [4]	$2,003	$3,714	$5,425	$7,136	$8,847	$10,558	$12,524	$14,210	$15,896	$17,582	$19,268	$20,948

[1] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase

or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Please note all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(2) ASU's government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(3) The Graduate Student Support fee helps fund resources and services that support graduate students, including technology resources and services, instructional and laboratory expenses in departments and schools, and graduate student services. Students enrolled in one continuing registration course credit will be charged a reduced rate of $50.00

(4) Certain graduate programs are assessed differential tuition or program fees, depending on the college or program. Students should use the Tuition and Cost of Attendance Estimator [1] to review program specific tuition and fees.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25graduate

Links:
[1] https://students.asu.edu/tuition

Graduate degree program
Online* campus

RESIDENT																		
ENROLLED HOURS (1, 2, 4, 5)																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident graduate online tuition	$605	$1,210	$1,815	$2,420	$3,025	$3,630	$4,235	$4,840	$5,445	$6,050	$6,470	$6,470	$6,470	$6,470	$6,470	$6,470	$6,470	$6,470
Student-initiated fee(3)	75	75	75	75	75	75	104	104	104	104	104	104	104	104	104	104	104	104
Graduate student support fee (6)	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
Total resident graduate online tuition & fees (7)	$695	$1,315	$1,935	$2,555	$3,175	$3,795	$4,444	$5,064	$5,684	$6,304	$6,739	$6,754	$6,769	$6,784	$6,799	$6,814	$6,829	$6,844

NON-RESIDENT																		
ENROLLED HOURS [1, 2, 4, 5]																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-resident graduate online tuition	$605	$1,210	$1,815	$2,420	$3,025	$3,630	$4,235	$4,840	$5,445	$6,050	$6,655	$7,260	$7,865	$8,470	$9,075	$9,680	$10,285	$10,890
Student-initiated fee[3]	75	75	75	75	75	75	104	104	104	104	104	104	104	104	104	104	104	104
Graduate student support fee [6]	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
Total non-resident graduate online tuition & fees [7]	$695	$1,315	$1,935	$2,555	$3,175	$3,795	$4,444	$5,064	$5,684	$6,304	$6,924	$7,544	$8,164	$8,784	$9,404	$10,024	$10,644	$11,264

[1] Effective for fall 2018, online tuition for resident students will be capped at 11 credit hours; however, online tuition for non-resident students is billed per credit hour with no cap.

[2] Special Class fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search [1].

[3] The student-initiated fee for graduate online students includes the Financial Aid Trust Fee and the Graduate & Professional Student Association (GPSA) Fee.

[4] Students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on the excess hours. For resident and non-resident students, the excess hours tuition rate is $116 per credit hour. Students should see Undergraduate Excess Hours [2] for additional information.

[5] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

[6] The Graduate Student Support fee helps fund resources and services that support graduate students, including technology resources and services, instructional expenses in departments and schools, and graduate student services.

[7] Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college or program. Students should use the Tuition and Cost of Attendance Estimator [3] to review program-specific tuition and fees.

*Graduate online programs with differential tuition [4] for use by Department of Defense students using tuition assistance.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25Grad-PostBaccOnline

Links:
[1] https://webapp4.asu.edu/catalog/
[2] https://tuition.asu.edu/tuition-surcharge
[3] https://tuition.asu.edu/cost/tuition-estimator
[4] https://catalog.asu.edu/sites/default/files/2023-03/edplus_online_programs-_grad.xlsx

Graduate degree program
ASU California center, all residencies

ARIZONA RESIDENT [1]							
	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Graduate Arizona resident tuition *	$844	$1,688	$2,532	$3,376	$4,220	$5,064	$5,911
Student-initiated fee [2]	65	65	65	65	65	65	94
Total resident graduate tuition and fees [3]	$909	$1,753	$2,597	$3,441	$4,285	$5,129	$6,005

NON-RESIDENT [1]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Graduate non-resident tuition	$1,042	$2,084	$3,126	$4,168	$5,210	$6,252	$7,294	$8,336	$9,378	$10,420	$11,462	$12,500
Student-initiated fee [2]	65	65	65	65	65	65	94	94	94	94	94	94
Total non-resident graduate tuition and fees [3]	$1,107	$2,149	$3,191	$4,233	$5,275	$6,317	$7,388	$8,430	$9,472	$10,514	$11,556	$12,594

INTERNATIONAL [1]												
	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Graduate international tuition	$1,686	$3,372	$5,058	$6,744	$8,430	$10,116	$11,802	$13,488	$15,174	$16,860	$18,546	$20,226
Student-initiated fee [2]	65	65	65	65	65	65	94	94	94	94	94	94
Total international fraduate tuition and fees [3]	$1,751	$3,437	$5,123	$6,809	$8,495	$10,181	$11,896	$13,582	$15,268	$16,954	$18,640	$20,320

*The resident rate above pertains to Arizona residents. For additional information on residency classification requirements, students should refer to Residency for Tuition Purposes [1].

[1] All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2025-2026 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Please note all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

[2] ASU's government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

[3] Certain graduate programs are assessed differential tuition or program fees, depending on the college or program. Students should use the Tuition and Cost of Attendance Estimator [2] to review program specific tuition and fees.

Source URL: https://catalog.asu.edu/tuitionandfees/fall25Graddegreecalifornia

Links:
[1] https://students.asu.edu/residency
[2] https://students.asu.edu/tuition

Tuition payment options

Paying your bill

Students and parents have a variety of options for easily paying their tuition and charges. Our team is here to help you figure out which option is right for you so that you can stay on track and keep your account current. Keep in mind that in order for a parent or guest to make a payment, they need to have guest access in My ASU.

Watch video: How to make a payment [1].

Watch video: How to grant guest access [2].

How can I make payments?

You have a choice of convenient options to make your payments. See which option is best for you.

Pay online

To pay online, you can submit your payment on My ASU.

1. Sign in to My ASU [3].
2. Select the Finances link at the top of the page.
3. Click Pay Bill to be transferred to QuikPAY.

eChecks (electronic check payment)

eChecks are a fast and simple online payment method that can be made from a U.S. checking or savings accounts. You'll need your bank's routing number and your account number, which you'll find on the bottom of your checks or you can get it from your account with your financial institution. eChecks are ASU's preferred payment method and are free. Read the eCheck FAQs [4] for more information.

Credit and debit cards

ASU does not directly accept credit or debit card payments for tuition and student account charges, but has arranged for a third-party processor to accept Visa, MasterCard, Discover and American Express payments online through QuikPAY. The processor charges a non-refundable 2.5% service fee for domestic credit and debit card payments and 4.25% for international credit and debit card payments. Credit and debit card payments are only accepted online and are not accepted by mail, over the phone or in person. Read the credit card FAQs [4] for additional information.

International payments - Flywire

International students can make payments safely and securely through Flywire. With Flywire, you can make payments from banks worldwide with favorable exchange rates, typically in your home currency. You also have 24-hour multilingual customer support via email, live chat or phone to assist you with payment-related questions. See additional information about Flywire [5].

Note: Please be aware that Flywire is the only vendor authorized by ASU to facilitate international payments. For safety and security reasons, you should not attempt to make international payments through other companies or third-party vendors or via direct wire transfers to the university, especially those requesting My ASU login credentials, which should be kept private at all times.

In person

Personal checks, cashier's checks, money orders and cash payments are accepted in person at Cashiering Services locations on all four campuses [6].

By mail-in check or prepaid college savings plan

ASU accepts personal checks, cashier's checks, money orders, and prepaid or college savings plan (529) payments by mail. Please make the check or money order payable to the order of Arizona State University and include your student ID number on the memo line. Checks should be mailed to the following address:

ASU Cashiering Services
1151 S. Forest Ave., Ste. 244
PO Box 870303
Tempe, AZ 85287-0303

Mail checks at least two weeks prior to your tuition due date to avoid automatic enrollment in the ASU payment plan.

Federal Perkins Loan repayment

ASU is your lender, and you'll repay ASU once your Perkins Loan moves to repayment status (typically nine months after graduation, withdrawal from school or dropping below half-time enrollment). Monthly payments depend on your loan amount and length of your repayment period. Payments can be made online. For complete details on repaying your Federal Perkins Loan, visit tuition.asu.edu/perkins-loan-repayment [7].

***Please note that effective September 30, 2017, new Perkins loans are no longer available as this program was discontinued.

What happens if I can't pay my charges on time?

If you are unable to pay your charges by the Tuition & Fee Payment Deadline [8], you may enroll in the ASU Payment Plan [9]. The ASU payment plan offers you the option to budget your payment of certain university charges over several months within the semester. Eligible charges include tuition, housing, food plans, parking permits and health insurance. If you have outstanding charges of $500 or more after the payment deadline, you'll be automatically enrolled in the ASU Payment Plan and be billed an ASU Payment Plan fee.

Other things to know

Using your financial aid to pay your charges
Pay with aid [10]

Pay for college with third-party sponsorships
Pay with sponsorships [11]

Payment plan
Learn about payment plans [9]

ASU tuition refund policy
Learn about refunds [12]

Source URL: https://tuition.asu.edu/billing-finances/pay-options

Links:
[1] https://www.loom.com/share/2abd22b0ec5a4e7f9504644aa3b8d143?sid=981021d4-c63a-4316-8308-363561de869d
[2] https://www.loom.com/share/cd649a92853c4f5abc380e4356f2bf0a?sid=287a6eed-19e2-4004-952e-db4f2a8e5e8b
[3] http://my.asu.edu/
[4] https://tuition.asu.edu/contact/faq
[5] https://tuition.asu.edu/billing-finances/flywire-international-payments
[6] https://tuition.asu.edu/contact
[7] https://tuition.asu.edu/perkins-loan-repayment
[8] https://tuition.asu.edu/billing-finances/deadlines
[9] https://tuition.asu.edu/billing-finances/payment-plan
[10] https://tuition.asu.edu/financial-aid/disbursement
[11] https://tuition.asu.edu/billing-finances/pay-options/sponsorships
[12] https://tuition.asu.edu/billing-finances/tuition-refund

Tuition payment plan

What is the ASU payment plan?

The ASU payment plan is an option to help you attend ASU if you cannot afford to pay your tuition charges by the tuition due date.

How to make a payment

How to make a Payment on MyASU Tutorial video [1]

How does the ASU payment plan work?

The ASU payment plan offers you the option to budget your payment of certain university charges over several months within the semester. Eligible charges include tuition, housing, food plans, parking permits and health insurance. See chart below that outlines specific ASU payment plan enrollment fee amounts and due dates [2].

Get enrolled

There are two ways you can enroll in an ASU payment plan.

Automatic enrollment

If you have outstanding charges of $500 or more after the payment deadline, you'll be automatically enrolled in the ASU Payment Plan and be billed an ASU Payment Plan fee. If you wish to withdraw from your classes and avoid being enrolled in the ASU Payment Plan, you must do so before the semester or session starts. ASU does not withdraw students for nonpayment. If you have enough offered and accepted aid to cover your current semester charges by the tuition deadline date, you will not be automatically enrolled in the ASU Payment Plan.

Voluntary enrollment

If you want to enroll in the ASU Payment Plan, log in to My ASU and select the Finances tab. Then click "ASU Payment Plan" in the Financial Success box. Note that you have to re-enroll in the ASU Payment Plan each semester.

ASU payment plan due dates

Fall

ASU payment plan due dates

- August 25
- September 25
- October 25

ASU payment plan enrollment

- $100 Resident students
- $200 Nonresident students

Spring

ASU payment plan due dates

- January 25
- February 25
- March 25

ASU payment plan enrollment

- $100 Resident students
- $200 Nonresident students

Summer

ASU payment plan due dates

- May 25
- June 25

- July 25

ASU payment plan enrollment
- $50 Resident students
- $100 Nonresident students

*The summer sessions enrollment fee is $50 for resident students or $100 for nonresident students for each summer session registered in up to a maximum of two sessions.

Who is the payment plan for?

- Students who know they're not able to pay a full bill by the billing deadline.
- Students who have a past due balance of $500 or more.
- Students who receive financial aid, if aid does not cover all charges.

Payment plan FAQs

How do I avoid enrollment in the ASU payment plan?
Make sure your balance is paid in full by the tuition due date, or is at least under $500 to avoid automatic enrollment in the ASU Payment Plan. Note that if you owe a balance of under $500, you will still be subject to a late fee. Review the ASU Late Charge Policy for more information.

Do I need to re-enroll in the payment plan every session?
Yes. Because your financial circumstances can change from semester to semester, you have the option to enroll each semester.

If I enroll in the ASU payment plan before the semester begins and ends up not having a $500 balance, am I still enrolled in the plan?
Yes. If you voluntarily enroll and charges are paid before the initial designated payment deadline, you will still be assessed the nonrefundable enrollment plan fee.

Can I pay ASU in payments?
Yes. You can enroll in a payment plan each semester, for an additional fee.

Source URL: https://tuition.asu.edu/billing-finances/payment-plan

Links:
[1] https://www.loom.com/share/2abd22b0ec5a4e7f9504644aa3b8d143?sid=7bdc6923-d1c9-4fe3-bea7-22c6e8896ed6
[2] https://tuition.asu.edu/billing-finances/payment-plan#webspark-anchor-link--19
[3] https://tuition.asu.edu/billing-finances/pay-options/late-fees-checks

Payment deadlines

Never miss a deadline and keep track of important dates by adding them to your calendar. Click tuition and billing or financial aid below to choose a calendar.

Tuition and billing calendar

Note: Dates subject to change at any time for correction of errors or change of policies.

Access previous semester calendars here [1].

Fall 2025

Session A: Thursday, 8/21/2025 – Friday, 10/10/2025

Session B: Wednesday,10/15/2025 – Friday, 12/5/2025
Session C: Thursday, 8/21/2025 – Friday, 12/5/2025 (Final Exams 12/8/2025 - 12/13/2025)

August 2025

Aug 11
Suggested Postmark Date to meet Fall Tuition/Fee Payment Deadline

Aug 13
$50.00 Late Registration Fee Begins - Sessions A & C
Does not apply to ASU Online Students

Aug 18
Suggested Last Day to Send International Wire Transfer Payments to Meet Payment Deadline
For further information, please see international wire transfer payments.

Aug 21
First Day of Classes - Sessions A & C

Aug 25
Fall Tuition & Fee Payment Deadline
For registration through August 18.

Aug 25
Third Party Sponsor Document Submission Deadline
Deadline to submit third party sponsor financial guarantee letter for registration through August 18.

Aug 27
Fall Tuition & Fees Refund Deadline - Session A
Tuition and certain registration fees are subject to a 100% refund through August 27, 2025 for Session A classes. Tuition and fees are non-refundable thereafter and students are required to pay all tuition and fees for drops and withdrawals after this date. Certain registration fees are non-refundable on or after the first day of the semester. For additional information, please see the Tuition Refund Policy [2].

Aug 29
Automatic ASU Payment Plan Enrollment - Fall 2025
Students who registered through August 18 and who have unpaid tuition and other eligible payment plan charges will be billed the ASU Payment Plan fee and automatically enrolled in the ASU Payment Plan [3].

September 2025

Sep 3
Tuition & Fees Refund Deadline - Session C
Tuition and certain registration fees are subject to a 100% refund through September 3, 2025 for Session C classes. Tuition and fees are non-refundable thereafter and students are required to pay all tuition and fees for drops and withdrawals after this date. Certain registration fees are non-refundable on or after the first day of the semester. For additional information, please see the Tuition Refund Policy [2].

Sep 25
Tuition and Fee Payment Deadline
For registration between August 19 and September 18

Watch Video:
How to Make a Payment [4]

October 2025

Oct 7
$50.00 Late Registration Fee Begins - Session B
Does not apply to ASU Online Students

Oct 15
First Day of Classes - Fall Session B

Oct 21
Tuition & Fees Refund Deadline - Session B
Tuition and certain registration fees are subject to a 100% refund through October 21, 2025 for Session B classes. Tuition and fees are non-refundable thereafter and students are required to pay all tuition and fees for drops and withdrawals after this day. Certain registration fees are non-refundable on or after the first day of the semester. For additional information, please see the Tuition Refund Policy [2].

Oct 25
Tuition & Fee Payment Deadline
For registration between September 19 and October 25

Watch video:
How to Make a Payment [4]

Spring 2026

Session A: Monday, 1/12/2026 – Tuesday, 3/3/2026
Session B: Monday, 3/16/2026 – Friday, 5/1/2026 (ASU Online and iCourses may end on Tuesday, 5/5/2026)
Session C: Monday, 1/12/2026 – Friday, 5/1/2026 (Final Exams 5/4/2026 – 5/9/2026)

January 2026

Jan 4
$50.00 Late Registration Fee Begins - Sessions A & C
Does not apply to ASU Online Students

Jan 11
Suggested Postmark Date to meet Spring Tuition/Fee Payment Deadline

Jan 12
First Day of Classes - Sessions A & C

Jan 18
Suggested Last Day to Send International Wire Transfer Payments to meet Payment Deadline
For further information, please see international wire transfer payments.

Jan 18
Tuition & Fees Refund Deadline - Session A
Tuition and certain registration fees are subject to a 100% refund through January 18, 2026 for Session A classes. Tuition and fees are non-refundable thereafter and students are required to pay all tuition and fees for drops and withdrawals after this date. Certain registration fees are non-refundable on or after the first day of the semester. For additional information, please see the Tuition Refund Policy [2].

Jan 25
Third Party Sponsor Document Submission Deadline
Deadline to submit third party sponsor financial guarantee letter for registration through January 18.

Jan 25
Tuition & Fee Payment Deadline
For registration through January 18th.

Jan 25
Tuition & Fees Refund Deadline - Session C
Tuition and certain registration fees are subject to a 100% refund through January 25, 2026 for Session C classes. Tuition and fees are non-refundable thereafter and students are required to pay all tuition and fees for drops and withdrawals after this date. Certain registration fees are non-refundable on or after the first day of the semester. For additional information, please see the Tuition Refund Policy [2].

Jan 25
1098-T Statement Available for Tax Year 2025
Students will have the availability to access 1098 T statements through MyASU for tax year 2025. Please note this is an anticipated date of availability.

Jan 29
Automatic ASU Payment Plan Enrollment - Spring 2026
Students who registered through January 18 and who have unpaid tuition and other eligible payment plan charges will be billed the ASU Payment Plan fee and automatically enrolled in the ASU Payment Plan [3].

February 2026

Feb 25
Tuition & Fee Payment Deadline
For registration between January 19 and February 18

March 2026

Mar 8
$50.00 Late Registration Fee Begins - Session B
Does not apply to ASU Online Students

Mar 16
First Day of Classes - Session B

Mar 22
Tuition & Fees Refund Deadline - Session B
Tuition and certain registration fees are subject to a 100% refund through March 22, 2026 for Session B classes. Tuition and fees are non-refundable thereafter and students are required to pay all tuition and fees for drops and withdrawals after this date. Certain registration fees are non-refundable on or after the first day of the semester. For additional information, please see the Tuition Refund Policy [2].

Mar 25
Tuition & Fee Payment Deadline
For registration between February 19 and March 18

Financial aid calendar

Note: Dates subject to change at any time for correction of errors or change of policies.

Access previous semester calendars here [5].

August 2025

Aug 1
2025–2026 scholarship appeal submission deadline

If you had your scholarship revoked, you can submit an appeal if you experienced significant, extenuating circumstances beyond your control. For more information, visit the scholarship appeal [6] page.

Aug 5
Deadline for Pell recipients to charge books to their student account (sessions A and C)
If you are a Federal Pell Grant recipient, this is the last day you can charge books to your student account.

Aug 14
Fall 2025 disbursements begin (sessions A and C)
Starting Aug. 14, fall 2025 (sessions A and C) financial aid will be applied to your fall charges. Check your status in the Financial Aid Tracker on My ASU. If it reads "Disbursement," you do not need to take any action. If your status shows anything other than "Disbursement," check your Priority Tasks to ensure there is no information or action items needed from you.

Aug 26
Pell recipients begin charging books to their student account (session B only students)
If you're a Federal Pell Grant recipient with all financial aid verification documents submitted and enrolled in fall 2025 session B, you can charge your textbooks to your student account at the Sun Devil Campus Stores, online or in person. Eligible students will receive an ASU email each semester with instructions.

Aug 27
Fall 2025 census date (session A)
This policy affects your scholarship amounts if you are only enrolled in session A. Your census date may be different if you are in a dynamically dated course (i.e., a course that is not a session A, B or C course). For more information, visit the dropping classes as a financial aid recipient [7] page.

September 2025

Sep 10
Fall 2025 census date (session C)
For students enrolled in session C (including students enrolled in session A and C): This policy affects your scholarship amounts. Your census date may be different if you are in a dynamically dated course (i.e., a course that is not a session A, B or C course). For more information, visit the dropping classes as a financial aid recipient [7] page.

Sep 30
Deadline for Pell recipients to charge books to their student account (session B only students)
If you are a Federal Pell Grant recipient, this is the last day you can charge books to your student account.

October 2025

Oct 1
2026–2027 FAFSA available
The 2026–2027 FAFSA can be submitted starting today. For more information, visit the FAFSA information [8] page.

Oct 8
Fall 2025 disbursements begin (sessions B only students)
Starting Oct. 8, fall 2025 (session B) financial aid will be applied to your fall charges. Check your status in the Financial Aid Tracker on My ASU. If it reads "Disbursement," you do not need to take any action. If your status shows anything other than "Disbursement," check your Priority Tasks to ensure there is no information or action items needed from you.

Oct 21
Fall only students — deadline to submit 2025–2026 Student, Parent and Budget Reviews
If you are attending ASU for only the fall 2025 semester, you must submit 2025–2026 Student Budget Reviews, Student Income Reduction Reviews and Parent Reviews along with all required documentation by this date in order for a reevaluation of the FAFSA and scholarships to occur.

Oct 21
Fall 2025 consortium agreement submission deadline
An ASU Consortium Agreement allows ASU degree-seeking students to receive certain financial aid based on their combined enrolled hours between ASU and another school during the same semester (i.e., enrolled at ASU and a community college during the same semester). For more information, please visit the consortium agreement for Pell Grant and federal loans [9] page.

Oct 21
Fall 2025 SAP Review submission deadline
To appeal any fall 2025 SAP violation, submit your Satisfactory Academic Progress Review form before this date. Late submissions will only be considered for next semester's eligibility. For more information, visit the Satisfactory Academic Progress [10] page.

Oct 21
Fall 2025 census date (session B)
For students enrolled in session B (including students enrolled in session A or C as well as B): This policy affects your scholarship amounts. Your census date may be different if you are in a dynamically dated course (i.e., a course that is not a session A, B or C course). For more information, visit the dropping classes as a financial aid recipient [7] page.

November 2025

Nov 23
Pell recipients begin charging books to their student account (sessions A and C)
If you're a Federal Pell Grant recipient with all financial aid verification documents submitted and enrolled in spring 2026 sessions A and C, you can charge your textbooks to your student account at the Sun Devil Campus Stores, online or in person. Eligible students will receive an ASU email each semester with instructions.

December 2025

Dec 6
Last day to accept fall 2025 loans
Loans not accepted by 5 p.m. (Arizona time) won't be disbursed in the fall semester. If you're enrolled at least half-time in the spring semester and haven't used all your annual loan eligibility, you may get Federal Direct Loans in the spring. Your remaining loan eligibility for the spring is based on your grade level, dependency status and cost of attendance.

Dec 6
Last day to submit 2025–2026 Student Aid Adjustment form for fall 2025
If you are attending ASU for only the fall 2025 semester and you would like to make changes or accept your loan, you must submit the 2025–2026 Student Aid Adjustment form by this date.

Dec 6
Last day to submit 2025–2026 Parent PLUS Loan Action Form for fall 2025
If you are attending ASU for only the fall 2025 semester and your parent would like to make changes or accept the Parent PLUS Loan, you must submit the 2025–2026 Parent PLUS Loan Action Form [11] by this date.

Dec 27
Deadline for Pell recipients to charge books to their student account (sessions A and C)
If you are a Federal Pell Grant recipient, this is the last day you can charge books to your student account.

January 2026

Jan 1
ASU Scholarship Universe application deadlines begin
Most 2025–2026 deadlines fall between Jan. 1 and March 1. Review these as they vary. Scholarships are competitive, and if chosen, the awarding office will notify you. Typically, notifications are sent in April and May. For more details, visit the ASU scholarship [12] page.

Jan 6
Spring 2026 disbursements begin (sessions A and C)
Starting Jan. 6, spring 2026 (sessions A and C) financial aid will be applied to your spring charges. Check your status in the Financial Aid Tracker on My ASU. If it reads "Disbursement," you do not need to take any action. If your status shows anything other than "Disbursement," check your Priority Tasks to ensure there is no information or action items needed from you.

Jan 15
2026–2027 FAFSA filing priority date
Submit your FAFSA before ASU's priority date, Jan. 15, each year to increase your chances of receiving need-based aid. Even if this date has passed, you can still submit your FAFSA. For more details, visit the FAFSA information [8] page.

Jan 18
Spring 2026 census date (session A)
This policy affects your scholarship amounts if enrolled in only session A. Your census date may be different if you are in a dynamically dated course (i.e., a course that is not in session A, B or C). For more information, visit the dropping classes as a financial aid recipient page [7].

Jan 25
Pell recipients begin charging books to their student account (session B Pell student only)
If you're a Federal Pell Grant recipient with all financial aid verification documents submitted and enrolled in spring 2026 session B, you can charge your textbooks to your student account at the Sun Devil Campus Stores, online or in person. Eligible students will receive an ASU email each semester with instructions.

February 2026

Feb 2
Spring 2026 census date (session C)
For students enrolled in session C (including students enrolled in session A and C): This policy affects your scholarship amounts. Your census date may be different if you are in a dynamically dated course (i.e., a course that is not in session A, B or C). For more information, visit the dropping classes as a financial aid recipient [7] page.

Feb 28
Deadline for Pell recipients to charge books to their student account (session B students only)
If you are a Federal Pell Grant recipient, this is the last day you can charge books to your student account.

March 2026

Mar 9
Spring 2026 disbursement begin (sessions B students only)
Starting March 9, spring 2026 (session B) financial aid will be applied to your spring charges. Check your status in the Financial Aid Tracker on My ASU. If it reads "Disbursement," you do not need to take any action. If your status shows anything other than "Disbursement," check your Priority Tasks to ensure there is no information or action items needed from you.

Mar 22
Spring 2026 SAP review submission deadline
To appeal any spring 2026 SAP violation, submit your Satisfactory Academic Progress Review form before this date. Late submissions will only be considered for next semester's eligibility. For more information, visit the Satisfactory Academic Progress [10] page.

Mar 22
Spring 2026 census date (session B)

For students enrolled in session B (including students enrolled in sessions A and C as well as B): This policy affects your scholarship amounts. Your census date may be different if you are in a dynamically dated course (i.e., a course that is not in session A, B or C). For more information, visit the dropping classes as a financial aid recipient [7] page.

Mar 30
Pell recipients begin charging books to their student account (sessions A and C)
If you're a Federal Pell Grant recipient with all financial aid verification documents submitted and are enrolled in summer 2026 for sessions A and C, you can charge your textbooks to your student account at the Sun Devil Campus Stores, online or in person. Eligible students will receive an ASU email each semester with instructions.

April 2026

Apr 17
Fall and spring or spring only students — deadline to submit 2025–2026 Student, Parent and Budget Reviews
If you are attending ASU for the 2025–2026 academic year or spring 2026 only (i.e., not attending summer 2026), you must submit 2025–2026 Student Budget Reviews, Student Income Reduction Reviews and Parent Reviews along with all required documentation by this date in order for a reevaluation of the FAFSA and scholarships to occur.

May 2026

May 2
Last day to submit 2025–2026 Parent PLUS Loan Action Form for spring 2026
If you are attending ASU for the 2025–2026 aid year or spring 2026 only and your parent would like to make changes or accept the Parent PLUS Loan, you must submit the 2025–2026 Parent PLUS Loan Action Form by this date.

May 2
Last day to accept spring 2026 loans
Loans not accepted by 5 p.m. (Arizona time) won't be disbursed in the spring semester. If you're enrolled at least half-time in the spring semester and haven't used all your annual loan eligibility, you may get Federal Direct Loans in the summer. Your remaining loan eligibility is based on your grade level, dependency status and cost of attendance.

May 2
Last day to submit 2025–2026 Student Aid Adjustment form for spring 2026
If you are attending ASU for the 2025–2026 aid year or spring 2026 only and you would like to make changes or accept your loan, you must submit the 2025–2026 Student Aid Adjustment form [13] by this date.

May 2
Last day to submit 2025–2026 Parent PLUS Loan Action Form for spring 2026
If you are attending ASU for the 2025–2026 aid year or spring 2026 only and your parent would like to make changes or accept the Parent PLUS Loan, you must submit the 2025–2026 Parent PLUS Loan Action [11] Form by this date.

May 3
Deadline for Pell recipients to charge books to their student account (sessions A and C)
If you are a Federal Pell Grant recipient, this is the last day you can charge books to your student account.

Source URL: https://tuition.asu.edu/billing-finances/deadlines

Links:
[1] https://tuition.asu.edu/billing-finances/previous-semester-calendar
[2] https://tuition.asu.edu/billing-finances/tuition-refund
[3] https://tuition.asu.edu/billing-finances/payment-plan
[4] https://www.loom.com/share/4241e18164944ee58dde890eec1ab97b
[5] https://tuition.asu.edu/previous-semester-calendar
[6] https://tuition.asu.edu/forms/scholarship-appeal
[7] https://tuition.asu.edu/policies/census
[8] https://tuition.asu.edu/financial-aid/fafsa

[9] https://tuition.asu.edu/forms/consortium-agreement
[10] https://tuition.asu.edu/satisfactory-academic-progress
[11] https://tuition.asu.edu/forms/plus-loan-action-request
[12] https://tuition.asu.edu/financial-aid/scholarships
[13] https://tuition.asu.edu/forms/financial-aid-adjustment

Tuition refund policy

Things to know about the ASU tuition refund policy

When you register for classes, you're obligated to pay all the tuition and registration fees. If you drop a class or officially cancel your enrollment during the 100 percent refund period, you'll get all your money back. For specific semester or session deadlines, please refer to Tuition Dates and Deadlines [1]. If you're looking for information about a financial aid refund (financial aid funds left over after your tuition and charges are paid), visit the aid disbursement page [2].

Nonrefundable charges

After the 100 percent refund period passes, tuition and fee payments become nonrefundable.
Beginning Fall 2023, this date is the same as the drop deadline for classes offered in Sessions A, B and C

Amount of refund

If you owe any university charges, they will be deducted from your refund and be subject to payment holding periods.

Withdrawal/cancellation date

Withdrawal or cancellation officially occurs on the calendar date that you request it, whether in person or online.

Refund by semester

Please note that if you cancel your enrollment after the refund period, you will be required to pay the tuition and fees charges.

Fall and spring

For regular semester classes (session C) and sessions that are eight weeks or longer, the 100 percent refund period extends through the first two weeks of the semester.

For sessions that are shorter than eight weeks (sessions A and B) and dynamically dated classes, the 100 percent refund period is one week after the semester begins.

For classes that begin prior to the first day of the regular semester, the applicable 100 percent refund period begins on the class start date, not the semester start date.

For the summer session classes (sessions A, B and C, and dynamically dated classes), the 100 percent refund period is the first five days of the applicable summer session.

For classes that begin prior to the first day of the regular semester (dynamically dated classes), the applicable 100 percent refund period begins on the class start date, not the semester start date.

If you cancel your enrollment after the refund period, you will be required to pay the tuition and fee charges.

Medical or compassionate withdrawal

The tuition refund policy does not apply to medical and compassionate withdrawals. Partial tuition adjustments or nonrefundable credits may be granted in these cases. Each request will be determined by individual circumstances on a case-by-case basis, and is an option only if approved within two years of the end of the semester. For specific semester or session deadlines, please refer to Tuition Dates and Deadlines [3].

Source URL: https://tuition.asu.edu/billing-finances/tuition-refund

Links:
[1] https://tuition.asu.edu/billing-finances/deadlines
[2] https://tuition.asu.edu/financial-aid/disbursement
[3] https://tuition.asu.edu/billing-finances/deadlines

Tuition assistance return policy

ASU recognizes that active duty members may not always be able to complete their classes, due to unforeseen military commitments. Department of Defense (DoD) policy requires a return of TA funds, when a class is withdrawn, prior to completing at least 60% of the course. Returns of tuition assistance are prorated based on the percentage of completed class time, as noted in the schedules below. Students will be responsible for reimbursing ASU for the amount of TA that ASU refunds to the DoD.

For additional questions, please contact sponsorbilling@asu.edu or call 855-278-5080 and ask to be connected to a Sponsored Billing Specialist.

Fall/Spring Session A and B		
	% Completed	% Refunded to DOD
Week 1	0%-15%	100%
Week 2	30%	80%
Week 3	45%	65%
Week 4	55%	45%
Week 5 - 7	60% and above	0%

Fall/Spring Session C		
	% Completed	% Refunded to DOD
Week 1-2	0%-15%	100%
Week 3	20%	85%
Week 4	30%	80%
Week 5	35%	70%
Week 6	45%	65%
Week 7	50%	50%
Week 8	55%	45%
Week 9-14	60% and above	0%

Summer Session A and B		
	% Completed	% Refunded to DOD
Week 1	0%-15%	100%
Week 2	30%	80%
Week 3	50%	50%
Week 4-6	60% and above	0%

Summer Session C		
	% Completed	% Refunded to DOD
Week 1	0%-15%	100%
Week 2	25%	90%
Week 3	40%	75%
Week 4	50%	50%
Week 5-8	60% and above	0%

Source URL: https://veterans.asu.edu/tuition-assistance-return-policy

Links:
[1] mailto: sponsorbilling@asu.edu

Student consumer disclosures

A

Academic Programs [1]
Accreditation [2]
Annual Report [3]
ASU General and Graduate Catalog [4]
About Athletic Graduation Rates at ASU [5]
Athletic Program Participation Rates [6]

C

Campus Safety [7]
Class Search and Course Catalog [8]
Clery Act (Campus Security Report) [9]
College Navigator [10]
Complaint Resolution for Distance/Online Learning [11]
Complaints and Resolutions - Arizona Board of Regents (ABOR) [12]
Complete Withdrawal [13]
Constitution Day [14]
Copyright Infringement [15]
Cost Calculator [16]

D

Disability Resource Center [17]
Drug and Alcohol Abuse Prevention [18]
Drug Free Campus Environment [19]

E

Equity in Athletics [20]

F

Facts & Figures [21]
FERPA (Family Educational Rights and Privacy Act) [22]
Fire Safety Annual Report [23]

I

Institutional Information [24]

M

Missing Student Notification [25]

P

Professional Licensure and Certification [26]

S

Safeguarding Consumer Information [27]
Satisfactory Academic Progress (SAP) Policies [28]
State Authorization [29]
Study Abroad Programs and Financing [30]

T

Teachers Preparation Report [31]
Title IV Aid Recipients [32]
Transfer Credit Policies and Guide [33]
Tuition Refund Policy [34]

V

Vaccination Requirements [35]
Voter Registration [26]

W

Withdrawing as a Financial Aid Recipient [37]
Written Arrangement [38]

Source URL: https://tuition.asu.edu/contact/consumer-info

Links:
[1] http://asu.edu/programs
[2] https://provost.asu.edu/upra
[3] http://annualreport.asu.edu/
[4] http://catalog.asu.edu/
[5] https://thesundevils.com/news/2020/11/17/s-a-development-sun-devil-athletics-earns-all-time-best-graduation-success-rate.aspx?_gl=1*13t8sxj*_gcl_au*MTkxNTA1MTkzMy4xNzQ5NDc3OTA2*FPAU*MTE3ODc4ODc2MC4xNzQ5NDc3ODc4*_ga*MjAyMjgwMTE5OS4xNzQ5NDc3ODg5*_ga_TEHJR60KD9*czE3NTE1Njg5NDgkbzM5NCRnMSR0MTc1MTU3MDI1OSRqMzIkbDAkaDQ0NjAxOTY0MA..
[6] https://ope.ed.gov/athletics/#/institution/search
[7] http://eoss.asu.edu/DOS/safety
[8] http://my.asu.edu/
[9] http://cfo.asu.edu/police-campuscrime-crimestatistics
[10] https://nces.ed.gov/collegenavigator/?q=Arizona+State+University&s=AZ&id=104151
[11] http://asuonline.asu.edu/about-us/state-regulatory-authorizations
[12] https://www.azregents.edu/
[13] https://registrar.asu.edu/forms/withdrawal
[14] http://libguides.asu.edu/content.php?pid=495045&sid=4067186
[15] http://provost.asu.edu/academicintegrity
[16] https://tuition.asu.edu/financial-aid
[17] http://eoss.asu.edu/drc
[18] https://wellness.asu.edu/explore-wellness/body/alcohol-and-drugs
[19] http://www.asu.edu/aad/manuals/acd/acd122.html
[20] http://ope.ed.gov/athletics/#/institution/search
[21] https://facts.asu.edu/
[22] https://registrar.asu.edu/policies/ferpa
[23] http://cfo.asu.edu/ehs-firesafety
[24] http://about.asu.edu/
[25] https://www.asu.edu/aad/manuals/ssm/ssm1001-07.html
[26] https://admission.asu.edu/academics/licensure
[27] http://uto.asu.edu/policy
[28] http://students.asu.edu/policies/sap
[29] https://admission.asu.edu/academics/authorizations
[30] http://studyabroad.asu.edu/
[31] https://students.asu.edu/teachers-preparation-report
[32] https://students.asu.edu/title-IV-aid-recipients
[33] http://transfer.asu.edu/credits
[34] https://students.asu.edu/tuitionrefundpolicy
[35] https://eoss.asu.edu/health/parents/immunization
[36] http://libguides.asu.edu/content.php?pid=495045&sid=4076781
[37] http://students.asu.edu/policies/fa-withdrawal
[38] https://students.asu.edu/written-arrangement

Undergraduate excess hours tuition

The Arizona Legislature enacted legislation in 2005 (A.R.S. § 15-1626) that establishes credit hour thresholds for undergraduate students who attend a public university in Arizona. Undergraduate students who enroll for credit hours beyond the applicable threshold are required to pay an excess hours tuition surcharge. Students who have more than 145 credit hours will be assessed the Undergraduate Excess Hours Tuition Surcharge.

The Undergraduate Excess Hours Tuition Surcharge is billed in addition to tuition, program tuition, mandatory fees and class fees.

Exemptions

The excess hours tuition surcharge must be assessed in accordance with Arizona State Statutes and is not subject to appeal. The Arizona Legislature, however, provided for certain exemptions to the credit hour threshold and surcharge:

1. Undergraduate degree programs that require credit hours above the credit hour threshold.
2. Credits earned in pursuit of up to two baccalaureate degrees: The excess hours tuition surcharge is not assessed if (a) student has previously earned a baccalaureate degree and is currently admitted to one undergraduate degree program or (b) has not previously earned a baccalaureate degree and is admitted to two or more undergraduate degree programs simultaneously. This exemption does not apply to students who have previously earned two or more baccalaureate degrees or students who have earned one baccalaureate degree and are currently admitted to two or more undergraduate degree programs.
3. Credits earned in the pursuit of up to two state regulated licensures or certificates: Student is not required to be enrolled in both programs simultaneously. Examples include accounting, nursing, social work, and certain engineering degrees.
4. Credits earned in the pursuit of a teaching certification.
5. Credits transferred from a private institution of higher learning.
6. Credits transferred from an institution of higher education in another state.
7. Credits earned at another institution of higher education but that are not accepted as transfer credits at ASU.
8. Credits earned by students who enroll at a university under the jurisdiction of the board more than twenty-four months after the end of that student's previous enrollment at a public institution of higher education in this state.

Tuition waivers and scholarships

Employee waivers and tuition scholarships do not apply to the Undergraduate Excess Hours Tuition Surcharge.

Source URL: https://tuition.asu.edu/tuition-surcharge

Financial aid

About financial aid

You have lots of ways to pay for college

It's no secret that college is a major investment. But studies show that it's an investment that pays dividends. And the good news is, you have access to many forms of financial aid to help pay for it — you're not alone in this. Learn about the various types of financial aid, how to get them and everything else you need to know to get help paying for college.

Watch video: What type of aid is being offered? [1]

Watch video: Three things to know before classes start. [2]

How do I get financial aid at ASU?

1. Create an Studentaid.gov account (FSA ID)

Whether you're a student or parent, you'll need to create your own account on studentaid.gov [3] to complete federal student aid tasks. You'll use the same FSA ID every year.

2. Fill out the Free Application for Federal Student Aid

You'll need your driver's license, bank statements, parent information and more. **The FAFSA is officially open for the 2025–2026 academic year.** ASU's Federal School Code is 001081. Complete the FAFSA here [4].

CSS Profile: CSS Profile [5] is an online application used by colleges to award nonfederal institutional aid. The tool helps us determine eligibility and understand your specific financial situation. CSS Profile is available to qualifying domestic noncitizens who are unable to complete the FAFSA. ASU's CSS Code is 4007.

Please note: If you are eligible to submit the FAFSA, do not submit a CSS Profile application.

3. Review your FAFSA summary report

This will be emailed to you from the Department of Education 3-4 days after your FAFSA has been processed.

4. Look out for additional verification documents we need to process your FAFSA in My ASU

Return the documents quickly so that we can continue to process your file without delays.

5. Financial aid and scholarship services will send you your financial aid offer letter

Review your offer through the finances tab in My ASU. About five days before classes start, financial aid disbursement begins. Your scholarship and grant money will automatically be applied. You will need to accept loan offers before those funds are available. If you have any financial aid funds left over after paying your tuition and other charges, you'll receive a refund. The quickest way to get your refund is to enroll in direct deposit.

6. Apply for scholarships

After you submit the FAFSA, you can explore scholarships using ASU's Scholarship Universe [6]. Scholarships are gift aid — money for college that you don't have to repay. And there are tons of scholarships out there for all kinds of students based on region, interests, majors, goals and lots more. Apply for any and all that you qualify for no matter how small they may seem. They add up quickly.

7. Enroll In direct deposit

If you have any financial aid funds left over after paying your tuition and other charges, you'll receive a refund. The quickest (and safest) way to get your refund is to enroll in direct deposit [7].

8. Maintain eligibility

You'll need to maintain a certain GPA and complete relevant coursework in a certain timeframe. If you are a scholarship recipient, you'll need to meet renewal criteria [8].

9. File a FAFSA every year

You'll need to submit a new FAFSA every year you're in college to continue receiving federal financial aid.

Frequently asked questions

Who can get financial aid at ASU?
Most ASU students qualify for some form of financial aid. To be eligible for most federal, state and ASU funding, you must:

- Meet eligibility requirements [9] set by the U.S. Department of Education.
- File a FAFSA for the current academic year.
- Be admitted as a degree-seeking student to a qualified undergraduate, post-baccalaureate, graduate or eligible certificate program. (For information about your particular certificate program, contact Financial Aid and Scholarship Services [10]). Some types of aid are restricted to certain degree levels and/or programs.
- Not be in default on any prior student loan.
- Not owe a repayment on any Title IV financial aid.
- Be making Satisfactory Academic Progress [11].
- Submit all requested documents and those documents must not be found to limit your eligibility.
- Enroll in ASU classes such that it allows for disbursement of your offered financial aid (see ASU's census policy).

How much financial aid can I get?
The amount of financial aid you're eligible to receive depends on lots of variables. Try ASU's Net Price Calculator [12] to get an idea of how much financial aid you might receive and what your total costs could look like.

Scholarships

Scholarships provide free money that you apply for based on various criteria such as academic achievement, background, financial needs, interest and more.

Learn about scholarships [13]

Grants

Grants provide students who have a demonstrated need, money that doesn't need to be paid back.

Learn about grants [14]

Work-study

Federal Work-Study provides opportunities to work a part-time job.

Learn about work study [15]

Loans

A loan provides money from the government or a private institution that you borrow for school and that you have to repay with interest.

Learn about loans [16]

Important financial aid, scholarship and disbursement dates

November 1

Scholarship Universe opens

For admitted students, ASU's Scholarship Universe opens and scholarship opportunities are available for the 2025–2025 academic year. Note that scholarship deadlines vary so start exploring and applying early.

December 2024

FAFSA opens

The FAFSA opens for the 2025–2026 academic year. The earlier you submit, the more financial aid you're likely to get. Get started on yours as soon as possible.

February 1

FAFSA priority date extended

ASU has extended the FAFSA priority date from Jan. 15 to Feb. 1. Submit your FAFSA by Feb. 1 to maximize financial aid opportunities.

Note: 10 days before the start of each semester – Financial aid funds begin to disburse and you can start paying your charges. Watch video: How does my financial aid pay for my charges? [17]

Incoming on-campus students

Incoming on-campus first-year and transfer students
Connect with your admission team member [18].

Incoming graduate students
Connect with your admission team member [19].

Incoming military/veteran students
Connect with your Pat Tillman Veterans Center team member [20].

Incoming International students
Connect with your admission team member [21].

Incoming ASU Online students

Call us at
1-855-278-5080

or visit the My ASU [22] Help tab to email a specific question.

Current students

Call us
1-855-278-5080

Email us
Visit the My ASU [22] Help tab to email a specific question.

Chat with us
Launch a chat session [23]

Source URL: https://tuition.asu.edu/financial-aid

Links:
[1] https://www.loom.com/share/722c5b59e23243e08587fcba7e39e775
[2] https://www.loom.com/share/30a4b3c4e0dd42398691e4c619ee26c9
[3] https://studentaid.gov/fsa-id/create-account/launch
[4] https://studentaid.gov/h/apply-for-aid/fafsa
[5] https://cssprofile.collegeboard.org/
[6] https://asu.scholarshipuniverse.com/
[7] https://students.asu.edu/faq/how-do-i-enroll-student-account-direct-deposit
[8] https://tuition.asu.edu/scholarship-renewal-guide
[9] https://studentaid.gov/understand-aid/eligibility/requirements
[10] https://tuition.asu.edu/contact
[11] https://tuition.asu.edu/satisfactory-academic-progress
[12] https://app.meadowfi.com/asu
[13] https://tuition.asu.edu/financial-aid/scholarships
[14] https://tuition.asu.edu/financial-aid/grants
[15] https://students.asu.edu/employment/types
[16] https://tuition.asu.edu/financial-aid/loans
[17] https://www.loom.com/share/a585e6749cbb404b81f698a24763a7e6
[18] https://admission.asu.edu/contact/undergraduate
[19] https://admission.asu.edu/contact/graduate
[20] https://veterans.asu.edu/about-staff
[21] https://admission.asu.edu/contact
[22] https://my.asu.edu/
[23] https://webapp4.asu.edu/myasu/student/servicecenter

Confirmation of participation

Class participation

Students who receive financial aid are expected to earn their aid by participating in all of their classes every session.

Attending and participating in all of the courses a student is enrolled in not only ensures that they are getting the most out of the college experience, but it also helps students remain eligible for financial aid. Students must show participation in their courses by the 21st day after the course start date. If a student's participation is not confirmed by the 21st day of class, their aid may be reduced or canceled, and they may be required to pay for charges without aid.

Watch video: About confirmation of participation [1]

Confirming class participation

How does a student confirm participation?

- Completing a survey in My ASU. This is the simplest way to confirm participation. Survey links will be available seven days after classes begin. You can access the surveys you need to complete next to each course listed in the My Courses box in My ASU. You will also see a task listed in your Priority Tasks box.

How do I know if my participation still needs to be confirmed?

- A Priority task in My ASU will link you to the participation survey(s) you need to complete. You will be notified by ASU email only if your participation has not been confirmed. After the 21st day, if you still have not participated in a course, your aid may be reduced or canceled. You will see this change in the Finances tab in My ASU almost immediately.

Student FAQs

How do I confirm my participation?
Students, follow these steps to complete a quick survey that confirms participation:

- Log in to My ASU [2].
- Visit My Classes on the left side of your home page.
- Click the $ icon next to each class.
- Complete the survey.

Click Submit.

Why the 21st day?
The Department of Education requires early participation in order to ensure students earn the financial aid eligibility for the class.

Why does ASU confirm participation?
Confirmation of participation helps ASU administer financial aid within the regulations established by the Department of Education. By confirming participation, ASU helps students stay on track to earn financial aid for the semester and keep their financial aid to pay charges.

Do I have to do this every session?
Yes. ASU must confirm participation for each class for each session start.

What happens if I don’t participate by the 21st day?
If you are a loan recipient, your loans will be returned if you do not participate in at least one course.

If you are a Pell, Supplemental Education Opportunity Grant (SEOG) or Teacher Education Assistance for College and Higher Education (TEACH) grant recipient, your full grant amount will be canceled if you do not demonstrate participation in **every** course you are enrolled in,

In either case, the funds may be returned, any funds already disbursed to you will need to be paid back, and you will need to pay your charges without that aid.

What happens if my loans were returned and I don’t plan on enrolling for any more courses?
If you do not enroll in more courses, you will be responsible for your bill.

My loans were returned but I am going to register for more courses.
If you enroll in more courses, and participation is confirmed by the 21st day of those courses, you will have aid eligibility reinstated for future sessions you are participating in, as long as you’re attending at least half time for the semester (6 credits for undergraduates, 5 credits for graduates).

Will I be dropped from courses?
No. You will remain enrolled in the courses, but your aid will be reduced or canceled and you will be billed for your charges.

When does confirmation of participation start?
This requirement applies to all students receiving financial aid, beginning fall 2022.

I was going to participate, I just haven't yet. Can I get my aid back?
If you haven't participated in a course by the 21st day, and are still enrolled in the course, you can still complete a course survey to have your aid reinstated. Course surveys will remain posted in My ASU through the end of the term, as long as you are still enrolled in the course. Aid will be automatically reinstated once you complete the survey.

How does this affect my other financial aid, ie: private scholarships, etc…?
The confirmation of participation standard applies to all financial aid. Check your course list in My ASU [3] and complete the survey for any course that has the dollar sign icon next to it.

Who can I contact with questions?
You can email participation@asu.edu [4] with questions about this federal financial aid policy.

Source URL: https://tuition.asu.edu/financial-aid/confirmation-of-participation

Links:
[1] https://www.loom.com/share/b2b1510c9eca4693a4e08a63d1e2622e
[2] https://webapp4.asu.edu/myasu/student
[3] https://my.asu.edu/
[4] mailto:participation@asu.edu

FAFSA

Complete your FAFSA

The FAFSA is officially open for both the 2024–2025 and 2025-2026 academic year!

You need to complete the Free Application for Federal Student Aid (FAFSA) [1] each year you attend ASU. The FAFSA will determine how much federal financial aid you're eligible for.

How do I submit my FAFSA?

To file your FAFSA, go to StudentAid.gov [2].

Your FAFSA application will ask you things such as your family's income and how many people are in your family. These questions help determine how much aid you're eligible for. You have to submit a FAFSA every year because circumstances can change. But don't worry, it takes only about 30 minutes to fill out the FAFSA application and there are plenty of resources to help you. Start with this FAFSA guide [3].

You and your contributors will need their Student Aid.gov accounts, or FSA IDs. Watch this video [4] for more information.

The FAFSA will automatically import your tax information. If you did not file taxes or have other income including assets or untaxed income have those documents readily available.

1. Bank statements and records if applicable
2. W-2s and other records of money earned from the prior-prior tax year.
3. Record of untaxed income (if applicable).

Frequently asked questions

What is ASU's FAFSA code?
ASU's Federal School Code is 001081.

Does my family earn too much for me to get financial aid through the FAFSA?
There are no income requirements to be considered for federal student aid. Many factors beyond income are important to determine eligibility, so we recommend that all students complete a FAFSA to be considered for the maximum amount of aid.

Does FAFSA cover aid for graduate school?
Yes, students can file a FAFSA to receive financial aid for graduate school. Graduate students are considered independent and do not have to report parent or guardian earnings to be eligible for federal student aid.

Are international students eligible for funding through the FAFSA?
Most international students are not eligible to receive federal student aid, but there are opportunities to find private aid, such as scholarships. The FAFSA is open to U.S. citizens or eligible noncitizens [5].

Should students who are impacted by Prop 308 complete the FAFSA application?
Arizona Proposition 308 grants in-state tuition status to eligible students that are not U.S. citizens and are not residing in the United States on a visa. Students must also attend an Arizona high school for at least 2 years and graduate from an Arizona high school.

If you are an eligible noncitizen due to Prop 308, you are not eligible to complete the FAFSA (see FAFSA eligibility requirements [5]). However, you can still be evaluated for aid at ASU by completing the CSS Profile [6].

CSS Profile: CSS Profile [6] is an online application used by colleges to award nonfederal institutional aid. The tool helps us determine eligibility and understand your specific financial situation. CSS Profile is available to qualifying domestic noncitizens who are unable to complete the FAFSA. ASU's CSS Code is 4007.

Please note: If you are eligible to submit the FAFSA, do not submit a CSS Profile application.

Who are Contributors on the FAFSA?
A Contributor [7] is someone who is required to provide information on a student's FAFSA form. Watch this video to understand Who is a Contributor [8].
This can include:

1. The student.
2. The student's biological or adopted parents [9].
3. The student's spouse.
4. The parent's spouse.

Having someone listed as a Contributor on the FAFSA form does not imply financial responsibility for the student's education cost.

What if my parents are divorced? Who is the Contributor for my FAFSA?
The parent that is included on the FAFSA as a Contributor should be the parent that provides the most financial support to the student.

How does the student or other Contributor create an FSA ID?
Go to studentaid.gov/fsa-id/create-account/launch [10] and follow the steps to create an account. The student and the Contributor will each need their Social Security number, a valid email address and a phone number in order to complete the identity verification steps. Watch this video [11] for a step by step explanation.

Do contributors without a Social Security number have to create a FSA ID?
Yes — Contributors that do not have a Social Security number will still need to create a FSA ID. Follow these steps to create an FSA ID without a Social Security number.

1. Go to studentaid.gov/fsa-id/create-account/launch [10] and select Get Started.
2. Complete your personal information, including a valid email address.

3. Select I do not have a Social Security number.

4. A warning will pop up — click Continue without a SSN.
5. Input the required personal information, ensuring you provide a valid email address and phone number.
6. Confirm that all information is correct and set up two-step factor verification for future access.

Please note: Contributors without social security numbers are required to manually input FAFSA information when completing the FAFSA form.

What if I or one of my Contributors do not want to provide consent when completing the FAFSA?
Each Contributor must provide consent on the FAFSA or the FAFSA will be incomplete and you will **not** be eligible for financial aid.

What happens after I submit my FAFSA?

We may need help confirming information on your FAFSA so you get the right financial aid. This is called 'verification,' and it's a common thing. If we need more information, you'll be contacted. We hit pause on processing your financial aid during this time but start up again after you've submitted the documents we need.

Verification FAQs [12]

ASU FAFSA calendar and deadlines

December 1

FAFSA opens
The FAFSA opens for the following year. The earlier you submit, the more financial aid you're likely to get. Get started on yours as soon as possible.

February 1

FAFSA priority date extended
ASU has extended the FAFSA priority date from Jan. 15 to Feb. 1. Submit your FAFSA by Feb. 1 to maximize financial aid opportunities.

Source URL: https://tuition.asu.edu/financial-aid/fafsa

Links:
[1] https://studentaid.gov/apply-for-aid/fafsa/filling-out
[2] https://studentaid.gov/h/apply-for-aid/fafsa
[3] https://studentaid.gov/apply-for-aid/fafsa/filling-out
[4] https://youtu.be/iTb7hMVtzco?si=DDXYj__SqpYTfVjG
[5] https://studentaid.gov/understand-aid/eligibility/requirements/non-us-citizens
[6] https://cssprofile.collegeboard.org/
[7] https://studentaid.gov/apply-for-aid/fafsa/filling-out/understanding-fafsa-form
[8] https://www.youtube.com/watch?source_ve_path=Mjg2NjQsMTY0NTAz&v=HXHaDOOx-Zw&feature=youtu.be
[9] https://studentaid.gov/help/who-is-parent
[10] https://studentaid.gov/fsa-id/create-account/launch
[11] https://www.youtube.com/watch?v=iTb7hMVtzco
[12] https://tuition.asu.edu/financial-aid/verification

Financial aid disbursement and refunds

How financial aid payments work

Any financial aid you receive from ASU is automatically applied to your charges before the semester begins. Any funds left over after your tuition and charges are paid can be paid back to you in the form of a financial aid refund. To make sure your aid disburses and you receive your refund, complete the steps below. If you're looking for information about a tuition refund — money you paid out of pocket that you get back when you drop a course or withdraw — visit the tuition refund page [1].

Watch video: How does my financial aid pay for my charges? [2]
Watch video: Three things to know before the first day of classes. [3]
Watch video: When will I get my refund? [4]
Watch video: How is financial aid split between fall and spring semesters? [5]

Make sure your financial aid file is complete

After you submit the FAFSA, you may need to submit additional documentation to help us confirm your financial eligibility. This is called "verification" and it's quite common. Check your Priority Tasks in My ASU [6] to see what, if any, verification items we may need.

Watch video: How to check Financing Tasks in My ASU. [7]

Enroll in direct deposit

By enrolling in direct deposit, any financial aid funds that remain after your charges have been paid will go directly into your bank account. Enroll in direct deposit by going to the Finances tab in My ASU [6] and clicking "Direct deposit enrollment."

Watch video: How to enroll in Direct Deposit [8]

Know how your enrollment impacts your aid

Changes in your enrollment can affect your financial aid awards, as one of the factors in your cost of attendance is the number of credit hours you take. If you drop a class, your aid will be decreased to match your enrollment hours. Other changes may adjust your cost of attendance and consequently your aid, including campus and residency status. Learn more about aid adjustment. [9]

How to know if your financial aid file is complete

Your financial aid tracker is there to help you understand where you are in the financial aid process. Visit the Finances tab in My ASU to view yours.

Watch video: How to know your financial aid file is complete [10]

When will my aid disburse?

Financial aid typically disburses **about a week before the semester starts**. Your financial aid tracker will show "in disbursement," which means your aid is in the process of being applied to your account. Once disbursement is complete, you'll see your account balance change to reflect that a payment has been made.

If you are offered loans, remember that you **need to accept or decline them in My ASU** in order for them to be disbursed.

Watch video: How do I accept my loans? [11]

Watch video: How do I change the amount of loans I accepted? [12]

Where is my refund?

The money left over after your charges have been paid is called a refund or a stipend. This may be scholarship money you have left over after your charges have been paid, or money you borrowed to help cover books and living expenses. You will receive these leftover funds in the form of a check or by direct deposit a few days after your charges have been paid.

Watch video: When will I get my refund? [13]

Frequently asked questions

When will my aid disburse?
Financial aid typically disburses **about a week before the semester starts**. Your financial aid tracker will say "disbursement is ready to begin," which means your aid is in the process of being applied to your account. Once disbursement is complete, you'll see your account balance change to reflect that a payment has been made.

How do I manage my financial aid?
It can be tempting to spend unwisely when you have extra money in your pocket after your charges are paid. Remember, loans need to be repaid with interest, and scholarship funds are intended to pay for housing and food, books, course materials, supplies, and equipment and should be used for those things only.

Why is financial wellness an important part of the financial aid process?
Smart borrowing, establishing good credit and creating a realistic budget are skills that you need to be successful. No matter what you're studying, this is a great time to start building your best money habits.

ASU partners with iGrad to offer students and alumni lifelong financial wellness skills through customized courses, articles and tools to help you make important financial decisions. From how to manage your first credit card to refinancing your home, investing in the stock market and saving for retirement — you'll learn it all. Get started with iGrad now [14] and begin a healthy, lifelong relationship with money.

What if I only need financial aid for one semester?
If you are a graduating senior and only attending one semester, Financial Aid and Scholarship Services is required to reduce your financial cost of attendance for the academic year to reflect one semester costs. In most cases, a reduction of your cost of attendance will reduce your financial aid eligibility and result in a reduction of some of your awards (even if you have already accepted them). If you plan on attending one semester, please contact us or visit our office [15] to see how your aid will be affected.

Important Notes

- You **may not** receive all of your fall/spring financial aid in the fall semester.
- You **may not** be considered a fall-only student if you are not graduating for the fall (i.e., you must apply for graduation [16] with the university).
- Your Federal Direct Subsidized and Unsubsidized Loans **will** prorate if you are an undergraduate or post-baccalaureate student (see below for details).
- If you were originally offered aid for the fall and spring semesters and do not end up attending the fall semester, your entire aid package may be cancelled mid-fall. If you plan on attending the following spring semester, please make sure to accept your aid on My ASU [17] and enroll for the spring semester.

Federal Direct Subsidized and Unsubsidized Loans
If you are an undergraduate or post-baccalaureate student, your Federal Direct Subsidized and Unsubsidized Loans must be prorated based on the number of credit hours for which you are enrolled. This means that you may not be eligible to receive your maximum annual loan limit. Your aid will be adjusted at the time of disbursement according to your enrolled credit hours.

How will my Financial Aid refund be disbursed if I am also using Chapter 31 or Chapter 33 VA benefits?
Students electing to use VA educational benefits at ASU under Veteran Readiness and Employment (Chapter 31) or the Post-9/11 GI Bill® (Chapter 33) must first establish their benefits eligibility, then verify their intent each semester. In accordance with 38 U.S.C 3679 (e), students who successfully establish their eligibility and elect to use benefits in any given semester are automatically given a tuition deferment that will prevent any late fees or penalties from being incurred during that semester. The deferred tuition due dates are as follows:

- Fall Semesters – December 25
- Spring Semesters – May 25
- Summer Semesters – September 25

Additionally, students who have accepted financial aid may elect to receive a credit for the anticipated amount of their VA benefits. This credit will allow any excess financial aid to disburse in advance of the VA's actual payment. Students should understand that ASU's "anticipated VA payment" is an estimate, and that settling their student account balances can only take place once all VA payments for the semester are received. It will be the student's responsibility to return any money that had been refunded in excess. For more information on the steps required, please contact the Pat Tillman Veterans Center at 480-965-7723 or PTVC@asu.edu [18]. For questions about your individual student account, please contact Student Business Services at 855-278-5080 or SBS@asu.edu [19].

Source URL: https://tuition.asu.edu/financial-aid/disbursement

Links:
[1] https://tuition.asu.edu/billing-finances/tuition-refund
[2] https://www.loom.com/share/a585e6749cbb404b81f698a24763a7e6
[3] https://www.loom.com/share/30a4b3c4e0dd42398691e4c619ee26c9
[4] https://www.loom.com/share/5ea7dea9e73947d4b7a17476b97442b0
[5] https://www.loom.com/share/3c5211fbfa6e4932a1268603c8be6eea
[6] https://my.asu.edu/
[7] https://www.loom.com/share/4b85547668524ecca4544272cb1820aa
[8] https://www.loom.com/share/1c4c6a7cd72d440095a80b20211898d1
[9] https://tuition.asu.edu/financial-aid/maintaining-aid
[10] https://www.loom.com/share/5d136c66a6ce491ca19d4f7906690d98
[11] https://www.loom.com/share/721032ea4c7e4245b93316ea32d40764
[12] https://www.loom.com/share/81967dd20d8148af91758317025ab5ed
[13] https://www.loom.com/share/5ea7dea9e73947d4b7a17476b97442b0
[14] https://www.igrad.com/
[15] https://tuition.asu.edu/contact
[16] https://students.asu.edu/graduation#how
[17] https://my.asu.edu/financialaid
[18] mailto:PTVC@asu.edu
[19] mailto:SBS@asu.edu

Financial aid forms

If Financial Aid and Scholarship Services needs a form to complete your financial aid file, we'll alert you through Priority Tasks on My ASU. You can find a list of any form we may need below. Once you submit the form, it can take up to two business days to show as received in My ASU.

University employees reviewing financial aid forms are mandatory reporters. Specific information related to acts of sexual harassment, which includes sexual assault, dating/domestic violence and stalking, committed by an ASU student or employee, or that happened on ASU property, or in an ASU program or activity, must be reported. Information about campus resources including advocacy assistance and confidential counseling and confidential victim-survivor advocacy can be found at https://sexualviolenceprevention.asu.edu/resources [1]. For more information about mandatory reporting at ASU, review the FAQs here.

Verification forms

2025-2026 Additional Information Request [2]
Military activation form [3]

Review forms

2025-2026 Parent Review Form [4]
2025-2026 Student Income Reduction Review [5]
Dependency review [6]
Student budget review [7]

Loan forms

Parent PLUS Loan Action Request [8]
Parent PLUS Loan denial funds request [9]
Parent PLUS Loan special circumstance request [10]
PLUS Loan Default [11]
Private loan applicant self-certification [12]
Resolve over limit status [13]
Student aid adjustment & return of financial aid funds [14]
Update Parent PLUS Borrower Info Request [15]

Scholarship forms

ASU scholarship recipient form [16]
Athletic grant-in-aid appeal [17]
Scholarship student consent to release records [18]
Scholarship, Obama scholars, and CAG appeal application [19]
Scholarship, Obama scholars, and CAG deferment application [20]
Scholarship, Obama scholar, and CAG reinstatement request [21]

Student employment forms

Federal work-study adjustment [22]

Other forms

Consortium agreement for Pell Grant and federal loans [23]
Emergency short-term loan application [24]
Financial aid request for preparatory coursework [25]
Financial aid withdrawal confirmation [26]
Iraq and Afghanistan Service Grant [27]
TEACH Grant Request [28]

Departmental forms - scholarships

Request for New Scholarship Item Type [29]

Departmental forms - student employment

General Student Employment Application [30]
Off-Campus federal work-study continuation request [31]
Off-Campus Federal Work-Study Hiring Authorization [32]
Off-Campus federal work-study terms of agreement [33]

Off-Campus federal work-study timesheet [34]
Payroll calendar and timesheet guidelines [35]
Request a new hire [36]
Student Employee Performance Evaluation [37]
Student Employment Release of Information Consent Form [38]
Student Level Reclassification [39]
Tax Withholding on Student Wages [40]

Source URL: https://tuition.asu.edu/forms

Links:
[1] https://sexualviolenceprevention.asu.edu/resources
[2] https://tuition.asu.edu/forms/additional-info-request/2026
[3] https://tuition.asu.edu/forms/military-activation
[4] https://tuition.asu.edu/forms/parent-review/2026
[5] https://tuition.asu.edu/forms/student-income-reduction-review/2026
[6] https://tuition.asu.edu/forms/dependency-review
[7] https://tuition.asu.edu/forms/student-budget-review
[8] https://tuition.asu.edu/forms/plus-loan-action-request
[9] https://tuition.asu.edu/forms/plus-loan-denial-funds-request
[10] https://tuition.asu.edu/forms/parent-plus-loan-special-request
[11] https://tuition.asu.edu/forms/plus-loan-default
[12] https://tuition.asu.edu/forms/private-loan-self-certification
[13] https://tuition.asu.edu/forms/resolve-loan-over-limit-status
[14] https://tuition.asu.edu/forms/financial-aid-adjustment
[15] https://tuition.asu.edu/forms/update-parent-plus-borrower-info-request
[16] https://tuition.asu.edu/forms/scholarship-recipient-form
[17] https://tuition.asu.edu/forms/athletic-grant-in-aid-appeal
[18] https://tuition.asu.edu/forms/scholarship-consent-records-release
[19] https://tuition.asu.edu/forms/scholarship-appeal
[20] https://tuition.asu.edu/forms/scholarship-deferment-application
[21] https://tuition.asu.edu/forms/scholarship-reinstatement
[22] https://tuition.asu.edu/forms/fa-fws-adjustment
[23] https://tuition.asu.edu/forms/consortium-agreement
[24] https://tuition.asu.edu/forms/short-term-loan
[25] https://tuition.asu.edu/forms/financial-aid-request-preparatory-coursework
[26] https://tuition.asu.edu/forms/financial-aid-withdrawal
[27] https://tuition.asu.edu/financial-aid/grants/iraq-afghanistan-service-grant
[28] https://tuition.asu.edu/forms/teach-grant-request
[29] https://tuition.asu.edu/forms/request-new-scholarship-item-type
[30] https://tuition.asu.edu/forms/student-employment-application
[31] https://tuition.asu.edu/forms/fws-continuation-request
[32] https://tuition.asu.edu/forms/hiring-authorization
[33] https://tuition.asu.edu/forms/off-campus-fws-agreement
[34] https://tuition.asu.edu/forms/off-campus-work-study-timesheet
[35] https://tuition.asu.edu/forms/payroll-calendar-timesheet-guidelines
[36] https://tuition.asu.edu/forms/request-new-hire
[37] https://tuition.asu.edu/form/student-employee-performance-evaluation
[38] https://tuition.asu.edu/forms/student-employee-release-consent
[39] https://tuition.asu.edu/forms/student-level-reclassification
[40] https://tuition.asu.edu/forms/tax-withholding-student-wages

Maintaining your financial aid

How your financial aid can change

The amount of financial aid you receive may increase or decrease depending on many factors, such as your enrolled hours, participation in courses and progress toward your degree. Understanding how these factors affect your aid can help you stay on track.

Scholarship adjustments are updated on My ASU Monday through Friday, except for university-recognized holidays. Any changes you make to your enrollment that cause an adjustment to your aid will be resolved in five to seven business days.

Maintaining enrollment

Your cost of attendance and financial aid depend on factors that include the number of credit hours you are enrolled in and your session enrollment.

Watch video: How many credits do I need to be enrolled in to keep my financial aid? [1]

Note: The amounts shown in the video are examples and may not reflect your actual costs and scholarships.

Course participation

To keep your financial aid, it is important to participate in your classes; if you do not, your aid could be reduced or cancelled, and you will have to pay your tuition without using financial aid. You must show participation in your courses by the 21st day after the start date to avoid a reduction in or cancellation of your financial aid.

Watch video: About confirmation of participation [2]

Learn more [3]

Withdrawing as a financial aid recipient

If you don’t finish your classes as scheduled, your financial aid could be recalculated or canceled.

Learn more [4]

Dropping classes as a financial aid recipient

Changing your schedule after class starts can change your financial aid amounts. If you drop a class and your aid has already been disbursed, you may still be charged for the class and may not receive financial aid to cover it.

Learn more [5]

Incomplete grades as a financial aid recipient

Receiving an “I” (incomplete) grade in a session A or B course may impact your financial aid amounts.

Learn more [6]

Satisfactory academic progress

To remain eligible for federal financial aid, you must make satisfactory academic progress as a student. This means that you need to complete your classes in a timely manner, and your grades must demonstrate that you are successfully working toward completion of your degree.

Learn more [7]

Overawards

An overaward occurs when your need-based scholarships exceed your financial need, or the total of your scholarships exceeds your cost of attendance. If you have been overawarded, federal regulations require ASU to adjust your scholarships, which may result in a bill to your account.

Learn more [8]

Source URL: https://tuition.asu.edu/financial-aid/maintaining-aid

Links:
[1] https://www.loom.com/share/1ad90a9d33fb4cbdb7e1cf019dac1892
[2] https://www.loom.com/share/b2b1510c9eca4693a4e08a63d1e2622e
[3] https://tuition.asu.edu/financial-aid/confirmation-of-participation
[4] https://live-tuition-asu.ws.asu.edu/policies/fa-withdrawal
[5] https://tuition.asu.edu/policies/census
[6] https://tuition.asu.edu/policies/igrades
[7] https://tuition.asu.edu/satisfactory-academic-progress
[8] https://tuition.asu.edu/overawards

Scholarships

Investing the time for scholarships can really pay off.

New American University scholarship estimator

Are you wondering if you qualify for the New American University Scholarship? This scholarship is awarded to incoming first-year students at ASU who demonstrate exceptional academic achievement upon their admission for the fall semester. To find out if you're eligible and what you could receive, use this estimator tool.

Scholarship Estimator [1]

Scholarship Universe

All admitted students can access ASU's Scholarship Universe. There are scholarships for a wide range of talents, personal stories, creativity, and more. Scholarship Universe includes both ASU and non-ASU scholarships, so there's something for everyone. Apply early to avoid missing deadlines! For more information, check out our helpful videos [2] and FAQs [3] on using Scholarship Universe.

Scholarship Universe [4]

New American University scholarship renewal

Are you on point to renew your New American University scholarship? Make sure you review your renewal criteria to stay fully funded at ASU.

Scholarship Renewal [5]

Financial assistance for AZ residents

ASU is committed to making college affordable for Arizona families. Learn about the programs Arizona residents may be eligible for.

Programs for AZ residents [6]

Scholarships for special programs

Military and Veteran financial assistance [7]
Foster Youth financial assistance [8]
American Indian Student Support Services [9]

Scholarship Universe frequently asked questions

What is Scholarship Universe?
Scholarship Universe is a powerful tool that helps you maximize your scholarship opportunities. By creating an academic profile, you can connect with internal and external scholarships that match your criteria.

What's the difference between internal and external scholarships?
Internal scholarships are awarded by ASU, whereas external scholarships come from outside sources. All external scholarships listed in Scholarship Universe are vetted.

Why should I complete "My Profile" in Scholarship Universe?
Completing your profile ensures that you'll be matched with scholarships tailored to your background. ASU departments and external groups will use this platform to post future scholarship opportunities, so your profile will remain useful throughout your academic experience.

Do I need to be an ASU student to access the portal?
Yes, you must be an admitted or current ASU student. Use your ASURITE User ID and password to log in to Scholarship Universe and start exploring scholarships.

How do I use Scholarship Universe?

- Visit Scholarship Universe and log in with your ASURITE User ID and password.
- Complete your student profile to be matched with scholarships.
- Use the "Scholarships" tab to find and apply for opportunities.
- Regularly check for new matches and track your application status.

Can I search for a specific scholarship?
Yes, there are multiple ways to search for scholarships in Scholarship Universe:

- Search function: Use the Search bar at the top-right corner by your name to search by keywords or tags.
- Scholarships tab: Select the Scholarships tab and use the Sort and Filter options in the upper-right corner to search within categories, such as Matches and Pinned, etc.
- Filter option: Narrow your search by organization, academic department or other criteria using the available filters.

Source URL: https://tuition.asu.edu/financial-aid/scholarships

Links:
[1] https://financialaid.asu.edu/estimator
[2] https://tuition.asu.edu/financial-aid/scholarships#su-block-videos
[3] https://tuition.asu.edu/financial-aid/scholarships#su-block-faqs
[4] https://asu.scholarshipuniverse.com/
[5] https://tuition.asu.edu/scholarship-renewal-guide
[6] https://tuition.asu.edu/special-financial-assistance-programs-arizona-residents
[7] https://veterans.asu.edu/scholarships
[8] https://fosteryouth.asu.edu/bridging-success
[9] https://tuition.asu.edu/financial-aid/american-indian-funding

Student employment

Student jobs are more than just a paycheck.

You may need to work in order to meet educational and living expenses or you feel the experience could be a valuable part of your education. The skills you obtain from working complement your academic performance and communicate to future employers your ability to succeed in a professional setting.

Studies have shown that students who work do just as well or better academically than non-working students and grades improve as students work more hours per week (up to 20). In addition, working students are more likely to complete a degree program than non-workers.

Search for Student Jobs [1]

Student jobs podcast

Planning to work during college? Emily and Ben were two of the 11,000 students who work for ASU and you can be too. Find out what their work experience at ASU has been like, and hear what they say is the best part about working for ASU.

Inside ASU - "Take this job and love it: Being a student worker at ASU." podcast episode [2].

More information about student jobs

Benefits to working in a student job

- Additional financial resources.
- Acquire valuable work experience for your résumé.
- Reduce necessity for student loans.
- Opportunity for networking with professionals.
- Opportunity to sample different career choices.
- Valuable and practical career-related experiences.
- Exposure to the world of work.
- Opportunity to enhance fundamental work skills.
- Develop a sense of community and involvement with ASU.

Community service work-study jobs

Community service federal work-study (FWS) jobs are designed to engage a student in improving the quality of life for community residents, particularly low-income individuals, or to address issues such as: literacy training, social services, housing, neighborhood improvement, public safety, recreation, at-risk youth and community improvement. Find these rewarding positions by clicking on the advanced option and entering "Community Service FWS" in the Job Description text field when searching for jobs [1].

Tips for completing a job application

Writing your Resume [3] | Strengthen your Interviewing Skills [3]

Remember, the job application is your first opportunity to make a good impression with a potential employer.

- The application provides the employer with specific information in a designated order. Never write "see resume" in any area of the application.
- Through the job application, the employer senses attitude, stability and motivation. It also reveals communicative skills. It should never be done illegibly, hastily or incompletely.
- Print or write neatly, or even better, type the information. Be sure to read the instructions on the application. Statements should be brief and concise.

- All questions must be answered; all sections must be completed. If it doesn't pertain to you, place a dash or N/A in that space.
- Know start/stop dates of your employment history, pay rates and your supervisors' name(s).
- Use action words to describe your responsibilities and accomplishments.
- It is a good idea to have a "dummy" application with history and references.
- Reasons for leaving: refrain from any negative statements. You want to present a positive picture of yourself. Use "further my education" or "interesting new job opportunity," etc.
- Salary: When the definite Pay Rate is unknown, write "open."
- References: Make sure you have correct addresses and phone numbers. Let your references know you list them and keep them informed.
- Additional remarks: Do not leave this area blank. Use this space constructively by inserting statements regarding your abilities, skills and reasons why you would be a desirable candidate for the position.
- If you have extensive experience in community service and volunteering, you may treat it as you would work experience. Keep in mind that this information provides a well-rounded profile of the type of person you are.

Resume, cover letter and interview tips

- The goal of the resume and cover letter is to attract sufficient attention to create an interview opportunity.
- The purpose of your interview is to evaluate your qualifications as they relate to specific job functions.

For helpful tips on these and other topics please review the tips on the Career Services Web site [3].

Student employee responsibilities

You should consider your part-time position as an important job that can impact your future work experience. You are now part of the ASU work force and your department depends on you. The following are your responsibilities as a student employee at any ASU campus:

- To complete a new hire packet within 72 hours, if you have not worked for ASU during the last 12 months, and submit it to the Human Resources department located on your campus.
- To maintain enrollment necessary for student employment eligibility.
- To coordinate your work hours with your supervisor according to the department's needs and your own class and study schedule.
- To perform assigned duties promptly and competently.
- To be dependable and always report to work on time-excessive tardiness or absenteeism is grounds for disciplinary action.
- To arrive at the office prepared to work - refrain from studying or conducting personal business (phone/email) on the job.
- To refrain from having family or friends visit during scheduled work times.
- To attend all student staff meetings or training sessions *unless* you have a scheduled class or exam.
- To not work at your job during times you are scheduled to be in class.
- To observe policies on confidentiality for all University, department and student records, and information.
- To schedule your lunch and rest breaks in advance and get your supervisor's approval.
- To not eat or study during your scheduled shift, unless approved by your supervisor.
- To maintain appropriate dress and personal grooming.
- To notify your supervisor in advance if you will be absent from work - frequent absences are a justifiable cause for dismissal.
- US citizens or eligible non-citizens may not work more than an average of 25 hours a week (or 62.5 percent FTE) over a rolling twelve month period. This maximum applies to the combined total of all jobs, including hours associated with stipends paid for services. Graduate Assistants may work a total of 20 hours per week.
- To not work more than 20 hours per week during the academic semesters if you are an international student on a visa.
- To keep an accurate record of hours worked and submit correct payroll information to your supervisor by the stated deadlines.
- To inform your supervisor of any plans to end employment. The customary notification time period is two weeks.

- To stop your Hourly employment two weeks after your graduation from ASU, unless you are enrolled for the next semester.
- To stop your employment on your graduation day as an undergraduate international student.
- To stop your employment on your defense date, comprehensive exam date or which ever option you have for the completion of your degree program as a graduate international student.
- To stop your FWS employment on the last day of the spring semester or the day before the fall semester starts according to your FWS Notification specifying the term of your employment period.
- To stop your FWS employment on the day of your graduation from ASU.

Student employee rights

The following rights are available to all student employees.

- The right to be treated fairly and respectfully by the University – ASU follows equal employment opportunity and affirmative action principles.
- The right to a safe, clean and professional working environment.
- The right to know your specific job description including your supervisor's standards and expectations.
- The right to adequate training in skills and procedures necessary to perform assigned tasks.
- The right to be informed about your work performance through verbal communication or performance evaluations.
- The right to use your campus job as a reference for future employers.
- The right to a grievance procedure for stating concerns related to the job and/ or supervisor (see USI 304-12 [4]).
- The right to file a grievance with the AA/EO Office if you believe you have been sexually harassed or discriminated on the job (see USI 304-03 [5] and USI 304-04 [6]).

Standard wage scale

Student Employment offers a wide range of positions, which require different degrees of skill or experience. The student wage scale starts at $14.35/hour and pay rates should not exceed $50.00/hour. Four wage levels with different pay ranges have been provided below. Federal Work-Study and Hourly employment share the same wage levels and pay ranges. Wage placement must be in relation to the type of duties performed and in consideration of other student worker wage rates in similar jobs.

Students working in states/locations outside of Arizona may require pay rates above the Standard Wage Scale minimum. Please click here [7] to see current State Minimum wage rates. If you have any questions on setting rates in situations like this, please reach out to an ASU Compensation Partner at cfo.asu.edu/compensation.

Note: Due to Kenexa implementation, we can no longer use Open Range Wage Levels, we must use Standard Wage Scales. Student pay rate amounts must stay within the student wage levels.

Job Code Level	Job Level Descriptions	FY2025 Student Employment Standard Wage Scale Effective July 8, 2024					
		Arizona		California		District of Columbia	
		Min Pay Rate	Max Pay Rate	Min Pay Rate	Max Pay Rate	Min Pay Rate	Max Pay Rate
I	Duties are of a routine and simple nature; entry level. Requires direct supervision with relatively specific instructions. Little or no training or experience is required.	$14.35	$15.05	$17.28	$18.13	$17.50	$18.36
II	Duties are varied and less routine and involve a moderate degree of responsibility and judgment. May lead or coordinate activities of other student employees. Requires previous knowledge or skill and/or equivalent experience or training.	$14.75	$16.22	$17.76	$19.55	$17.99	$19.80
III	Duties are technical and complex and involve a high degree of responsibility and judgment. May supervise or direct activities of other student employees. A significant amount of specialized training or experience is required.	$15.62	$18.62	$18.82	$22.45	$19.06	$22.74
IV	Duties are highly technical and/or complex and involve a significant degree of responsibility and judgment. This classification is limited to teaching/research aide type work or those positions requiring highly specialized skills and/or technical knowledge.	$17.40	$50.50	$20.98	$61.08	$21.24	$61.87

Exceptions

Please note that many states have local/city minimums that exceed the state level. In Arizona, Flagstaff has a higher minimum than the rest of the state. California has over 30 local/city minimums that exceed the current state minimum of $15.50 per hour. Please see current state and major locality wage minimums [7].

The Student Wage Scale includes all student hourly positions. It is not applicable for Research/Teaching Assistant, Internship, Fellowship or Mentorship opportunities as those positions are overseen by the Graduate College in accordance with the appropriate recruitment policies and procedures.

Federal work-study calculator

[Archivist Note: Work-Study Calculator unable to be archived]

Mandatory student employee training courses

Enterprise Technology security training

ASU is committed to preserving the confidentiality, integrity, and availability of University information resources. Our responsibility is in securing the information of students, faculty, and staff. Whether data is on your workstation, phone or

tablet - the ASU community, and each of us in it, plays an important role in securely storing, sharing, and protecting electronic information. The course includes necessary information on how to protect both personal and ASU information, back up files, maintain your operating system, respond to incidents, and encrypt laptops, desktops and mobile devices.

To access the course, please visit ASU Information Security Training [8]

The course will take about 22 minutes to complete. It includes a presentation and a quiz. For those of you familiar with this material, you can go directly to the quiz. You must answer 12 of 15 quiz questions correctly to earn credit for the course and you may re-take the quiz if necessary. For questions or comments, please email utotraining@asu.edu.

Preventing harassment and discrimination training

This program is designed to increase awareness of ASU's policies regarding anti-harassment, non-discrimination, and non-retaliation. The program is also intended to educate the university community about what constitutes appropriate behavior, and how to properly report concerns about inappropriate behavior. This training is mandatory for all student workers in all academic and administrative units.

To access the course, please visit Preventing harassment and discrimination [9]

- The self-paced training includes an online module, quiz and resource guide with information and policies to review.
- You must score 80% or better on the required quiz at the end of the session to receive a certification of completion. You can retake the quiz if you do not receive a score of at least 80%.
- Your dean or director will be able to track your completion of the training via dashboard and routine reports that will be available for University administrators.
- Student workers must complete this training within 60 days of their hire date.
- If you experience any technical difficulty with the training, please call 1-855-278-5080.
- Questions? Contact equityandinclusion@asu.edu [10]

Fire prevention training

To access or select from a range of Environmental Safety training topics, please visit Fire Safety and Prevention [11]

Title IX and your duty to report

To access the course, please visit Title IX and Your Duty to Report [12]

Contacting the student employment office

For full-time jobs or ASU career link

Please contact ASU Career Services at 480-965-2350 or by email at careerservices@asu.edu [13]

For internships

Please contact ASU Career Services at 480-965-2350 or by email at careerservices@asu.edu [13]

For part-time jobs

Please contact Student Employment at 480-965-5186, or use your My ASU Service Center to chat with us [14] or submit a case [14].

Disclaimer

Arizona State University's Student Employment Office acts only as a referral service, advising individuals of employment opportunities submitted to the office. We make no recommendations or guarantees about the positions or employers listed through our office.

Arizona State University is not responsible for the safety, wages, working conditions, or other aspects of off-campus employment. Due to the volume of jobs received by the Student Employment Office, we are unable to research the integrity of every position listed. Therefore, students are urged to research positions and employers and conduct due diligence themselves. We encourage you to use common sense and caution when applying for positions, especially when applying for positions off-campus. Do not put yourself in a vulnerable situation. Carefully check any employer you are considering to be sure the job offered is legitimate. Watch the Federal Trade Commission's video on job scams [15]. Arizona State University assumes no responsibility for the positions or employers listed through the Student Employment Office. By using this service, you assume sole and full responsibility for researching and conducting due diligence regarding potential employers as well as any employment you obtain.

- Use common sense when applying for and engaging in off-campus employment. If a potential employer asks you to participate in an activity that makes you uncomfortable in any way, don't do it.
- Be wary of 'check cashing scams.' If someone asks you to deposit a check/money order into your personal account and send money to another individual, you should refuse and contact our office immediately.
- Please be aware that the Student Employment Office will list employment opportunities on this website only. We are unable to prevent other websites from copying our listings and reposting them elsewhere.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, protected veteran status, or any other basis protected by law.

Source URL: https://students.asu.edu/employment

Links:
[1] https://students.asu.edu/employment/search
[2] https://www.podbean.com/ep/pb-5gndr-7a29e6
[3] https://career.asu.edu/
[4] https://www.asu.edu/aad/manuals/usi/usi304-12.html
[5] https://www.asu.edu/aad/manuals/usi/usi304-03.html
[6] https://www.asu.edu/aad/manuals/usi/usi304-04.html
[7] https://www.epi.org/minimum-wage-tracker/#/min_wage
[8] https://getprotected.asu.edu/training/asu-information-security-training
[9] https://asu.csod.com/ui/lms-learning-details/app/course/cf195b5d-7bdc-45f2-8a41-9cc1b41d91f5
[10] mailto:equityandinclusion@asu.edu
[11] https://cfo.asu.edu/ehs-training
[12] https://career-edge.asu.edu/
[13] mailto:careerservices@asu.edu
[14] https://myasu.force.com/
[15] https://www.youtube.com/watch?v=A-4N9z21U7o

Student grants

What is a grant for college students?

A grant is free money — you don’t have to pay it back. The most common types of student grants come from federal, state and university resources.

Eligibility

Who can get a grant?

Grants for college students are usually need-based — that is, if your family income is under a certain amount, then you may qualify. The purpose of a grant is to help you pay for college when you and your family might not otherwise be able to afford it.

Process

How do I get a grant?

All grants require the student to file a FAFSA each year and are awarded to students who are eligible for need-based aid. Completion of the FAFSA by the priority filing date is recommended due to the funding limitations of some programs. ASU has extended the FAFSA priority date from Jan. 15 to Feb. 1 for the 2025-2026 academic year. Monitor your My ASU account and submit all documents promptly. Your financial aid file must be complete before grant eligibility is considered.

Available grants for college

Federal Pell Grant

Who is it for?
Undergraduate students with high financial need.

Who offers it?
The federal government.

How much is it worth?
Amounts can change yearly. The maximum Federal Pell Grant award is $7,395 for the 2024–25 award year (July 1, 2024, to June 30, 2025).

How do I get it?
File the FAFSA.

Learn more about Pell grants [1]

Federal TEACH Grant

Who is it for?
Students who intend to teach in a public or private K-12 school that serves low-income students.

Who offers it?
The federal government.

How much is it worth?
Up to $4,000 per year.

How do I get it?
File a FAFSA and meet academic requirements. If you don’t automatically qualify through your FAFSA, you can submit a TEACH Grant Request form [2] for further consideration.

Learn more about Federal TEACH Grants [3]

Financial Aid Trust Grant

Who is it for?
Undergraduate students from Arizona or students from underrepresented populations with significant financial need. Limited funding is available and funds are not guaranteed each year.

Who offers it?
This is paid for through student fees and funding from the Arizona Legislature.

How much is it worth?
Up to $4,000 per year.

How do I get it?
File the FAFSA by March 1.

Federal Supplemental Educational Opportunity Grant

Who is it for?
Undergraduate students with significant financial need.

Who offers it?
The federal government.

How much is it worth?
Between $100 and $1,000 a year.

How do I get it?
Complete the FAFSA and receive a Pell grant for consideration.

Source URL: https://tuition.asu.edu/financial-aid/grants#carouselExampleControls

Links:
[1] https://tuition.asu.edu/financial-aid/grants/pell
[2] https://tuition.asu.edu/forms/teach-grant-request
[3] https://tuition.asu.edu/financial-aid/grants/teach

Student loans

What is a student loan?

A student loan is money that you borrow to pay for college with the condition that it be paid back over a certain period of time with interest. Students often use student loans when family contributions, scholarships and grants do not cover the total cost of attendance.

How much should I take out?

We recommend borrowing only the amount you need. College is an investment in yourself and the responsible use of loans can be an important part of helping you attain a college education.

How do I act on loans I've been offered?

To accept or decline loans, visit the Financial Aid and Scholarships box in My ASU to view your loan offers. You can select the amount you want to borrow, if any, and click **accept** or **decline.**

Watch video: How to accept or decline loans I've been offered [1]

Types of loans

There are different types of loans for various situations.

Federal Student loans for undergraduates
About Federal Loans [2]

Federal Parent PLUS loans
About Parent Plus loans [3]

Federal Grad PLUS loans
About Grad PLUS loans [4]

Private loans
About private loans [5]

Emergency short-term loans
About emergency loans [6]

How to apply for a student loan

Your first step in getting a loan is to fill out the FAFSA [7]. The FAFSA will reveal how much money you are eligible to borrow in federal loans. You may also receive a loan from a private lender such as a bank. More on private loans here [5], but keep in mind that private loans almost always have a higher interest rate than federal loans, meaning you'll likely pay more over the life of the loan.

Student loan FAQs

How do I change the loan amount I accepted?
If you have accepted a loan and would like to increase or decrease the loan amount you accepted, you can visit the student aid adjustment page to submit an aid adjustment form [8].

How do I request more aid?
If you would like to increase the loan amount you accepted, you can visit the student aid adjustment page to submit an aid adjustment form [9]. Select the aid type you would like to request more of, then select Increase. Then you can indicate how much you have already accepted, and how much you would like to increase your loan to. If you're not sure how much you've already accepted, you can find that in your Financial Aid and Scholarships box in My ASU. To see how much you're eligible for, view the chart on the student aid adjustment form, or visit the studentaid.gov loans page [9].

Do I have to repay student loans?
Yes, with interest. It's an investment in your future, and your earning potential will increase with a degree. That said, you only want to borrow what you need. Learn more about loan repayment [10].

What are ASU loan limits?
1st Year/Freshman (0 - 24 credits)

- Dependent Undergraduate Student:
  $5,500—No more than $3,500 of this amount may be in subsidized loans.
- Independent Undergraduate Student*:
  $9,500—No more than $3,500 of this amount may be in subsidized loans
- Graduate/Professional Student:
  $20,500†

2nd Year/Sophomore (25 - 55 credits)

- Dependent Undergraduate Student:
  $6,500—No more than $4,500 of this amount may be in subsidized loans.
- Independent Undergraduate Student*:
  $10,500—No more than $4,500 of this amount may be in subsidized loans.
- Graduate/Professional Student:
  N/A

3rd Year/Junior, 4th Year/Senior (56+ credits)

- Dependent Undergraduate Student:
  $7,500—No more than $5,500 of this amount may be in subsidized loans.
- Independent Undergraduate Student*:
  $12,500—No more than $5,500 of this amount may be in subsidized loans.
- Graduate/Professional Student:
  N/A

Maximum Total Debt from Federal Direct Subsidized and Unsubsidized Loans When You Graduate (i.e., your aggregate loan limits)

- Dependent Undergraduate Student:
  $31,000—No more than $23,000 of this amount may be in subsidized loans.
- Independent Undergraduate Student*:
  $57,500—No more than $23,000 of this amount may be in subsidized loans.
- Graduate/Professional Student:
  $138,500†

*Also applies to dependent undergraduate students whose parent was denied a PLUS loan and post-baccalaureate students.
† As of the 2012-2013 academic year, subsidized loans are no longer awarded to.

For more information on student loan limits, visit the federal student loan limits page [11].

How do student loans work?
First, you should submit the FAFSA to learn how much you're eligible for in federal loans. Then decide how much of that you want to borrow. (Don't borrow any more than you need.) The interest rates are fixed as of the date you borrow and federal loan interest rates are typically significantly lower than private student loan interest rates. Once you decide whether you're going to accept or decline your loans, sign into My ASU and click "accept" or "decline" if it's a Federal Direct Subsidized or Unsubsidized loan.

Do I need a parent or guardian to get loans?
If you're a dependent student, you need your parents' information to submit the FAFSA and receive federal student loans. Private student loan requirements vary so check with the lender.

How do I pay back Federal Perkins Loans?
ASU is your lender, and you'll repay ASU once your Perkins Loan moves to repayment status (typically nine months after graduation, withdrawal from school or dropping below half-time enrollment). Monthly payments depend on your loan amount and length of your repayment period. Payments can be made online. For complete details on repaying your Federal Perkins Loan, visit tuition.asu.edu/perkins-loan-repayment [12].

Can I apply for a Canadian Student Loan?
Canadian citizens or permanent residents of Canada living in any province for over a year are eligible to receive a Canadian Student Loan by the Canadian government through the Canada Student Loan Program. Eligible borrowers may also receive loans through individual provinces either through their own programs or programs integrated with the CSLP. Loan funds are sent directly to the student from the providence it was obtained through. ASU does not receive funds.

Arizona State University processes the Canadian Student Loan applications one term at a time. Students should submit a new loan application each term when charges for that term are posted to their student account. The Canadian Student Loan applications should be submitted to Financial Aid and Scholarship Services via fass@asu.edu.*

*Note: Canadian Student Loan applications through British Columbia are processed directly on their website. An email is sent to ASU each time a new loan application is available for review.

Canadian Confirmation of Enrollment and Confirmation of Distance Education Eligibility forms are also processed one term at a time. Students should submit a new form each term to Financial Aid and Scholarship Services via fass@asu.edu.

Source URL: https://tuition.asu.edu/financial-aid/loans

Links:
[1] https://www.loom.com/share/721032ea4c7e4245b93316ea32d40764
[2] https://tuition.asu.edu/financial-aid/loans/federal
[3] https://tuition.asu.edu/financial-aid/loans/parent-plus
[4] https://tuition.asu.edu/financial-aid/loans/grad-plus
[5] https://tuition.asu.edu/financial-aid/loans/private-loans
[6] https://tuition.asu.edu/financial-aid/loans/emergency-loans
[7] http://fafsa.gov/
[8] https://tuition.asu.edu/forms/financial-aid-adjustment
[9] https://studentaid.gov/understand-aid/types/loans/subsidized-unsubsidized#how-much-can-i-borrow
[10] https://tuition.asu.edu/financial-aid/loans/repayment
[11] https://studentaid.gov/understand-aid/types/loans/subsidized-unsubsidized
[12] https://tuition.asu.edu/perkins-loan-repayment

Student loan repayment

Manage student loan repayment

If you're a former ASU student and still have student loans, you're not alone — and you don’t have to navigate repayment on your own. Arizona State University is here to ensure you have the information and tools you need to manage your loans effectively and avoid unnecessary stress.

Keep in mind that federal student loans enter repayment six months after you graduate, leave school or drop below half-time enrollment. This six-month grace period gives you time to prepare before payments begin.

To help you stay on track, here are the key steps you can take to manage your student loans successfully:

Step 1: Log in to StudentAid.gov

Begin by visiting the U.S. Department of Education’s official website at StudentAid.gov. This is your central hub for federal student loan information. After logging in with your FSA ID, you’ll be able to:

- View your total loan balance
- See who your loan servicer is
- Review your repayment options and use the loan simulator [1] tool to estimate monthly payments
- Explore deferment or forbearance if you need to temporarily pause payments

Step 2: Contact your loan servicer

Your loan servicer is your primary point of contact for repayment. Once you’ve identified your servicer on StudentAid.gov, reach out to them directly. They can help you:

- Choose a repayment plan that matches your current financial situation
- Explain how interest and payments are applied to your loan
- Update your contact information to ensure you receive timely updates

If you haven't already connected with your servicer, we encourage you to do so as soon as possible. Staying in touch helps you avoid missed payments and keeps your loan in good standing.

Step 3: Stay proactive about repayment

Managing your student loans doesn't end with setting up a plan — it's an ongoing process. Check in regularly with your servicer, especially if your income or personal situation changes. Make sure your contact information is always current and monitor your account for any updates or notices.

How to prepare [2]

Repaying student loans

Loan repayment resources

Learn more about student loan repayment from our financial wellness partner, iGrad.

Take a 10 minute student loan repayment course [3], learn more about repayment options [4] and use the federal student loan repayment simulator [5] to calculate student loan payments and chose the best repayment option for you.

Information on Parent Plus loans

The student loan repayment pause also applies to parents with Federal Direct Parent Plus loans. Parents should follow the same steps as students to obtain their FSA ID [6], and then contact their loan provider for information on resuming payment. Parent Plus loan repayment follows a different timeline than student loans, and repayment will begin while the student is still in school. Interest will also begin to accumulate as repayment resumes. Please contact your loan provider for more information.

Establishing automatic payments

If you were on an automatic payment plan prior to the student loan repayment pause, you must contact your servicer and opt back in to the automatic payment plan. Not sure who your servicer [7] is? Go to StudentAid.gov [8], find your account dashboard [9] and scroll down to the "My Loan Servicers" section. You can also call the Federal Student Aid Information Center at 1-800-433-3243.

Preparing for student loan repayment

Watch these informational NASFAA videos to help you understand student loan repayment and the first steps to get started.

How to Prepare for Successful Student Loan Repayment [10] video

Stay Alert to Avoid Student Loan Scams [11] video

Source URL: https://tuition.asu.edu/financial-aid/loans/repayment

Links:
[1] http://www.studentaid.gov/loan-simulator
[2] https://www.nasfaa.org/uploads/documents/Prepare_For_Repayment_Infographic.pdf
[3] http://asu.igrad.com/courses/repaying-your-student-loans
[4] http://asu.igrad.com/articles/student-loan-repayment-plans-choosing-a-plan-grace-period
[5] http://studentaid.gov/loan-simulator
[6] https://studentaid.gov/fsa-id/create-account/launch
[7] https://studentaid.gov/manage-loans/repayment/servicers
[8] http://studentaid.gov/
[9] https://studentaid.gov/dashboard/
[10] https://youtu.be/DDlBmaueFRQ
[11] https://youtu.be/Xes3FEKyNhg

Financial aid and tuition FAQs

Am I eligible for a Federal Pell Grant in the summer?
If you received less than a full academic year of Pell Grant in the fall and spring semester(s), you may be eligible for the remainder of your Pell Grant scheduled award in the summer. You will be automatically considered and awarded any Pell Grant funds for which you are eligible for in the summer.

Am I eligible for Federal Financial Aid?
The only way to know if you're eligible for federal financial aid is to submit the FAFSA.

Am I eligible for the Obama Scholars Program in the summer?
The Obama Scholars Program does not provide aid for the summer semester. You may be awarded with other forms of financial aid.

Do contributors without a Social Security number have to create a FSA ID?
Yes — Contributors that do not have a Social Security number will still need to create a FSA ID. Go to studentaid.gov/fsa-id/create-account/launch [1] and instead of entering a Social Security number, check the box indicating the Contributors that do not have a Social Security number.

The Contributor will be able to create an account, but there may be additional steps to complete identity verification.

Do I need to submit the FAFSA every year?
Yes, you need to submit the FAFSA for every year that you are in college in order to receive federal financial aid.

How can I apply for Federal Work-Study in the summer semester?
Three scenarios may occur: If you are enrolled in summer classes and have worked under the Federal Work-Study program for the preceding fall or spring semesters, you will automatically receive a summer Federal Work-Study estimate award. Once we receive a summer continuation of your job assignment or new hire form from your employer, we will change it to an actual summer Federal Work-Study award. If you are enrolled in summer classes, and you did not work under the Federal Work-Study program during the preceding fall or spring semesters, you can request for Federal Work-Study eligibility. Once we receive information about your summer job assignment from your employer, we will post an actual summer Federal Work-Study award. If you are not enrolled in the summer semester, but you wish to work under for a summer Federal Work-Study job, you must have the following: A completed FAFSA for the current and upcoming academic years on file with ASU. Be eligible for need-based financial aid for both academic years. The Federal Work-Study earnings during this time of non-enrollment will be considered as a resource for the next enrollment period, which will have an effect on your financial aid eligibility for the next academic year.

How do I accept my summer award(s)?
Accept your awards on My ASU under Finances. Remember, summer financial aid is at the end of the current academic year.

How do I apply for summer financial aid?
There is no separate summer aid application. Students who enroll for the summer and have a FAFSA on file for the aid year preceding the summer semester will be automatically considered.

How do I check the status of my FAFSA?
To check the status of your Free Application for Federal Student Aid (FAFSA®) form, do the following: Log in to fafsa.gov. Your FAFSA status can be found on the “My FAFSA” page, which displays immediately after you log in if you’ve already started or completed a FAFSA form. To check on the status of financial aid being disbursed to you or your account, check with the financial aid office at your college or career school. Note: If you submitted a paper FAFSA form, you can check

the status of your application after it has been processed (roughly 7 to 10 days from the date mailed). To check on the status of your FAFSA form, contact the Federal Student Aid Information Center.

How do I correct my FAFSA?
To make corrections to your Free Application for Federal Student Aid (FAFSA®), click the Log In button on the home page and log into FAFSA on the Web, and then click Make FAFSA Corrections. When correcting your FAFSA, you can: Add or remove colleges from your application Change your e-mail or mailing address Correct any field in your FAFSA other than your Social Security Number (SSN)

How do I know if my student is dependent or independent?
To determine if you (or your student) is dependent or independent, visit the studentaid.gov site for a list of questions that will help you determine your status.

How does census affect my summer awards?
All awards, except for loans, will prorate throughout the summer census date according to our Census Policy.

How does the student or other Contributor create an FSA ID?
Go to studentaid.gov/fsa-id/create-account/launch [1] and follow the steps to create an account. The student and the Contributor will each need their Social Security number, a valid email address and a phone number in order to complete the identity verification steps. Watch this video [2] for a step by step explanation.

How is my summer financial aid determined?
Your summer financial aid is determined based on your enrolled credit hours, your remaining aid eligibility and availability of funds.

I can’t get my parent’s financial information. Can I still apply for aid?
Visit the information page on the FAFSA website to learn your options if you are unable to provide parent information.

Is my financial aid file complete?
Log in to My ASU and go to the Financial Aid tab to check if there are documents that are being requested on your priority task list. Forms may be downloaded at https://students.asu.edu/forms/financialaid [3]. If your financial aid file is complete, and you do not have awards offered, visit any one of the four ASU financial aid office locations or contact our office at 855-278-5080. Please be aware that awarding for each semester does not start until the April before the fall semester begins. If your parent is attempting to accept the Federal Parent PLUS Loan, students must first grant their parents guest access to accept a Parent PLUS Loan. Once you have granted your parent guest access, you will receive a validation code and your parent an email with instructions on how to active their guest access. Your parent will need that validation code in order to complete the activation process. It is very important that all steps are completed in order for the Federal Parent PLUS Loan to process successfully. For a complete list of steps to accepting your Federal Parent PLUS Loan, visit students.asu.edu/loans/plus#steps [4].

My parents are separated or divorced. Which parent is responsible for filling out the FAFSA?
Visit the information page on the FAFSA website to learn which parent to list ont he FAFSA.

My parents were denied a summer Parent PLUS Loan; are there any other loans I can borrow as a student?
You may request an additional Federal Direct Unsubsidized Stafford Loan by submitting a letter to Financial Aid and Scholarship Services in writing. If there are any remaining eligibility from the fall and spring semesters, the balance may be awarded to you.

My summer financial aid doesn't cover my costs, what are my options?
If you were not offered enough financial aid to cover your summer costs, the following options may be available. Scholarships Opportunities: For links to national scholarship searches and other valuable ASU scholarship information, you may visit our scholarship information, you may visit our scholarship web site at students.asu.edu/scholarships or contact the ASU Scholarship Office at 855-278-5080. You may also visit your college to see if they have any summer scholarships available. Student Employment: There are student employment opportunities right here on campus. The

ASU Student Employment Office is always ready to help a student find a job. Please visit the Student Employment web site at students.asu.edu/employment to view part-time, full-time, seasonal, on-campus, off-campus and work-study (if eligible) job listings. Federal Direct Parent PLUS Loans: Parents of dependent students may borrow Parent PLUS Loans. See students.asu.edu/loans/plus for details. Private Education Loans: Private Education Loans are educational loans offered by private lenders, usually banks. Always remember to borrow only what you need.

Should I file for the FAFSA even if I don't think I'll qualify for financial aid?
Yes. We encourage every student to file a FAFSA, even if you think you might not be eligible. Most students are eligible for some kind of aid.

What are the FAFSA deadlines?
To be considered for federal student aid for the 2023–24 award year, you can complete a Free Application for Federal Student Aid (FAFSA) form between Oct. 1, 2022, and 11:59 p.m. Central time (CT) on June 30, 2024. Any FAFSA corrections or updates must be submitted by 11:59 p.m. CT on Sept. 10, 2024. However, many states and colleges have earlier deadlines for applying for state and institutional financial aid. Find your state's deadline. Check with your college or career school about its deadlines.

What do I do if my (or my parents') income changes?
If your financial situation changes, you can request a review of your aid eligibility through a Student or Parent Review form.

What if I forgot my FSA ID?
If you have an FSA ID but do not remember your username, select Forgot Username. Note: If you verified your email address or mobile phone number during account creation, you can enter your email address or mobile phone number instead of your username. If you have an FSA ID but do not remember your password, select Forgot Password.

What if I or one of my Contributors do not want to provide consent when completing the 2024–2025 FAFSA?
Each Contributor must provide consent on the FAFSA or the FAFSA will be incomplete and you will not be eligible for financial aid.

What if my financial circumstances have changed since I submitted the FAFSA?
If your financial situation changes, you can request a review of your aid eligibility through a Student or Parent Review form.

What if my parents are divorced? Who is the Contributor for my FAFSA?
The parent that is included on the FAFSA as a Contributor should be the parent that provides the most financial support to the student.

What income and tax information do I need for the FAFSA?
The 2021–22 Free Application for Federal Student Aid (FAFSA®) form asks for 2019 income and tax information. If your 2019 financial situation no longer reflects your current situation, you can complete a review form to request an additional review of your financial aid situation.

What information do I need to provide to help my student with the FAFSA?
You can learn about helping your student to financially prepare for college at studentaid.gov. Here's a list of documents you need to provide to help them complete the FAFSA.

What is the Financial Aid Notification?
A financial aid notification is the letter that students receive informing them how much financial aid a school is willing to offer.

What is the Student Aid Report?
Your Student Aid Report (SAR) is a document that gives you basic information about your eligibility for federal financial aid. It also gives you a chance to review and correct the information listed on your FAFSA, if you need to.

What types of summer scholarships are available?
For links to national scholarship searches and other valuable ASU scholarship information, you may visit our scholarships website at students.asu.edu/scholarships or contact the ASU Scholarship Office at 855-278-5080. You may also visit your college to see if they have any summer scholarships available.

When does summer financial aid disburse?
The amount of financial aid disbursed will be based on actual enrollment. Summer disbursement begins in May for students enrolled in session A or C. Students only enrolled in session B receive summer disbursements beginning early July. Specific dates will be available as we approach the summer semester on the financial aid calendar.

When is the census date for the summer term?
The census dates for all terms are can be found on our Census Policy.

Who are Contributors on the 2024–2025 FAFSA?
Starting with the 2024–2025 FAFSA, a new term called “Contributor” has been introduced. A Contributor is someone who is required to provide information on a student’s FAFSA form. This can include:

1. The student.
2. The student’s biological or adopted parents.
3. The student’s spouse.
4. The parent’s spouse.

It’s important to note that a Contributor does not include:

1. A grandparent.
2. Foster parents.
3. Legal guardians.
4. Brother or sister.
5. Aunt or uncle.

Even if individuals from the above list helped provide for or raise the student, they are not considered Contributors for the FAFSA form.

It’s crucial to understand that having someone listed as a Contributor on the FAFSA form does not imply financial responsibility for the student’s education cost.

Will financial aid pay for summer study abroad?
You may use your financial aid towards your costs for study abroad. You can submit a cost sheet to the Financial Aid Office provided to you by the Center of Global Education Services to increase your summer costs of attendance. You will only be considered for any additional Federal Stafford Loans, Parent PLUS Loans and/or Private Education Loans.

Will there be any TEACH Grant funds for the summer semester?
If you have not received your entire TEACH Grant eligibility for the fall/spring semesters ($4,000 per academic year) and based on your enrolled credit hours for the summer semester, you may receive some or all of your remaining TEACH Grant eligibility.

Am I eligible for a tax credit?
Information Services for the Tuition and Fees Deduction and the Education Credits ASU cannot provide personal tax advice to students as each student's tax situation depends upon his/her own individual circumstances. Each student and/or their parents must determine eligibility for the tuition and fees deduction or one of the education credits (American Opportunity or lifetime learning credit). For authoritative information, we recommend that you visit the IRS web site at: www.irs.gov/formspubs/ [5]. You can contact the IRS for telephone assistance, including requesting forms and publications, at 1-800-829-1040. At the IRS web site you can review: IRS Publication 970 "Tax Benefits for Higher Education", which includes chapters on the Hope credit, the lifetime learning credit, and the tuition and fees deduction. Form 8863 "Education Credits (American Opportunity, Hope and Lifetime Learning Credits)". Instructions for Form 1040

or 1040A. IRS Publication 17 "Tax Guide for Individuals". The tax rules regarding eligibility for, calculation of, and limitations on the tuition and fee deduction and education credits can be complex. For this reason, you may want to consult your tax advisor to determine whether you are qualified to claim the education expense tax credits and deduction.

Can I view a current or prior year's 1098-T?
You can view your current or prior 1098-T forms online at any time. You can view all 1098-T tax forms by logging in to My ASU, selecting the "Finances" tab at the top of the page and selecting the "IRS 1098 T" option. On the next screen, select the year you would like to view by clicking the links available.

I am not a US Citizen. What does 1098-T mean to me?
Information for Nonresident Aliens The Internal Revenue Service (IRS) does not require ASU to file a Form 1098-T for foreign students who are not US residents for tax purposes. This is because non-resident alien students are not eligible for education tax benefits. However, ASU cannot definitively determine which foreign students are residents for tax purposes. Also, the IRS does require ASU to provide a 1098-T to a non-resident alien student who requests one. For these reasons we provide 1098-T forms to all students, including foreign students who may or may not be eligible for an education tax benefit.

What do all the boxes on my 1098-T mean?
Please reference the Explanation of IRS Form 1098-T and Form 1098-T Supplemental Information for more information.

What is a 1098-T?
The IRS Form 1098-T is an information form filed with the Internal Revenue Service. The IRS Form 1098-T that you received reports amounts paid to you for qualified tuition and related expenses, as well as other related information. You, or the person who may claim you as a dependent, may be able to take either the tuition and fees deduction or claim an education credit on Form 1040 or 1040A for the qualified tuition and related expenses that were actually paid during the calendar year. The Form 1098-T Supplemental Information that ASU is providing over the Internet can assist you and your tax preparer in completing your tax return. Follow the instructions provided on the Form 1098-T Supplemental Information page to view and print paid tuition information. There is no need to attach Form 1098-T to your tax return. All information and assistance that ASU can provide to you is contained in this notice. There is no IRS requirement that you must claim the tuition and fees deduction or an education credit. Claiming education tax benefits is a voluntary decision for those who may qualify

What is included in my 1098-T?
Box 1 of Form 1098-T reports the qualified tuition and related expenses paid during the calendar year. Qualified tuition and related expenses are sometimes referred to as qualified education expenses, although the terms are not always interchangeable. For purposes of the Form 1098-T provided by Arizona State University, the following categories of charges are included or not included in qualified tuition and related expenses: Qualified Tuition and Related Expenses Included Not Included Resident and Non-resident Tuition Graduate and Undergraduate Program Tuition Graduate and Undergraduate Differential Tuition Resident Surcharge Special Class Fees icourse & ocourse Fees Recreation Fee Financial Aid Trust Fund Fee Associated Students of Arizona Fee Student Programs Fee Technology Fee Health and Wellness Fee Student Service Facility Fee Late Charges Application Fees Processing Fees Health Insurance Premiums ASU Payment Plan Fee Room and Board Charges Course Related Books & Equipment Registration fees paid for non-credit courses Effective Reporting Changes for 2018 Due to tax reporting requirements effective for calendar year 2018, ASU will now report all payments for qualified tuition and related expenses in Box 1. Please note this is different from prior years where only "billed" information for qualified tuition and related expenses was reported in Box 2. ASU will continue to provide students with additional information of their paid information through the Form 1098-T Supplemental Information page of this web site.

Why didn't I receive my 1098-T?
If you did not receive an IRS Form 1098-T for the current calendar year, possible explanations are: Arizona State University did not have a valid social security number on file for you. Call (480) 965-9834 to verify your social security number. Arizona State University did not identify any information to report. This would include having zero amounts for payments received for qualified tuition and related expenses, scholarship awards, adjustments to scholarship awards and adjustments for a prior year. See Explanation of IRS Form 1098-T Tuition Statement for more information regarding how

paid tuition and related fees were determined. ASU did not have a current mailing address for you. Please ensure that your address information is up to date through My ASU. You can view your current or prior 1098-T forms online at any time by logging in to My ASU, selecting the "Finances" tab at the top of the page and selecting the "IRS 1098 T" option. On the next screen, select the year you would like to view by clicking on the link available.

Am I eligible for the Obama Scholars Program?
All Arizona high school graduates who have been admitted to ASU under assured admission, have a completed FAFSA before January 15 (submitted all financial aid items on their My ASU task list) and meet the program criteria will be automatically considered for the program. Selection into the Obama Scholars Program will continue until funds have been exhausted. For program criteria please click here.

Can I defer my merit scholarship?
Click here [6] to view the deferment application and policy. Students may not attend another educational institution while on deferment.

Can I edit an application that I've already submitted?
You can edit an application until the submission deadline listed on the scholarship (most are February 1). Keep in mind that any changes to responses will result in updates to all of your responses to that same question in each of your applications. To edit your application, you must log in to the ASU Scholarship Application Portal ASURITE ID and password at https://scholarships.asu.edu/applications [7].

Can I teach any subject or grade?
As a condition for receiving a TEACH Grant, you must teach -in a high-need field; -at an elementary school, secondary school, or educational service agency that serves students from low-income families; and -for at least four complete academic years within eight years after completing (or ceasing enrollment in) the course of study for which you received the grant. High need fields include: -bilingual education and English language acquisition, -foreign language, -mathematics, -reading specialist, -science, and -special education, as well as -any other field that has been identified as high-need by the federal government, a state government, or a local education agency, and that is included in the annual Teacher Shortage Area Nationwide Listing (Nationwide List).

Can I upload a resume and/or other documents?
Yes. Certain applications do require a resume, coversheet, and/or the submission of additional documents. For those applications, you will need to review the scholarship criteria and submit all of the requested documents in the ASU Scholarship Application Portal by the published deadline. You will not receive any reminders to complete these steps and incomplete applications will not be reviewed.

Do I have to teach in one of those 'high-need' fields to keep the money as a grant and not have to pay it back as a student loan, or would it count if I was a regular teacher?
Yes, that could happen because the elementary classroom is not considered a "high-need field". However, a special education elementary classroom is considered an area of high need. It will be your responsibility to choose a position that meets the service agreement requirements.

Does part-time teaching or substitute teaching count?
No, you must be a full-time teacher in a high-need field in a public or private elementary or secondary school that serves students from low-income families.

Does pursuing an Elementary Education degree with middle school math or science qualify me for the grant, or must it be secondary math and/or science?
Generally a middle school math or science teacher is considered an area of high need. The U.S. Department of Education guidelines states: 'The TEACH Grant Program provides up to $4,000 a year in grant assistance to a student who agrees to serve for at least four years as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves students from low-income families.' Please note: The TEACH Grant maximum award amount is impacted by sequestration each academic year. This can result in an increase or decrease in the TEACH Grant amount you will receive due to the scheduled percentage reduction determined by the Budget Control Act of 2011.

How do I accept my scholarship?
For freshmen, paying the enrollment deposit automatically accepts a university merit scholarship. Continuing students need to accept all scholarships and can be done through My ASU.

How do I apply for a university merit scholarship?
When a student applies to the university, their high school academic record is reviewed and based upon G.P.A., test scores, and class ranking he/she may be offered a scholarship.

How do I apply for scholarships on ASU's Scholarship Universe?
An ASUrite user ID and password are required for you to sign into ASU's Scholarship Universe [8]. Once logged in you can begin building your profile to be matched with scholarships.

How do I apply for the TEACH Grant; is it separate from applying for financial aid?
You apply for the TEACH Grant by completing a FAFSA. ASU will select students who are in the appropriate majors and offer them the TEACH Grant. Students will be required to accept the grant and complete entrance counseling as well as an Agreement to Serve.

How do I know if I have successfully submitted my application?
Unless specifically stated otherwise, responses to each question are required for successful submission. Upon submission of your application, you should see one of two messages: If you successfully completed all required responses, you will see a message stating, "Your application was successfully submitted/saved." You will be routed to the ASU Scholarship Application Portal where you can edit your applications or search for additional scholarships. If you did not complete a required response, you will see an error message indicating which responses are missing, and the application will reload to highlight missing fields. Remember that certain scholarships may require the submission of additional materials such as a letter of recommendation or a cover sheet. You must submit the supplemental materials in the portal by no later than the deadline listed on the scholarship (most are February 1 each year) for your application to be considered complete. You will not receive any reminders to complete these steps and incomplete applications will not be reviewed.

How do I upload a letter of recommendation?
If the scholarship that you are applying for requires letters of recommendation, you will be able to enter the names and email addresses of the individuals you would like to submit a letter of recommendation on your behalf. Your reference will receive an email notification directing them to the page to submit their recommendation. You can view the status of your letter of recommendation requests for each academic year’s application by visiting your ASU Scholarship Portal and clicking on the "Recommendation requests" tab. You will have an option to send your recommender a reminder after two weeks.

How is cumulative GPA calculated and when are ASU merit scholarships renewed?
Cumulative ASU GPA represents all of the grades you received while attending ASU. Scholarships are considered for renewal after the spring grades have been posted.

How is the grant amount of the Federal TEACH Grant calculated?
ASU must monitor your eligibility every year. If you are receiving any federal financial aid, all sources of your financial aid (scholarships, grants, waivers, third-party payments, loans, etc.) must be calculated. The total of all sources cannot exceed your estimated cost of attendance (COA).

How many years do I have to teach?
You must teach at least four years as a full-time teacher within an eight year period of time.

I currently have the TEACH grant, but received a GPA below 3.25 in one semester, but raised it above 3.25 the following semester; does my award start as a grant, turn into a loan and then turn back into a grant?
Neither, if you were awarded a TEACH Grant because your GPA is 3.25, you must maintain the 3.25 or increase the GPA in future terms to remain eligible for any additional TEACH Grant awards. If your GPA goes below 3.25, any old awards

will remain as grants until you finish the program (or withdraw from school or notify the government that you do not intend to teach). Once graduated or withdrawn, the service requirement begins and the U.S. Dept. of Education will monitor your progress. You must provide them with documents showing that you are fulfilling your agreement to serve on an annual basis.

I want to transfer to ASU from either Northern Arizona University or the University of Arizona. Can I receive the merit scholarship I was awarded from high school to attend ASU? (also called portability)
No, only university eligible students receiving the Regents High Honors Endorsement (RHHE) scholarship may transfer their RHHE award to ASU under certain conditions. The scholarship will be awarded for the amount of tuition when the student would have entered the university. The RHHE transfer request form, which lists additional eligibility criteria, can be found online at http://students.asu.edu/forms/scholarships [9].

I was offered a better scholarship from another university, will ASU match the offer?
Please contact Undergraduate Admissions at 480-965-3040.

I will not graduate in 8 semesters; can I apply to receive my scholarship for an extra semester or an extra year?
New American University Scholarships are all awarded for up to eight semesters and will not be extended beyond eight semesters. These scholarships are awarded for fall and spring only.

If I do not meet the TEACH grant obligations, when does the interest start accruing?
The interest on your converted grant starts accruing from the original disbursement date of the grant.

If I get below a 3.25 but raise my GPA the following semester, do I still qualify for the grant or is it a one-time opportunity only?
If you raise your GPA to 3.25, submit a Teach Grant Request form to be considered for teach grant eligibility. ASU must consider your cumulative ASU GPA in this case.

Is it required to teach in a high need area for four years and in a specific subject area for two, for a total of six years?
As a condition for receiving a TEACH Grant, you must teach for at least four complete academic years within eight years after completing (or ceasing enrollment in) the course of study for which you received the grant. Additionally, you must also teach at an elementary school, secondary school, or educational service agency that serves students from low-income families; and teach in a high-need field.

Is the TEACH Grant offered year round or only offered at a specific time of the year?
The TEACH Grant can be year round if the student has not used their annual limit in the fall and spring. At ASU, summer sessions are 'trailing semesters', meaning that summer is the end of the academic year.

Is there any way the teaching can be deferred for a year or two?
Yes, you must teach at least four years as a full-time teacher within an eight year period of time.

Is there anything I need to do to document my TEACH Grant?
You must certify your teaching service or your intent to teach annually to FedLoan Servicing servicer for the TEACH Grant for the U.S Department of Education. Verification of the intent to teach is required if you are still enrolled in a TEACH Grant eligible program of study, but have not received additional TEACH Grants. If you do not certify your teaching service, your grant will convert to an unsubsidized loan.

My Special Education degree qualifies me for both Special and Elementary Education certification; if I get hired on as an elementary teacher, and I teach in an elementary classroom, does my grant turn into a student loan?
Yes, that could happen because the elementary classroom is not considered a “high-need field”. However, a special education elementary classroom is considered an area of high need. It will be your responsibility to choose a position that meets the service agreement requirements.

Questions pertaining to the scholarship listing.
If you have questions about a specific scholarship, please refer to the listing for contact information for that specific scholarship.

What are the criteria needed to receive a merit scholarship as an incoming freshman?
ASU merit scholarships are awarded based on excellence in academics. To see if you may be eligible for a scholarship, visit ASU's Scholarship Estimator.

What happened to the ASU General Scholarship Application?
Beginning with the 2012-2013 academic year scholarship awards, the General Scholarship Application is no longer in use. The ASU Scholarship Portal has taken its place.

What if I qualified and accepted the grant, then switched majors for a year and come back to education, met the eligibility criteria for the grant, completed the program and taught for four years in an eight year period?
The award would still be a grant because you were within the time to complete the program, unless you stop attending or change your career field out of teaching. The government will be requiring you to send periodic confirmations.

What if my family moves and I have to leave the state; will it count if I teach in a low-income school?
TEACH Grant is a nationwide program; you may perform your service obligation in any state. You must be a full-time teacher in a high-need field in a public or private elementary or secondary school that serves students from low-income families.

What if something happens and I can't teach or I can't find a job in a low-income area?
If you do not meet the requirements of your service obligation, all TEACH Grants you received will be converted to Federal Direct Unsubsidized loans. You must repay these loans in full, with interest charged from the date of each TEACH Grant disbursement. Elementary and secondary schools (public and private) and educational service agencies serving low-income students are listed in the annual Teacher Cancellation Low-Income Directory. In addition, elementary or secondary schools operated by the U.S. Department of the Interior’s Bureau of Indian Education (BIE) or operated on Indian reservations by Indian tribal groups under contract or grant with the BIE qualify as low-income schools. If you have questions about your TEACH Grant converting to a Federal Direct Unsubsidized loan or about meeting TEACH Grant requirements contact the TEACH Grant servicer, FedLoan Servicing, at 1-800-699-2908 from 8 a.m.–9 p.m. Eastern time, Monday through Friday.

What is the ASU Scholarship Application Portal?
The ASU Scholarship Application Portal collects your applications for several different scholarships, and saves your responses to common questions so that you don’t need to complete the information twice. There is no single application that you can complete; rather, you must choose which scholarships you wish to apply for and complete an application for each one. You can find a list of scholarships that have portal applications on our scholarship search.

What Is the TEACH Grant Agreement to Serve or Repay?
Each year that you receive a TEACH Grant, you must sign an Agreement to Serve or Repay and TEACH Grant Counseling on the U.S Department of Education TEACH Grant website. The TEACH Grant Agreement to Serve or Repay and TEACH Grant Counseling explains the terms and conditions of the service obligation you must agree to fulfill as a condition for receiving a TEACH Grant. By signing the Agreement to Serve or Repay and completing Counseling, you agree to these terms and conditions and acknowledge your understanding that if you do not fulfill the service obligation, the TEACH Grant funds you received will be converted to a loan that you must repay.

What types of scholarships are available?
For links to national scholarship searches and other valuable ASU scholarship information, you may visit our scholarship website at https://students.asu.edu/scholarships [10].

What will happen if I do not meet the renewal criteria for my scholarship?
If you do not meet or exceed the renewal criteria by the end of each spring semester, you may review the following options to determine your eligibility:

When do scholarship applications become available?
Portal applications open October 1 each year. Please continue to check back throughout the year as new listings are added.

When I return to school after a deferment, how do I get my scholarship reinstated?
When a student is ready to return to school after a deferment, he/she must submit a scholarship reinstatement request notifying the scholarship office that they will be returning to school. Completed requests must be submitted by no later than 30 days prior to the semester you are approved to return. In the case of an internship or mission deferment, the student must also submit proof of completion. If the student is returning from a medical deferment a note from the treating physician is needed. If the student is a National Merit Scholar they must also contact the National Merit Corporation. The reinstatement request and eligibility criteria can be found online at scholarships.asu.edu and is listed with online forms and publications.

When is the deadline for applying for the grant?
The same deadline to apply with the FAFSA and meet eligibility requirements applies to the TEACH Grant. The FAFSA must be received, along with the Agreement to Serve and entrance counseling, before the last day of class of the fall semester (for students not attending the following spring semester), before the last day of class of the spring semester (for students not attending the following summer semester), or before the last day of summer (for students attending summer).

When is the grant going to be disbursed?
For students that are awarded, ASU will disburse the TEACH Grant within five business days after receiving confirmation that the student has completed the following steps: Accept the TEACH Grant on My ASU under Finances and then Financial Aid. Complete the TEACH Grant Entrance Counseling and Agreement to Serve on the TEACH Grant page on StudentLoans.gov.

When will the award decisions be made and when will I be notified?
Many of the scholarship application deadlines are in February and March each year; however, it is important that you review deadlines carefully as they do vary. Scholarship awards are very competitive and if you are selected, you will be notified by the awarding office noted in the scholarship listing. We ask that you please not contact the awarding office regarding the status of the review or to see if you have been selected as a scholarship recipient. Scholarship recipients are typically notified of selection in April and May.

Where should the private donor of my scholarship send the award check?
All scholarship checks should be mailed to: ASU Scholarship Office, PO Box 870412, Tempe AZ 85287-0412 along with a completed Scholarship Recipient form. The check needs to be made out to Arizona State University and the donor needs to include the student's name and ID number on the check or on attached documentation. Donors should specify which semester(s) the check should be applied to in addition to minimum enrollment hours for disbursement (full-time, half-time, less than half-time).

Who do I contact if I have issues?
ASUrite User Id and/or password difficulties: Visit contact.asu.edu or call 1-855-278-5080.

Who should I contact with question regarding my TEACH Grant Obligations or my grant converting to a loan?
As of July 2013, FedLoan Servicing began servicing TEACH Grants for the U.S Department of Education. Customer service representatives are available at 1-800-699-2908 from Monday through Friday 8:00 AM – 9:00 PM (ET). You may also access information about your TEACH grant through the website MyFedLoan.org/TEACH to assist in tracking your service obligation.

Why isn't my scholarship listed with my other financial aid?
Scholarships are posted when the funds are received. Please contact the scholarship donor to establish the date when your scholarship funds will be sent to ASU.

Will I be receiving a President's, Provost's, University or Deans Scholarship?
To check your eligibility for a merit award, please visit ASU's Scholarship Estimator. Please be aware this is an estimate and may not be an accurate reflection of your actual award.

Would we be eligible for it even though we don't meet the 'high-need' requirement (special education, etc.)?
To keep the money as a grant, you must meet all the criteria of your service obligations described in your agreement to serve.

Am I eligible to be an AZ resident?
For detailed information about being an Arizona resident, visit https://students.asu.edu/residency [11]. Be advised that if you have financial aid, it will be reduced if you have a change in residency or housing status. Check with Financial Aid and Scholarship Services in order to determine how these changes will affect your award(s). In the event of a financial aid adjustment, you will be notified by e-mail to check My ASU for new award information.

I am graduating after the fall semester. Can I receive the full amount of my merit scholarship in the fall semester?
No. If you complete your first undergraduate degree prior to your maximum award terms, you are only eligible to receive the one semester award for the term in which you graduate.

What do I need to do if my circumstances change, for example my parent, spouse or I have had a decrease of income?
This is the kind of extenuating circumstance you would want to notify Financial Aid and Scholarship Services about. You may initiate this process by completing a Student and/or Parent Review form. These forms can be downloaded at our find a form page [9].

Am I required to re-enter my bank account information each time I make a payment?
You are required to re-enter eCheck payment information, unless you create a payment profile. Payment profiles may be securely saved on QuikPAY when a payment is made. QuikPAY provides two options for creating payment profiles: When making an eCheck payment on QuikPAY, assign and save a profile name on the page titled "Provide eCheck Information". Or, Select "Payment Profiles" from the menu on the left side of the QuikPAY page to add an eCheck or credit card payment profile. After saving your payment profile, you will be able to choose your profile as a payment type. Select "Pay Bill" from the menu on the left side of the QuikPAY page and your payment profiles will be available for selection in the Payment Method drop down box.

Are other colleges and universities making similar changes?
Colleges and universities across the country have made similar changes to their credit card payment policies. Some are choosing not to accept credit card payments and others to offer credit card payments through an outside vendor, subject to assessment of a service fee.

Can I pay ASU in payments?
Yes. You can enroll in a payment plan each semester, for an additional fee.

Can I pay online without a credit card?
Yes. eChecks are ASU's preferred payment option and are accepted online with no service fee. Similar to a debit card, the eCheck electronically debits a checking or savings account. eChecks are accepted at no cost to the student and are a fast and easy payment option.

Can I pay with Visa?
Yes, Visa recently changed its merchant rules to permit the assessment of a service fee and is now a payment option.

Can I use any type of check as an eCheck?
eCheck payments can only be made from regular U.S. checking and savings accounts in U.S. dollars. Checks issued from money market accounts, credit card companies, mutual funds, brokerage accounts, home equity or other lines of credit cannot be processed as an eCheck. Personal checks are accepted by mail or in person.

Can I use my credit card to make purchases at the ASU Bookstore?
Yes. The ASU Bookstore, Sun Devil Athletics Ticket Office, and other ASU departments that currently accept credit cards will continue to do so. No service fee is assessed for these payments.

Do I need to re-enroll in the payment plan every session?
Yes. Because your financial circumstances can change from semester to semester, you have the option to enroll each semester.

How do I avoid enrollment in the ASU payment plan?
Make sure your balance is paid in full by the tuition due date, or is at least under $500 to avoid automatic enrollment in the ASU Payment Plan. Note that if you owe a balance of under $500, you will still be subject to a late fee. Review the ASU Late Charge Policy [12] for more information.

How do I cancel a Financial Guarantee Letter that has been submitted to ASU Student Accounts?
To cancel your Financial Guarantee Letter, please notify ASU Student Accounts at sponsorbilling@asu.edu. Upon cancellation, the "Third-Party Sponsor Credit" will be removed from your student account, and all unpaid charges will be due immediately.

How do I monitor my Account?
ASU will apply a "Third-Party Sponsor Credit" to your account within 5 business days of receiving the approved Financial Guarantee Letter(s). To verify that your Financial Guarantee Letter has been received and applied, please monitor your student account through My ASU and select the Finances Link at the top of the page. It is the student's responsibility to ensure ASU receives Third Party Sponsor Documents by the due date as indicated on the Tuition and Billing Calendar. If you do not see a "Third-Party Sponsored Credit" applied to the corresponding semester charges on your student account within 5 business days of submitting your Third Party Sponsor Documents, please contact ASU via email at sponsorbilling@asu.edu.

How do I pay with an eCheck?
Make eCheck payments on QuikPAY by logging in to MyASU and selecting the 'Finances' link on the upper left side, then selecting 'Pay Bill.' You can submit payment up to the amount owed on your account. To make an eCheck payment you will need your bank's routing number, sometimes referred to as the Transit Number or the ABA number, and your bank account number. This information is available on the bottom of your check or from your financial institution. An example of where to find this information on a check is also available online when an eCheck payment is made. A paper check is not required.

How do I submit my required sponsorship documentation?
Submit Financial Guarantee Letter(s) [13] to ASU Student Accounts:

Preferred Method:

Email: sponsorbilling@asu.edu
Other Methods to Submit:

Fax: 480.965.9242

In Person: Student Accounts office (Tempe, West, Downtown or Polytechnic Locations)

By Mail: Arizona State University Student Accounts Office
PO Box 870303
Tempe, AZ 85287-0303
Attn: Third-Party Sponsor Billing

How does the ASU Third-Party Billing process work, and what documents are required?
To arrange for ASU to bill your approved governmental/third-party sponsor, please submit a Financial Guarantee Letter to the Student Accounts Office by the deadline on the Tuition and Billing Calendar. ASU will only bill the Third Party Billing fee to the Sponsor if indicated on the Financial Guarantee Letter. Within 5 business days of receipt of the Financial Guarantee Letter, ASU will place a "Third-Party Sponsor Credit" on your student account for the amount indicated on your Financial Guarantee Letter. The "Third-Party Sponsor Credit" on your student account indicates that we have received your sponsorship documentation and that we will be issuing an invoice to your sponsoring agency during the semester. It does not indicate that payment has been received from your sponsoring agency. If the third-party sponsoring agency remits full payment as indicated on the ASU invoice, no further action is required from the student. If full payment is not received from the sponsor, or if further information is needed, ASU will contact the student via their ASU e-mail.

How was the payment processing fee determined?
The service fee was determined by our vendor. The University is not directly accepting credit or debit card payments for Tuition and Student Account payments; they are being accepted by our vendor who is assessing the 2.5% service fee for processing domestic debit and credit card payments and 4.25% for international debit and credit card payments. The service fee is not paid to ASU and is not refundable, even if the related payment to ASU is refunded.

I am a military student and would like to utilize my benefits for tuition and fees, what information do I need to provide?
All military students wishing to use benefits should first contact ASU Veterans Services to become familiar with the policies and procedures in using military benefits. Veteran Services works closely with Student Business Services to ensure military tuition benefits are applied to students accounts quickly and accurately. All military students wishing to use benefits should first contact ASU Veterans Services to become familiar with the policies and procedures in using military benefits. Veteran Services works closely with Student Business Services to ensure military tuition benefits are applied to students accounts quickly and accurately.

I have been approved for Tuition Assistance (TA,) where do I submit my approved TA form?
Students using TA benefits should submit their TA Authorization Vouchers through the Pat Tillman Veterans Center website by following the below steps:

- Go to the Pat Tillman Veterans Center Forms [14] website.
- Click on the “Tuition Assistance (TA) Voucher Upload” link under “Forms for Active Duty/Guard/Reserves.”
- Select the appropriate term from the drop-down menu and upload your form using the provided link.

I have been approved for Tuition Assistance and am also eligible for the Post 9/11 GI Benefits (Chapter 33.) Can I use both benefits?
Yes, students can you both benefits simultaneously. Veteran Services always encourages students with both benefits to consult with the VA Campus Counselor to ensure they are maximizing their military benefits.

If I am using both Tuition Assistance and my Post 9/11 GI Benefits (Chapter 33,) how will my benefits be applied to my student account?
Any Tuition Assistance received will be applied to a student's account first and Post 9/11 GI Benefits will be applied after. For example, if student with 80% eligibility has tuition and fees totaling $5,500 and receives $1,500 in Tuition Assistance, the Chapter 33 benefit will then pay 80% of the remaining $4,000 balance ($3,200) leaving a balance to be paid by the student of $800.

If I enroll in the ASU payment plan before the semester begins and ends up not having a $500 balance, am I still enrolled in the plan?
Yes. If you voluntarily enroll and charges are paid before the initial designated payment deadline, you will still be assessed the nonrefundable enrollment plan fee.

My eCheck rejected. What do I do?
When ASU is notified by our bank of the rejected eCheck payment, usually seven to ten days after payment was made, a charge will be posted to your account for the full amount of the rejected payment. An electronic notification will be sent, and a $25 returned eCheck fee will be charged to your student account. See Returned Check Policy for additional

information. Once the charges appear on your student account, a payment can be made in person at any campus Cashiering Office or online through MyASU. Select the "Finances" on the upper left side, then select "Pay Bill" to make payment online. Please follow up with your financial institution to determine what the error might be regarding the routing or account numbers you provided. A rejected eCheck does not necessarily mean that funds were not sufficient to cover the payment.

What happens if my Sponsor does not pay the agreed ASU charges?
If payment is not received from the sponsoring agency, ASU will notify you (via your ASU e-mail) that payment has not been received from your Sponsor and ask that you contact your sponsoring agency to arrange payment immediately. If payment is not received within two weeks from the due date of the invoice, any unpaid charges will be placed back on your student account, and payment will be due immediately. Students with accounts that become delinquent are subject to monthly late fees and will be blocked from University services, including registration, transcripts, and diplomas. Please see Delinquent Accounts and Late Charges for more information. Note: Students may receive periodic e-mails to their primary ASU e-mail address regarding the status of their account and instructions on how to resolve any specific issues related to their third-party sponsorship. It is the responsibility of the student to monitor their ASU e-mail account and to respond to official ASU e-mails as indicated.

What if I don’t have adequate funds in my bank account when I make an eCheck payment?
Your bank balance is not accessed at the time an eCheck payment is made. You are responsible for ensuring that adequate funds are available in your checking or savings account. Your eCheck payment will be accepted online and processed to your bank as described in the "When will my bank account be charged" question. If funds are not available for the eCheck payment, or the account is invalid or closed, you will be notified by email one to three days after the original payment was made. When ASU is notified by our bank of the rejected eCheck payment, usually seven to ten days after payment was made, a charge will be posted to your account for the full amount of the rejected payment. An electronic notification will be sent to the address on file with ASU and a $25 returned eCheck fee will be charged on your student account. See Returned Check Policy for additional information.

What if I receive a refund for my tuition?
The 2.5% service fee is nonrefundable. Nelnet assessed the service fee for the processing of the original credit card transaction and therefore it is nonrefundable, even if the related payment to ASU is refunded.

What is an eCheck?
eChecks are ASU's preferred payment method and are accepted with no service fee or additional cost to the student. eCheck is a fast and simple payment method. Similar to a debit or check card, the eCheck electronically debits a checking or savings account.

What is the Third-Party Billing Fee and who pays the fee?
The Third-Party Billing Fee is a non-refundable per semester administrative fee to cover the costs associated with processing the sponsorship paperwork, preparing invoices and billing the third-party agency on behalf of the student. ASU will bill this fee to the sponsor agency only if indicated on the Financial Guarantee Letter. Please remember to include this fee when requesting the Financial Guarantee Letter from your Sponsor. Students will be responsible for paying the Third-Party Billing Fee if not paid by their Sponsor.

What types of charges can be paid with an eCheck?
eChecks are accepted online for payment of tuition, housing, and other student account charges. Login to MyASU and select the Finances tab at the top of the page, then click 'Pay Bill' to be transferred to QuikPAY to pay your ASU charges. In QuikPAY select "Pay Bill" from the menu on the left-hand side to securely process your payment.

When are my required sponsorship documents due?
Visit the Tuition and Billing Calendar for Third Party Sponsor Document submission deadlines to avoid automatic enrollment in the ASU Payment Plan and/or Late Fees.

When will my bank account be charged for the eCheck payment?
Your bank account will be charged overnight for payments made prior to 3:00 PM Arizona time and the next night for payments made after 3:00 PM Arizona time. eCheck payments made on weekends or holidays will be processed on the next business day.

Why do credit card transactions have a service fee?
ASU does not directly accept credit and debit cards for payment of tuition and Student Account charges, but has arranged for a third-party vendor to accept Visa, MasterCard, Discover and American Express when payment is made online. The third-party vendor, Nelnet assesses a 2.5% service fee for processing the transaction. The service fee is not paid to ASU and is not refundable, even if the related payment to ASU is refunded.

Why doesn't ASU directly accept credit and debit card payments?
ASU made the decision several years ago to stop accepting credit card payments for tuition and other student account charges after careful consideration because of the significant and rising cost to the University of credit card processing fees. The cost of accepting credit cards was paid out of tuition and other University revenues, reducing revenue available for campus services to all students, regardless of whether or not they used a credit card to make payments. The savings realized by ASU because of this change helps fund, for example, library acquisitions, more faculty, classroom upgrades, and other student enhancements. The University has made arrangements for a third-party vendor to accept Visa, MasterCard, Discover and American Express when payment is made online. The third-party vendor, Nelnet assesses a 2.5% service fee for processing the transaction. The service fee is not paid to ASU and is not refundable, even if the related payment to ASU is refunded.

Will a reduction in my credit hours affect my TA eligibility?
Students who may be considering reducing their credit hours are advised to consult with Student Business Services to ensure they fully understand the financial implications of the reduction. Per Federal Regulations, the TA program must follow the same guidelines as Department of Education Title IV funding and therefore based on the student's last day of attendance, TA eligibility and funding may be affected by a reduction in credit hours. Unearned TA funding up to 65% for the period enrolled may reduce the student's military benefit. If reduction in hours is due to a military service obligation, submitting a military activation form may be the course of action to take. It can be found at https://veterans.asu.edu/forms [14].

Will the service fee appear on my confirmation email?
You will receive two emails after a credit card payment is made. One email confirms the actual amount paid to ASU and applied to your ASU charges. The second email confirms the 2.5% service fee assessed and charged to your credit card by Nelnet.

Are current qualifying noncitizen students eligible for in-state tuition?
Yes. Students who meet the requirements of Prop. 308 are eligible for in-state tuition for any semester that starts after Dec. 13, 2022. Prop. 308 does not have a retroactive effect, so students will not be reclassified for semesters that began prior to Dec. 13, 2022.

Do the qualifying noncitizen students eligible for in-state tuition under Prop. 308 also need to prove domicile under A.R.S. § 15-1802?
No. A qualifying noncitizen student will pay in-state tuition if they meet the requirements of A.R.S. § 15-1803(B):

1. The student attended any public or private high school or homeschool equivalent while physically present in Arizona for at least two years; and
2. The student graduated from any public or private high school or homeschool equivalent in Arizona or obtained a high school equivalency diploma in Arizona, i.e., a GED.

Do the two years of physical presence in Arizona while attending high school need to be consecutive?
No. Students do not need to have two years of consecutive presence. However, to be eligible, they still must provide documentation that they both:

1. Attended any public or private high school option or homeschool equivalent while physically present in Arizona for at least two years; and

2. Graduated from a public or private high school option or homeschool equivalent or obtained a high school equivalency diploma in Arizona.

How does Prop. 308 impact eligibility for financial aid?
Prop. 308 repealed an Arizona law (A.R.S. § 15-1825) that prohibited students who were not citizens of the United States and who were "without lawful immigration status" from receiving financial assistance subsidized or paid in whole, or in part, with state monies, such as tuition waivers, fee waivers, grants, scholarships, and any other type of financial aid or assistance.

With the passage of Prop. 308, all students – regardless of immigration status – may be eligible to receive financial aid paid in whole or in part with state monies to attend an Arizona public university or an Arizona community college. While Prop. 308 eliminated barriers to eligibility for financial aid based on immigration status, a student must still meet all other requirements of the state financial aid they are seeking.

To be eligible for state financial aid, a student does NOT need to meet the Arizona high school attendance or graduation criteria. That applies only to eligibility for in-state tuition.

Prop. 308 does not impact the eligibility requirements to receive federal financial aid.

Should the students who are impacted by Prop. 308 complete the FAFSA application?
Any student who wants to apply for financial aid and who can complete the FAFSA, should complete the FAFSA. However, a student must have a Social Security number to complete a FAFSA application and some of the students who are impacted by Prop. 308 may not be eligible to complete the FAFSA. Students can visit ssa.gov/pubs/EN-05-10009.pdf [15] for more information on how to obtain an SSN.

What does Prop. 308 do?
Prop. 308 made two significant changes to Arizona law.

First, with the passage of Prop. 308, a qualifying non-citizen student, with statutorily defined exceptions [16], is eligible for in-state resident tuition at state universities and community colleges if the student both:
1. Attended an Arizona public or private high school, or homeschool for a minimum of two years; and
2. Graduated from an Arizona public or private high school, or homeschool equivalent, or obtained an Arizona high school equivalency diploma, e.g., a general equivalency diploma (GED).

Second, Prop. 308 repealed A.R.S. § 15-1825, and now non-citizen students are eligible to receive financial aid funded in whole, or in part, with state monies, regardless of immigration status.

What other scholarships are the students impacted by Prop. 308 now eligible to apply for?
ASU offers a number of financial aid opportunities, including merit scholarships and need-based aid. Students who meet the requirements of ASU scholarships and financial aid programs are now eligible to receive them, regardless of immigration status. For additional information, visit the New American University scholarship page [17] or use the first-year merit scholarship estimator [18].

What should I do if I have questions about my residency status?
Please contact a team member at residency@asu.edu about your ability to qualify for in-state tuition under Prop. 308.

When the law takes effect, are students who are eligible for in-state tuition under Prop. 308 also eligible for the Arizona Promise Program?
No. To qualify for the Arizona Promise Program, a student must meet all the eligibility requirements under A.R.S. § 15-1701. One requirement of the Promise Program is that a student must qualify for a Pell Grant, which is federal need-based financial aid. Aliens without legal immigration status, who are not citizens or legal permanent residents, do not qualify for federal financial aid. More information about the Arizona Promise Program, including eligibility requirements, is available at: azregents.edu/arizona-promise-program [19].

Students impacted by Prop. 308 may be eligible for other state or college financial aid, in addition to private scholarships.

When will these qualifying noncitizen students be eligible to receive in-state tuition?
Prop. 308 became effective Dec. 5, 2022, after the election results were certified, and proclaimed to be law by Governor Ducey. ASU will begin to apply it toward the spring 2023 semester.

Who qualifies for in-state tuition under Prop. 308?
A qualifying noncitizen student, other than the nonimmigrant aliens described under 8 U.S. Code § 1101(a)(15), are eligible for in-state tuition under Prop. 308, regardless of immigration status, if the student meets both of the following criteria:

1. The student attended any public or private high school or homeschool equivalent while physically present in Arizona for at least two years; and
2. The student graduated from any public or private high school or homeschool equivalent in Arizona or obtained a high school equivalency diploma in Arizona a, i.e., a GED.

Will students with visas be eligible for in-state tuition?
Nonimmigrant aliens described under 8 U.S. C. § 1101(a)(15) are not eligible for in-state tuition under Prop. 308. This includes, but is not limited to, students who hold F1, F2, J1, H4 or H1 visas. For a complete list, please look at 8 U.S. C. § 1101(a)(15).

Nonimmigrant aliens described under 8 U.S. Code § 1101(a)(15) are not eligible for in-state tuition under Prop. 308.

Are there resources for international students to help pay for college?
Although international students do not qualify for federal and state financial aid (unless you are an eligible noncitizen), there are still options to help fund your ASU education. ASU’s New American University merit-based scholarship is awarded to a limited number of qualified international undergraduate students who demonstrate high academic achievement.

What types of aid are available to me as an international student?
Although international students do not qualify for federal and state financial aid (unless you are an eligible noncitizen), there are still options to help fund your ASU education. ASU’s New American University merit-based scholarship is awarded to a limited number of qualified international undergraduate students who demonstrate high academic achievement.

Can I enroll in Direct Deposit if I am a student athlete?
In order to comply with NCAA and Sun Devil Athletics (SDA) regulations regarding posting and disbursing of SDA monies, active and potential athletes will not be included in Direct Deposit. Athletes may enroll in student account Direct Deposit, but refund checks will be produced instead of Direct Deposit transactions while you are an active athlete. If your SDA athlete status becomes inactive you will be included in Direct Deposit.

Can I have my student account refund deposited into a bank account other than my own?
You may specify a bank account other than your own for refunds, for example a parent's bank account. You are responsible for specifying the correct account and maintaining accurate banking information with ASU. Once a Direct Deposit refund is processed, ASU cannot cancel or reverse the transaction.

Can I have my student account refund mailed?
You must deactivate your Direct Deposit Enrollment prior to creation of the refund to have a check mailed. Login to My ASU, select Finances in the Tuition profile box, then select 'Direct Deposit Enrollment'. Click 'Deactivate Direct Deposit' to begin receiving refunds by check via postal mail. Remember to update your address through My ASU (My Profile tab).

Can I pick up my student account refund in person?
No. If not enrolled in Direct Deposit, a check will be mailed. Remember to keep your address current through My ASU (My Profile tab).

Can I use financial aid to buy my books?
Pell Grant recipients are eligible to purchase textbooks at Sun Devil Campus Stores and have the book charges billed to the student account, up to $650. To be eligible students must submit all outstanding documents showing on their My ASU Finances tab. Students can begin to use the benefit approximately six weeks prior to the start of the session. The last day to take advantage of the online benefit is 6pm 15 days before the beginning of each session. Student's may use the benefit in person at a Sun Devil Campus Store up until the 12th day before the beginning of the session. There are two ways to take advantage of this benefit --- either by purchasing books at the Sun Devil Campus Store on your campus, or on the ASU Bookstore website.

To purchase your books at one of the Sun Devil Campus Stores on campus, please follow these steps: Take your schedule of classes with you to a Sun Devil Campus Store. Find the books for your classes. Take your books to the cashier. Present your ASU ID and indicate you have a Pell Grant. Ask them to apply your book charges to your ASU account.

To purchase your books via the ASU Bookstore website, please follow these steps: Make sure you are signed into My ASU, then visit the ASU Bookstore and find your course materials. When you're ready to check out, you will be taken to a Payment Methods box. Check the box next to Pell/Scholarship/Third Party Payer. After you click the box next to Pell/Scholarship/Third Party Payer, click Find Accounts. Your account balance will appear. Click Pay with this. Click Place order to complete your transaction.

You may only purchase textbooks, educational supplies and technology equipment with your Pell Grant benefit. Once your financial aid is applied to your ASU charges, any remaining funds will be disbursed to you. View our calendar for disbursement dates of financial aid refunds. Enroll in direct deposit to have your remaining funds deposited into your bank account. Should your financial aid not cover all of your charges, you will be responsible for the remaining balance. View details on receiving your funds and paying ASU charges. This payment option is available during specific times at the start of each semester. See the financial aid calendar for details. If you were not awarded a Pell Grant, the bookstore will accept the following payment methods both online or in the store: American Express, Discover, Gift Card, MasterCard, Sun Dollars, Visa.

How do I accept my awards?
Entering freshman students who have received a Financial Aid Notification (FAN) have until May 1 to reserve any federal and ASU grants. Log in to My ASU and go to the Financial Aid tab. From there you can accept and/or decline your awards. To accept your Federal Direct Parent PLUS Loan, please follow these instructions. https://students.asu.edu/loans/plus#accept [20]

How do I confirm that my bank account information has been accepted and set up for Direct Deposit?
You can view your Direct Deposit information and status online at My ASU by selecting Finances then select 'Direct deposit enrollment' in the Tuition profile section on the right-hand side. If the bank reports a problem with the information you provide we will contact you prior to the enrollment becoming active. If all information is correct, simply exit, do not select Save.

How do I deactivate my Direct Deposit Enrollment?
To deactivate your Direct Deposit Enrollment, login to My ASU, select My Finances in the Quick Links box on the left-hand side, then select Direct Deposit Enrollment in the Helpful Links section on the right-hand side. Click 'Deactivate Direct Deposit' to begin receiving refunds by check via postal mail. Remember to update your address through My ASU (My Profile tab).

How do I enroll in student account Direct Deposit?
Login to My ASU, and select Finances. Select the "Direct deposit enrollment" button in the Tuition profile box and then follow the instructions to set up or review your direct deposit banking information. Remember to select "Save" at the bottom of the screen.

Direct Deposit status will reflect as "Not Active", "Pending" or "Active".

How do I pay for my tuition and housing?
If your financial aid is accepted and you have all financial aid items completed on your My ASU task list, fall aid will automatically disburse to your ASU Student Account charges first and then any excess will be refunded to you. Your ASU Student Account will list all of your tuition, fees, on-campus ASU housing and food plan charges. Your ASU Student Account will also show your pending financial aid. If your charges are greater than your pending financial aid, you will owe a balance to ASU. If your pending financial aid is greater than your charges you can expect a refund after your charges are paid at the time of financial aid disbursement. Refunds are applied to your personal bank account if you enrolled in direct deposit. If you did not enroll in direct deposit, a refund check will be mailed to your local address on file with ASU.

How is financial aid refunded? Will financial aid be Direct Deposited to my bank account if I enroll in student account Direct Deposit?
Financial aid is first used to pay charges on student accounts, with any remaining balance being refunded to the student. If you enroll in student account Direct Deposit, financial aid in excess of university charges will be refunded to you and Direct Deposited to your bank account.

How many accounts can I have my student account refund deposited to?
You may only specify one account at any given time.

How often does the Student Accounts Office process Direct Deposit refunds?
At the beginning of the semester, Direct Deposit refunds are processed as frequently as financial aid becomes available. During the rest of the semester, Direct Deposit refunds are processed on Monday, Wednesday and Friday for deposit to your bank account two to three days later. (The schedule is adjusted for holidays.)

How will I know if I am receiving a student account refund?
You can review the transactions posted to your student account, including refunds, on My ASU by selecting Finances, then clicking the Refunds link in the Charge summary box.

How will I receive a tuition refund if I drop classes?
Tuition credits are processed through Student Accounts. Tuition credits first pay outstanding charges on student accounts and any remaining balance is refunded. If you enroll in Direct Deposit, your tuition refund will be deposited electronically to your bank account.

I just signed up for student account Direct Deposit. When will it become effective?
Your student account Direct Deposit enrollment will be active two weeks after enrolling. If refunds are issued to you in the two weeks following enrollment, payment will be made by check and mailed. Remember to keep your address current through My ASU.

If I am expecting a late disbursement of my financial aid, will those monies be Direct Deposited?
Yes. Refunds are issued throughout the semester and Direct Deposited to your bank account if you are enrolled in student account Direct Deposit.

If I complete Direct Deposit Enrollment through My ASU, do I still need to bring in a copy of a voided check or a savings deposit slip?
No. The Direct Deposit Enrollment function available through My ASU requires you to submit all necessary information. If the bank reports a problem with the information you provide we will contact you prior to the enrollment becoming active.

My bank account was closed but a Direct Deposit was already processed. How do I get my student account refund?
Contact the Student Accounts Office at 855-278-5080 to receive information and instructions.

What charges are billed on my student account?
Tuition, residential life charges, student health charges, library fines, and miscellaneous department charges are billed on student accounts. You may view unpaid student account charges and make payments online through My ASU by clicking

on Finances. In the Charge summary box, click the drop-down arrow under Current amount. This will provide detailed charge information including term, charge, due date and amount.

What is the deadline for enrolling in student account Direct Deposit to ensure that my financial aid is Direct Deposited to my bank account?
Enroll a month before the semester begins to ensure that financial aid is deposited to your bank account. Refunds issued prior to your Direct Deposit Enrollment becoming active will be made by check and mailed.

What should I do if I still have questions?
Contact the Student Accounts Office located in the Student Services Building room 230 or call 855-278-5080.

What should I do if my banking information changes? How can I change my Direct Deposit Enrollment information?
Maintaining current bank account information is very important. You can change your Direct Deposit information online by logging in to My ASU and select then select the 'Direct deposit enrollment' in the Tuition profile box. Simply update your banking information and click Save.

What type of account can I use for Direct Deposit?
The account must be with a U.S. bank and can be either a U.S. checking or savings account.

When does financial aid disburse?
Financial aid disbursement begins no sooner than a week before the semester starts. If your pending financial aid exceeds your ASU charges due you can expect a refund. Refunds will be issued by check (sent to mailing address on record) or direct deposit. To sign up for Direct Deposit, log in to My ASU, click Finances then and click on 'Direct deposit enrollment' button in the Tuition profile box.

When does spring financial aid disburse?
Aid disburses about seven days before the start of the semester. Check the aid and billing calendar for exact dates.

When will funds be deposited to my account or mailed to me after my financial aid pays my tuition charges?
Your funds will be deposited to your account about 4 days after your aid is applied to your charges. If you do not have direct deposit, you will receive a paper check mailed to the address on file within about 10 days.

Where do I find my bank's Routing Number?
The Routing Number is sometimes referred to as the Transit Number or the ABA (American Banker's Association) Number. The Routing Number is used to identify the particular financial institution that you bank with and it can be found: Checking Accounts - The routing number is found at the bottom of your personal check. Savings and Other Types of "Savings" Accounts - Deposit slips may not include the correct routing number. For accounts other than checking accounts, contact your financial institution to obtain the correct routing number to use.

Why should I enroll in student account Direct Deposit?
Direct Deposit to your bank account is the fast and efficient way to receive student account refunds, including financial aid.

Will my banking information be safe and secure?
Yes, ASU has taken steps to safeguard the banking information stored on its computer systems. It is important that you keep your UserID and password secure so that unauthorized persons cannot log onto My ASU.

Can I work in a non-Federal Work-Study job on campus?
You may work Hourly (non-FWS) during the summer without attending summer classes: If you are in a degree program, was enrolled in the spring semester and did not graduate. If you are an incoming student and are admitted, and enrolled, for the fall semester. If you are in a degree program and took only 1 credit hour in the spring, you must be enrolled in summer or fall. Visiting students only attending the 1st summer session at ASU can only work from the beginning of the summer term until the end of the 1st summer session. Visiting students only attending the 2nd summer session at ASU

can only work from the beginning of the 2nd summer session until the end of the summer term. International students with an F-1 visa may work up to 40 hours per week during the summer term if they are enrolled full time for the following fall semester.

Does Arizona State University participate in the Western Undergraduate Exchange Program (WICHE or WUE)?
The Western Undergraduate Exchange(WUE) is a program coordinated by the Western Interstate Commission for Higher Education (WICHE). Residents of western states (other than Arizona) may enroll in the ASU WUE program at a tuition rate of 150 percent of Arizona resident tuition plus all applicable fees. WUE students may be eligible for an ASU WUE merit-based scholarship, but are not eligible for other ASU non-resident university merit scholarships or grants. Students must apply to and enroll in one of the ASU WUE-eligible majors/programs. These scholarships are awarded by Undergraduate Admissions. Please contact Undergraduate Admissions at 480-965-3040.

My financial aid does not cover my costs, what are my other options?
If your financial aid does not cover your costs, the following options may be available to assist you with college expenses. Scholarship Opportunities: There are a multitude of scholarships available to students who meet donor criteria. Visit https://students.asu.edu/scholarships [10] to view a comprehensive list of available scholarships and application information. You can also use FastWeb, a scholarship search engine, to assist you in finding possible scholarship opportunities. Student Employment: There are student employment opportunities right here on campus. The Student Employment Office is always ready to help a student find a job. We recommend that you visit https://students.asu.edu/employment [21] to view all types of student job listings. Parent PLUS Loans: Parents of dependent students may borrow Parent PLUS Loans. See https://students.asu.edu/loans/plus [22] for details. Private Education Student Loans: These loans are educational loans offered by private lenders – usually banks. Visit http://students.asu.edu/loans/private [23] for more info on private education student loans.

How do I accept my Federal Parent PLUS loan?
There are several steps required to accept a Parent PLUS Loan. First you, the student, must give your parent guest access to accept a Parent PLUS Loan. You will receive a validation code and your parent an email with instructions on how to active their guest access. Your parent will need that validation code in order to complete the activation process. It is very important that all the steps provided are complete in order for the Parent PLUS Loan to process successfully. For a complete list of steps please visit https://students.asu.edu/loans/plus#accept [20].

How do I complete a Master Promissory Note?
Follow the instructions below for the type of loan you have accepted. Completing a promissory note for the wrong type of loan will result in a delay in the disbursement of your loan funds. Check your "Priority Tasks" list on My ASU for a list of the types of promissory notes currently being requested for you to complete.

How do I complete my Federal Direct Loan Master Promissory Note (MPN), Entrance Counseling, or Exit Counseling?
Log in to your My ASU and check your task list. The specific task will be listed (e.g., 'complete Stafford Loan MPN'). Click on the item and a link will appear in a dialogue box. Follow the links.

How long do I have to accept my loan?
In general, you have until the end of the term you are enrolled in to accept your loans. Click here for more details.

I received an email about paying tuition and taking out a loan referencing ASU. Was this sent by ASU?
You may receive emails or other forms of communication regarding paying your tuition or taking out student loans that will take you to a non-ASU website. Please be aware that these websites are not affiliated with ASU nor the ASU Financial aid and Scholarship Services Office. One example is a site hosted by a company called Simple Tuition, which is completely separate from and has no ties to ASU. The ASU Financial Aid and Scholarship Services Office had no input to the content of this website, and we cannot speak to the accuracy of the data represented. Additionally, Financial Aid and Scholarship Services did not provide ASU email addresses to this company.

As always, we strongly recommend you do your own research into your student loan options and verify all data you find directly with the student loan lenders you are considering. Only the lenders can verify the accuracy of any student loan data that is attributed to them. For more information visit https://tuition.asu.edu/financial-aid/loans [22].

I want to apply for a Parent PLUS Loan; do I have to submit a FAFSA?
Yes, all students must complete a FAFSA before they can be awarded a Federal Direct Parent PLUS Loan. Verification of a valid FAFSA on file will be part of the credit evaluation process performed by the lender (i.e., the US Department of Education).

My parents were denied the Parent PLUS loan. Are there any additional loans I can borrow as a student?
If your parents would like to appeal their Federal Parent PLUS Loan denial, they need to contact Direct Lending Plus Credit Appeals at 1-800-557-7394. Otherwise, the student may request an additional Federal Direct Unsubsidized Stafford Loan by submitting a Parent PLUS Loan Denial Funds Request form to Financial Aid and Scholarship Services. There are specific limits on the amount of additional unsubsidized loans that may be awarded (i.e., freshmen and sophomores are eligible for an additional $4,000 and juniors and seniors are eligible for an additional $5,000).

What is the difference between a Subsidized and Unsubsidized student loan?
Subsidized loans do not accrue interest while you are in school while unsubsidized loans begin accruing interest from the time the loan is fully disbursed (i.e., if you have a fall/spring loan, the loan is fully disbursed once the spring amount is paid to your student account). Both types of student loans do not begin repayment until six months after graduation, you stop going to school or your enrollment drops below half-time status (i.e., 6 credit hours for undergraduate students and 5 credit hours for graduate students). Undergraduate students also are eligible for an interest rate reduction on subsidized loans.

If an applicant wishes to provide information about an act of sexual harassment, including sexual assault, dating/domestic violence and stalking, without making a disclosure, what are their options?
Applicants can reference a traumatic experience without providing details about the perpetrator or location/context of the harassment if they do not want a mandatory reporter to initiate a report.

What happens if a student includes information in an application/request that requires a mandatory reporter to act?
Mandatory reporters report the disclosed information in order to allow a university representative the opportunity to reach out and provide available resources to the student as well as discuss the availability of available administrative processes related to potential university policy violations.

Where can I find information about university support and resources?
Information about campus resources including advocacy assistance and confidential counseling and victim-survivor advocacy can be found at https://sexualviolenceprevention.asu.edu/resources [24].

Will information in this application/request be shared with anyone else at the university?
A student’s private information will only be shared with individuals who need to know the information in order to process the request. The only exception to this relates to mandatory reporting of acts of sexual harassment, which includes sexual assault, dating/domestic violence and stalking. ASU takes all reports of such conduct seriously and is committed to taking appropriate action to hold violators accountable and to prevent any recurrence. In order to ensure all members of our community have access to health and safety resources should an incident occur, all ASU employees are mandatory reporters and must report allegations of sexual harassment, which includes sexual assault, dating/domestic violence and stalking.

Source URL: https://tuition.asu.edu/contact/faq

Links:
[1] https://studentaid.gov/fsa-id/create-account/launch
[2] https://www.youtube.com/watch?v=iTb7hMVtzco
[3] https://students.asu.edu/forms/financialaid

[4] https://tuition.asu.edu/financial-aid/loans/parent-plus#steps
[5] http://www.irs.gov/formspubs/
[6] https://tuition.asu.edu/forms/scholarship-deferment-application
[7] https://scholarships.asu.edu/applications
[8] https://asu.scholarshipuniverse.com/
[9] https://tuition.asu.edu/forms
[10] https://tuition.asu.edu/financial-aid/scholarships
[11] https://students.asu.edu/residency
[12] https://tuition.asu.edu/billing-finances/pay-options/late-fees-checks
[13] https://tuition.asu.edu/forms/financial-guarantee
[14] https://veterans.asu.edu/forms
[15] https://www.ssa.gov/pubs/EN-05-10009.pdf
[16] https://tuition.asu.edu/Prop308#accordion-content-787
[17] https://tuition.asu.edu/new-american-university
[18] https://scholarships.asu.edu/estimator
[19] https://azregents.edu/arizona-promise-program
[20] https://tuition.asu.edu/financial-aid/loans/parent-plus#accept
[21] https://students.asu.edu/employment
[22] https://tuition.asu.edu/financial-aid/loans/parent-plus
[23] https://tuition.asu.edu/financial-aid/loans/private-loans
[24] https://sexualviolenceprevention.asu.edu/resources

Contact financial aid and student accounts

How to contact financial aid and student accounts

Call wait times can be long at the start of the semester. Skip the long lines and watch the videos below for answers to the top questions students are asking about financial aid, tuition and billing, and managing student accounts.

- How do I make a payment? [1] (Watch time: 1 min 50 sec)
- When will I get my financial aid refund? [2] (Watch time: 1 min 17 sec)
- How do I accept or decline loans in My ASU? [3] (Watch time: 2 min 32 sec)
- How do I adjust my loan amounts using an Aid Adjustment form? [4] (Watch time: 2 min 34 sec)

You can also check our FAQs or use the **Help** tab in My ASU to launch a chat session [5]. To book a Zoom appointment with a repayment specialist, use our scheduling tool [6].

Incoming on-campus students

Incoming on-campus first-year and transfer students
Connect with your admission team member [7].

Incoming graduate students
Connect with your admission team member [8].

Incoming military/veteran students
Connect with your Pat Tillman Veterans Center team member [9].

Incoming International students
Connect with your admission team member [10].

Incoming ASU Online students

Call us at
1-855-278-5080

or visit the My ASU [11] Help tab to email a specific question.

Current students

Call us
1-855-278-5080

Email us
Visit the My ASU [11] Help tab to email a specific question.

Chat with us
Launch a chat session [12]

Office locations and hours

Downtown Phoenix

411 N. Central Ave.
University Center Building
Phoenix, AZ 85004
Fax: 602-496-0397

West Valley

13590 N. 47th Ave.
University Center Building, Room 101
Glendale, AZ 85306
Fax: 602-543-6712

ASU California Center

ASU California Center Grand, suite #204

Polytechnic

5990 S. Sterling Mall
Administration Building
Mesa, AZ 85212
Fax: 480-727-1080

Tempe

1151 S. Forest Ave
Student Services Building, 2nd Floor
PO Box 870303
Tempe, AZ 85287
Fax: 480-965-9242

Hours

Financial Aid and Scholarship Services Office

Monday
9:00 a.m. - 5:00 p.m.
Tuesday - Friday
8:00 a.m. - 5:00 p.m.

Student Business Services Office

Monday - Friday
8:15 a.m. - 5:00 p.m.

Closed Saturday, Sunday and university holidays [13]

Mailing address for payments

Personal checks, cashier's checks, money orders, and 529 plan payments

Please make check payment to Arizona State University and include the appropriate ASU ID on the memo line, then mail to:

ASU Cashiering Services
1151 S. Forest Ave., Ste. 244
PO Box 870303
Tempe, AZ 85287-0303

Scholarship payments

Please mail scholarship payment, including the appropriate ASU ID to:

ASU Scholarship Office
PO Box 870412
Tempe AZ 85287-0412

For express shipping services (Fed Ex, DHL, UPS, Overnight Mail)

Please send payments to:

ASU Cashiering Services
1151 S. Forest Ave., Ste. 244
Tempe AZ 85281

Additional resources

Get your financial aid questions answered now

We know you probably have a lot of financial aid questions so we've compiled this list of the most common questions we get asked, and their answers. Check them out. [14]

Financial aid forms

Sometimes we may ask you for a certain form so we can complete your financial aid package. Learn more and find a list of all the financial aid forms we may need. [15]

Consumer disclosures

As a student and consumer, you have the right to complete and easily accessible information about ASU. Learn more here. [16]

Source URL: https://tuition.asu.edu/contact

Links:
[1] https://www.loom.com/share/4241e18164944ee58dde890eec1ab97b
[2] https://www.loom.com/share/5ea7dea9e73947d4b7a17476b97442b0
[3] https://www.loom.com/share/721032ea4c7e4245b93316ea32d40764
[4] https://www.loom.com/share/7ec3e4ecb6b749be9c95e125ad1d2226
[5] https://weblogin.asu.edu/cas/login?service=https%3A%2F%2Fweblogin.asu.edu%2Fcgi-bin%2Fcas-login%3Fcallapp%3Dhttps%253A%252F%252Fwebapp4.asu.edu%252Fmyasu%252Fstudent%252Fservicecenter%253Finit%253Dfalse
[6] https://outlook.office365.com/owa/calendar/StudentAccountsCollection@arizonastateu.onmicrosoft.com/bookings/
[7] https://admission.asu.edu/contact/undergraduate
[8] https://admission.asu.edu/contact/graduate
[9] https://veterans.asu.edu/about-staff
[10] https://admission.asu.edu/contact
[11] https://my.asu.edu/
[12] https://webapp4.asu.edu/myasu/student/servicecenter
[13] https://registrar.asu.edu/academic-calendar
[14] https://tuition.asu.edu/contact/faq
[15] https://tuition.asu.edu/forms
[16] https://tuition.asu.edu/contact/consumer-info

Library resources

About ASU Library

At Arizona State University, we are building a new library for the 21st century – one that is as inspiring as it is welcoming, both an incubator of creativity and a monument to human complexity. As new technologies, disciplines and opportunities for discovery continue to emerge, the learning and research needs of ASU students and faculty demand a library that is both agile and robust, community-centered and service-minded, imaginative and engaged, and equipped to support a growing and dynamic New American University.

Mission and vision [1]
Who we are [2]
Inclusion [3]
Our libraries [4]
By the numbers [5]
Staff directory [6]

The library is your partner

A critical partner in realizing the New American University model and fulfilling ASU's charter.

We support the goals and mission of the university; embody and embolden the knowledge network of ASU; and are truly interdisciplinary, socially embedded, community-driven and use-inspired.

Public servants

Our focus is on service.

Problem-solvers and collaborators

We believe in partnerships and cross-disciplinary approaches.

Cultivators of inclusion

ASU Library is a space of potentiality, out of which many futures can be built and of which none are excluded.

Supporters of student success

We support the needs of learners.

Advocates of open access and discovery

We support open access principles.

Preservationists and futurists

Our services support, maximize and preserve discovery.

Source URL: https://lib.asu.edu/about

Links:
[1] https://lib.asu.edu/about/mission
[2] https://lib.asu.edu/about/who-we-are
[3] https://lib.asu.edu/inclusion
[4] https://lib.asu.edu/locations

[5] https://lib.asu.edu/about/numbers
[6] https://lib.asu.edu/directory

Collections

ASU Library provides access to millions of information resources [1] in support of scholarly research, inquiry, and education of ASU affiliated learners, researchers, and staff. Our collections also support programs that offer pathways to an ASU education, along with K-12 outreach and community partnership initiatives. The Library holds resources in many categories, including: scholarly journals and books, databases, microforms, audiovisual materials, rare books, manuscripts, archives, maps, and government information. Featured specialized collections include: University archives, Arizona and regional materials, and research collections related to communities and peoples who are closely connected to the region, with special focus on Latinx, Chicano/Chicana, and Indigenous peoples. The Library also facilitates access to openly licensed materials, such as those materials licensed to be widely used in accordance with Creative Commons Licensing [2].

ASU Library employs a personal approach to the design and management of our collections. We engage with our communities in dialogue in order to select and manage information resources that inform, inspire, and engage them. These conversations, supplemented with data analysis and other forms of feedback, are used to develop useful and interesting collections for our communities.

Our collections

Black collections

An archival repository focused on creating a robust community collection dedicated to documenting the lived experiences of Black people living and thriving in Arizona.

Explore our Black Collections [3]

Community-Driven Archives Initiative

A three-year project designed to build and expand community-driven collections to preserve and improve Arizona’s archives and to give voice to historically marginalized communities.

Learn more about the Community-Driven Archives Initiative [4]

Distinctive collections

ASU Library is home to six renowned research collections featuring millions of items that serve as increasingly critical resources to local and global communities.

Discover Distinctive Collections [5]

Labriola National American Indian Data Center

Featuring current and historical work of Indigenous authors across disciplines.

View more about the Labriola Center [6]

Open Stack collections

Engage with our print collections curated in response to community feedback and research needs, and openly available for all to explore and use.

Explore our Open Stack Collections [7]

University archives

Explore the history and evolution of Arizona State University, from 1885 to present day.

Visit the University Archives [8]

Resources

- Arizona Archives Online [1]
- ASU Digital Repository [2]
- Camera use agreement [3]
- Gift materials policy [4]
- Using our collections in publications [5]

Source URL: https://lib.asu.edu/collections

Links:
[1] http://www.azarchivesonline.org/xtf/search
[2] http://repository.lib.asu.edu/
[3] https://lib.asu.edu/sites/g/files/litvpz3326/files/docs/ASU_Personal_Camera_Use_Agreement.pdf
[4] https://lib.asu.edu/policies/materialgifts
[5] https://lib.asu.edu/collections/using-collections-publications

Design and the Arts library

Information

- About the Design and the Arts Library [1]
- Collections [2]
- Library guides [3]
- Building information [4]
- The Design School [5]
- Contact us [6]
- Course resources for faculty [7]
- Art and Design Lending Library [8]
- Audio-visual equipment [9]

Frequently used resources

- Avery Architecture Index [10]
- Design and Applied Arts Index [11]
- ARTstor [12]

View all research databases [13]

Source URL: https://lib.asu.edu/design

Links:
[1] https://lib.asu.edu/design/aboutus
[2] https://lib.asu.edu/design/collections
[3] https://libguides.asu.edu/sb.php?subject_id=49838
[4] https://lib.asu.edu/sites/default/files/docs/design_floorplan.pdf
[5] http://design.asu.edu/

[6] https://lib.asu.edu/design/contactus
[7] https://lib.asu.edu/course-resources
[8] https://lib.asu.edu/design/lending
[9] https://lib.asu.edu/audio-visual-equipment
[10] https://libguides.asu.edu/averyarchitect
[11] https://libguides.asu.edu/designappliedarts
[12] https://libguides.asu.edu/artstordl
[13] https://libguides.asu.edu/az/databases

About the Design and the Arts library

The Design and the Arts Library is located on the first floor of the Design North building. This portion of the ASU Library collection focuses strongly on design subjects, including: architecture, landscape architecture, interior design, graphic design, industrial design, and urban planning. The Design and the Arts Library houses approximately 50,000 books, journals, and media items, as well as a special collection of primary source materials and archival drawings.

Locating missing books or journal articles

If a needed item (book or journal) is not on the shelf, please ask at the library's Information & Check Out Desk. If the item is checked out or is missing, and you are an ASU student, faculty, or staff member, you may request a copy through Interlibrary Loan [1]. If material is not checked out, you can initiate a search by requesting the item through Library One Search [2]. When the material becomes available, you will be notified via your ASU email.

Source URL: https://lib.asu.edu/design/aboutus

Links:
[1] https://lib.asu.edu/ill
[2] https://search.lib.asu.edu/

Downtown Phoenix campus library

Information

- About the Downtown Phoenix campus Library [1]
- Audio-visual equipment [2]
- Contact us [3]
- Building floor plan [4]
- Services [5]
- Study rooms [6]
    - Reserve now [7]

Frequently used resources

- Academic Search Ultimate [8]
- CINAHL [9]
- Cochrane Library [10]
- ERIC [11]
- Nexis Uni [12]
- PsycInfo [13]
- Social Services Abstracts [14]
- Sociological Abstracts [15]

View all research databases [16]

Source URL: https://lib.asu.edu/downtown

Links:
[1] https://lib.asu.edu/downtown/aboutus
[2] https://lib.asu.edu/audio-visual-equipment
[3] https://lib.asu.edu/downtown/contactus
[4] https://lib.asu.edu/sites/g/files/litvpz3326/files/docs/downtown_floorplan.pdf
[5] https://lib.asu.edu/downtown/services
[6] https://lib.asu.edu/downtown/study
[7] http://asu.libcal.com/reserve/dpc
[8] https://libguides.asu.edu/aspebscohost
[9] https://libguides.asu.edu/cinahl
[10] https://libguides.asu.edu/cochranelib
[11] https://libguides.asu.edu/ericproq
[12] https://libguides.asu.edu/nexisuni
[13] https://libguides.asu.edu/psycinfo
[14] https://libguides.asu.edu/socservices
[15] https://libguides.asu.edu/sociologabstracts
[16] https://libguides.asu.edu/az/databases

About the Downtown Phoenix campus library

The Downtown Phoenix campus Library, one of seven ASU Library locations, is located in the Information Commons in the lower level of the University Center building (411 N. Central Ave.). The full rich research collection of the entire ASU Library, both in print and online, is provided through the library. Students, faculty, and staff have access to over 275 research databases and almost 50,000 full text electronic journals which are available both on and off campus. Over 25,000 books and other research resources focusing on materials of particular interest to majors in the anchor fields taught at the Downtown Phoenix campus [1] are available onsite, with ready access to the over four million volumes in the ASU Library. In addition, our expert librarians are available to provide personalized research assistance.

Group study [2] rooms equipped with white boards and video projectors are available in the Information Commons and provide a great opportunity to collaborate and interact with other students. A few group study rooms have computers and DVD/VHS players. There are over 65 computers available for student access, including 10 dual boot iMACs and several workstations for students with disabilities.

Please note, building access at our Downtown Phoenix campus Library is limited to current ASU students, staff and faculty with active Sun Cards. Members of the public and Community Borrowers should call 602-496-0300 [3] to arrange a visit.

Source URL: https://lib.asu.edu/downtown/aboutus

Links:
[1] http://campus.asu.edu/downtown/
[2] https://lib.asu.edu/downtown/study
[3] tel:+16024960300

ASU FIDM library

Find your creative spark at the ASU FIDM library

Welcome ASU students, faculty, staff, alumni and industry members! The ASU FIDM Library located at the California Center Grand in Los Angeles is here to meet your needs in fashion, costume, visual arts, graphic design, architecture,

interior design, film and music. From vintage magazines to trend forecasting services, be inspired by the past, present and future.

Whether you're researching, designing or looking for inspiration, find it here!

Library guides

Start here to explore fashion-specific resources, curated by library specialists.
Fashion Library Guide [1]
Fashion History Library Guide [2]

Frequently used databases

Artstor [3]
Bloomsbury Fashion Central [4]
Harper's Bazaar Archive [5]
Peclers+ [6]
Vogue Archive [7]
WGSN [8]
WindowsWear [9]
Women’s Wear Daily Archive [10]

Creative spaces, tools and collections

Draping area

A space for exploration and experimentation, the draping area encourages hands-on discovery where you can study different forms, manipulate fabrics and transform concepts into wearable creations.

Swatch room

Our Swatch Room offers students a wide selection of materials such as fabric, plastic, wood, marble, vinyl and buckles. Materials are ideal for creating mood boards, dioramas, collages and more.

Trend forecasting services

Examine emerging trends across women’s, men’s, children’s, sportswear and streetwear, along with insights on color and textiles. These forecasts predict macro trends 18 to 24 months in advance!

Magazines and print materials

Access the entire run of Vogue (U.S.) and Harper's Bazaar magazines for historical reference, available self-serve in the library. For contemporary fashion, browse the Gap Press Collections — bound books showcasing images from major runway shows, covering the 1990s to 2010s.

Video and audio resources

Discover "Videofashion" vintage runway videos, FIDM Debut student shows from 1980 to 2016 and a selection of popular media (DVD, Blu-ray), including movies, shows and documentaries.

Fashion future collection

Created by international designers and manufacturers, this innovative study collections allows you to interact with unique sustainable materials made with Tyvek, mushrooms, audiocassettes, coconut shells and even wine corks.

More special collections

Visionaire

An artist Book Serial featuring unique, one-of-a-kind issues. Each has its own content, format and featured artists or editors. Available by request at the Information Desk.

Pattern collection

20th-century patterns for women's, men's and children's clothing, featuring brands like Butterick, McCall’s, Simplicity and rare publishers. Browse the index of pattern covers in the library and request materials at the Information Desk.

American fabrics

Explore early 20th century back issues, including fabric samples offering valuable insights into costume and fashion history. Available in the library.

Mail order catalogs

A collection of 20th-century mail order catalogs from Montgomery Ward, Sears, Spiegel and more. Ask for catalogs at the Information Desk.

Arrange a visit

Our library team would love to work with you individually, your group or your class. Contact us to start a conversation.

Arrange an individual or class visit [11]

Source URL: https://lib.asu.edu/asu-fidm

Links:
[1] https://libguides.asu.edu/fashion
[2] https://libguides.asu.edu/fashionhistory
[3] https://libguides.asu.edu/artstordl
[4] https://libguides.asu.edu/bloomsburyfashioncentral
[5] https://libguides.asu.edu/harpersbazaar
[6] https://libguides.asu.edu/az/peclers
[7] https://libguides.asu.edu/voguearchive
[8] https://libguides.asu.edu/wgsn
[9] https://libguides.asu.edu/windowswear
[10] https://libguides.asu.edu/womensweardaily
[11] https://lib.asu.edu/asu-fidm/request-visit

Fletcher library

Information

- About Fletcher Library [1]
- Audio-visual equipment [2]
- Building information [3]
- Contact us [4]
- Fletcher services [5]
- Study rooms [6]

Frequently used resources

- ABI/INFORM [7]
- Academic Search Ultimate [8]
- CQ Researcher [9]
- ERIC [10]
- Films on Demand (FMG) [11]
- Google Scholar (with library links) [12]
- JSTOR [13]
- Nexis Uni [14]
- Mergent Intellect [15]
- ProQuest [16]
- PsycINFO [17]

View all research databases [18]

Source URL: https://lib.asu.edu/fletcher

Links:
[1] https://lib.asu.edu/fletcher/aboutus
[2] https://lib.asu.edu/audio-visual-equipment
[3] https://lib.asu.edu/fletcher/building
[4] https://lib.asu.edu/fletcher/contactus
[5] https://lib.asu.edu/fletcher/services
[6] https://lib.asu.edu/fletcher/study
[7] https://libguides.asu.edu/abiinform
[8] https://libguides.asu.edu/aspebscohost
[9] https://libguides.asu.edu/cqpress
[10] https://libguides.asu.edu/ericproq
[11] https://libguides.asu.edu/filmsondemand
[12] https://libguides.asu.edu/googlescholar
[13] https://libguides.asu.edu/jstor
[14] https://libguides.asu.edu/nexisuni
[15] https://libguides.asu.edu/mergentintellect
[16] https://libguides.asu.edu/proquest
[17] https://libguides.asu.edu/psycinfo
[18] https://libguides.asu.edu/az/databases

About Fletcher library

Information

The Fletcher Library was dedicated in 1988 in honor of the Robert L. Fletcher family whose gift of property resulted in an endowment for the perpetual support of the library. It was the first building completed on campus and soon after received an Honor Award, the top recognition of design excellence from the Southern Arizona Chapter of the American Institute of Architects. A semi-circular reflecting pool graces the library’s front lawn.

In addition to a core print and media collection, Fletcher Library regularly features exhibitions and community-connected book displays. The third floor is home to the Labriola National American Indian Data Center's West Valley campus location. There are several group study rooms and ample space for individual study throughout the library. The three-story library is open seven days a week during semester sessions.

The first floor includes the Student Success tutoring center and First Year Success (FYS-West).
Housed in the library’s lower level is the American Indian Student Support Services (AISSS-West).

Treat yourself to a pastry and a cup of coffee at the Starbucks located inside the main entrance to the library.

Read the law that created the West Valley campus (PDF) [1].

Resources

Building [2]
Computing Site [3]
Tech Hub [4]
Computing and wireless [5]
Contact [6]
Employment [7]
Group study rooms [8]
Location [9]
Tutoring (Academic Support Network) [10]

Source URL: https://lib.asu.edu/fletcher/aboutus

Links:
[1] https://lib.asu.edu/sites/g/files/litvpz3326/files/docs/State_of_Arizona_west_campus_designation_1984.pdf
[2] https://lib.asu.edu/fletcher/building
[3] https://tech.asu.edu/services/campus-it-sites/west
[4] https://lx.asu.edu/tech-hub
[5] https://lib.asu.edu/policies/computer
[6] https://lib.asu.edu/fletcher/contactus
[7] https://lib.asu.edu/employment
[8] https://lib.asu.edu/fletcher/study
[9] http://www.asu.edu/map/interactive/?campus=west&building=FLHLB
[10] https://tutoring.asu.edu/

Hayden library

Information

- About the Hayden Library [1]
- Audio-visual equipment [2]
- Building information [3]
- Collections [4]
- Contact us [5]
- FAQ [6]
- Services and features [7]
- Study rooms [8]

Frequently used resources

- ABI/Inform [9]
- Academic Search Ultimate [10]
- CINAHL [11]
- ProQuest Dissertations & Theses Global [12]
- ERIC [13]
- Google Scholar (with library links) [14]
- JSTOR [15]
- Naxos Music Library [16]

- Nexis Uni [17]
- PsycINFO [18]
- PubMed [19]
- Scopus [20]
- WorldCat [21]

View all research databases [22]

Source URL: https://lib.asu.edu/hayden

Links:
[1] https://lib.asu.edu/hayden/aboutus
[2] https://lib.asu.edu/audio-visual-equipment
[3] https://lib.asu.edu/hayden/building
[4] https://lib.asu.edu/collections/open-stacks/hayden
[5] https://lib.asu.edu/hayden/contactus
[6] https://lib.asu.edu/hayden/faq
[7] https://lib.asu.edu/hayden/services
[8] https://lib.asu.edu/hayden/study
[9] https://libguides.asu.edu/abiinform
[10] https://libguides.asu.edu/aspebscohost
[11] https://libguides.asu.edu/cinahl
[12] https://libguides.asu.edu/proqdissert
[13] https://libguides.asu.edu/ericproq
[14] https://libguides.asu.edu/googlescholar
[15] https://libguides.asu.edu/jstor
[16] https://libguides.asu.edu/naxosmusic
[17] https://libguides.asu.edu/nexisuni
[18] https://libguides.asu.edu/psycinfo
[19] https://libguides.asu.edu/pubmeddb
[20] https://libguides.asu.edu/scopus
[21] https://libguides.asu.edu/worldcat
[22] https://libguides.asu.edu/az/databases

About Hayden library

Capping off a $90 million renovation [1], ASU's Hayden Library, originally built in 1966, has been reinvented and reopened for the 21st century, with an eye toward maximum accessibility, engagement and support for the university's growing student population.

Hayden Library's revamped five-story tower, which sits at the center of ASU's Tempe campus, now features nearly double the student space, enhanced study areas, community-driven book collections, two reading rooms, a variety of research services [2] and interdisciplinary learning labs and an entire floor devoted to innovation.

To learn more about the reinvention and renovation of Hayden Library, read the ASU Now story: New doors open to Hayden Library [3].

Source URL: https://lib.asu.edu/hayden/aboutus

Links:
[1] https://cfo.asu.edu/hayden-reinvention
[2] https://lib.asu.edu/research
[3] https://asunow.asu.edu/20200110-sun-devil-life-new-doors-open-hayden-library

Ross-Blakey Law library

Meet with a librarian [1]
New student guide [2]
Study aids [3]
Law databases [4]
Research guides [5]
Interlibrary loan [6]

Ask a law librarian

- 480-965-6144 [7]
- Email [8]
- Chat [9]
- Meet [10]

Library hours
Monday - Friday
8 a.m. - 5 p.m.
Full Schedule [11]

Source URL: https://lawlib.asu.edu/

Links:
[1] https://law-asu.libanswers.com/form.php?queue_id=4820
[2] https://libguides.law.asu.edu/newstudents
[3] https://lawlib.asu.edu/students/studyaids
[4] https://lawlib.asu.edu/research/databases
[5] https://libguides.law.asu.edu/
[6] https://lawlib.asu.edu/students/ill
[7] tel:14809656144
[8] https://law-asu.libanswers.com/form.php?queue_id=4915
[9] https://law-asu.libanswers.com/chat/widget/a7d5aa586a5e3395c7f08ace788d73a9
[10] https://law-asu.libanswers.com/form.php?queue_id=4820
[11] https://lawlib.asu.edu/about/hours

About the library

The Ross-Blakley Law Library resides in the Beus Center for Law and Society in Phoenix, Arizona. The Ross-Blakley Law Library fulfills the educational information needs of the faculty and students of the Sandra Day O'Connor College of Law. We have built a superlative collection of legal and interdisciplinary research resources necessary to support our faculty and students. We maintain a collection of primary authority and secondary source materials. Some collection emphases include Indian Law and English Legal History. We have a dedicated and knowledgeable staff to support the research needs of all our patrons.

William C. Blakley and John J. Ross

The Law Library is named in memory of William C. Blakley, a 1971 graduate of the Arizona State University Law School and member of the law firm of Mohr, Hackett, Pederson, Blakley, Randolf & Haga PC at the time of his death, and John J. Ross, a graduate of Harvard Law School and senior partner of Brown & Bain PA at the time of his death. The former Law Library building was made possible by an almost unprecedented capital campaign spearheaded by Sue Ross and Lynn Blakley Grant, and generously supported by a large number of individuals, law firms and organizations. Visitors may view a portrait of William C. Blakley and John J. Ross at the Law Library Circulation Desk.

About the Beus Center for Law and Society (BCLS)

In June 2016 the Sandra Day O'Connor College of Law and the Ross-Blakley Law Library moved to the Beus Center for Law and Society in Downtown Phoenix. The building space uses form and function to connect students, visitors, and the general public to the role of justice in society. The BCLS was designed to be inviting, engaging, and accessible to everyone who is interested in learning about the law, its effect on our daily lives, and the many services and resources available through ASU and other BCLS partners.

Plans for the BCLS were unveiled on December 2013. Construction on the six-story, $129 million building began in the summer of 2014. ASU Law students will find their learning experiences and opportunities enhanced by being steps away from the legal, political, and economic heart of Arizona in the nation's sixth-largest city. This move to downtown Phoenix makes it easier for students to network with alumni and other experts, as well as prospective employers.

Source URL: https://lawlib.asu.edu/about

Music library

Information

- ASU performance duplication service [1]
- Audio-visual equipment [2]
- Collections [3]
- Contact us [4]
- Course Resources Services and streaming audio [5]
- Location and floor plan [6]
- Music Library services and policies [7]
- School of Music, Dance and Theatre [8]
- Study rooms [9]

Frequently used resources

- ASU School of Music Performance Archive [10]
- ASU Sheet Music Collection [11]
- ASU Song Index [12]
- Chicago Manual of Style Online [13]
- Classical Music Library [14]
- Classical Scores Library [15]
- ProQuest Dissertations & Theses Global [16]
- DRAM: Database of Recorded American Music [17]
- Garland Encyclopedia of World Music Online [18]
- Music Online Resources [19]
- Music Periodicals Database [20]
- Naxos Music Library [21]
- Naxos Sheet Music Library [22]
- Oxford Music Online [23]
- RILM Abstracts of Music Literature with Full Text [24]
- Worldcat [25]

View all research databases [26]

Source URL: https://lib.asu.edu/music

Links:
[1] https://lib.asu.edu/music/services/interperfpol
[2] https://lib.asu.edu/audio-visual-equipment
[3] https://lib.asu.edu/music/collections
[4] https://lib.asu.edu/music/contactus
[5] https://lib.asu.edu/course-resources
[6] https://lib.asu.edu/locations/music
[7] https://lib.asu.edu/music/services
[8] https://musicdancetheatre.asu.edu/
[9] https://lib.asu.edu/music/study
[10] https://keep.lib.asu.edu/collections/299
[11] https://prism.lib.asu.edu/collections/177
[12] http://spmi.lib.asu.edu/songs
[13] https://libguides.asu.edu/chicagomanstyle
[14] https://libguides.asu.edu/musicclassicallib
[15] https://libguides.asu.edu/musicclassicalv1
[16] https://libguides.asu.edu/proqdissert
[17] https://libguides.asu.edu/dram
[18] https://libguides.asu.edu/musicgarland
[19] https://libguides.asu.edu/MusicResources
[20] https://libguides.asu.edu/musicperios
[21] https://libguides.asu.edu/naxosmusic
[22] https://libguides.asu.edu/naxossheetmusic
[23] https://libguides.asu.edu/oxfmusic
[24] https://libguides.asu.edu/rilmmusiclitfull
[25] https://libguides.asu.edu/worldcat
[26] https://libguides.asu.edu/az/databases

Noble library

Information

- About the Noble Library [1]
- Audio-visual equipment [2]
- Building information [3]
- Collections [4]
- Contact us [5]
- FAQ [6]
- Services and features [7]
- Study rooms and zones [8]

Frequently used resources

- EI Compendex [9]
- Google Scholar (with library links) [10]
- IEEE Xplore [11]
- Inspec [12]
- Knovel [13]
- PubMed [14]
- Scopus [15]

View all research databases [16]

Source URL: https://lib.asu.edu/noble

Links:
[1] https://lib.asu.edu/noble/aboutus
[2] https://lib.asu.edu/audio-visual-equipment
[3] https://lib.asu.edu/noble/building
[4] https://lib.asu.edu/noble/collections
[5] https://lib.asu.edu/noble/contactus
[6] https://lib.asu.edu/noble/faq
[7] https://lib.asu.edu/noble/services
[8] https://lib.asu.edu/noble/study
[9] https://libguides.asu.edu/eicompendex
[10] https://libguides.asu.edu/googlescholar
[11] https://libguides.asu.edu/ieexplore
[12] https://libguides.asu.edu/inspec
[13] https://libguides.asu.edu/knovel
[14] https://libguides.asu.edu/pubmeddb
[15] https://libguides.asu.edu/scopus
[16] https://libguides.asu.edu/az/databases

About Noble library

Noble Library became Arizona State University's second major library facility in 1983. Today, Noble Library is home to a growing open stack print collection and a number of student support services, in addition to group and individual study spaces.

Dr. Daniel E. Noble, the library's namesake, was a technical innovator and inventor. Noble worked at Motorola for more than 30 years holding various research and executive positions, and is credited with designing the first FM mobile communication system.

Street Address
601 E Tyler Mall
Tempe, AZ 85281

Building Code
NOBLE

Source URL: https://lib.asu.edu/noble/aboutus

Links:
[1] https://ethw.org/Daniel_Noble

Polytechnic campus library

Information

- About the Polytechnic campus Library [1]
- Audio-visual equipment [2]
- Building information [3]
- Contact us [4]
- Polytechnic campus Library services [5]
- Study rooms [6]

Frequently used resources

- ABI Inform [7]
- Academic Search Ultimate [8]
- CINAHL [9]
- Compendex [10]
- Education Full Text [11]
- Mergent Intellect [12]
- PubMed [13]
- PsycINFO [14]
- Science Direct [15]
- Scopus [16]

View all research databases [17]

Source URL: https://lib.asu.edu/polytechnic

Links:
[1] https://lib.asu.edu/polytechnic/aboutus
[2] https://lib.asu.edu/audio-visual-equipment
[3] https://lib.asu.edu/sites/g/files/litvpz3326/files/docs/poly_floorplan.pdf
[4] https://lib.asu.edu/polytechnic/contactus
[5] https://lib.asu.edu/polytechnic/services
[6] https://lib.asu.edu/polytechnic/study
[7] https://libguides.asu.edu/abiinform
[8] https://libguides.asu.edu/aspebscohost
[9] https://libguides.asu.edu/cinahl
[10] https://libguides.asu.edu/eicompendex
[11] https://libguides.asu.edu/educft
[12] https://libguides.asu.edu/mergentintellect
[13] https://libguides.asu.edu/pubmeddb
[14] https://libguides.asu.edu/psycinfo
[15] https://libguides.asu.edu/sciencedirect
[16] https://libguides.asu.edu/scopus
[17] https://libguides.asu.edu/az/databases

About Polytechnic campus library

Polytechnic campus library is in the basement of the Academic Center building.

Contact information

Phone: 480-727-1037
Fax: 480-727-1077
Email: polylib@asu.edu [1]

Location

ASU at the Polytechnic campus (Directions to campus [2])
Academic Center (CNTR)

Lower Level
5988 S. Backus Mall, Mesa, AZ 85212.

Polytechnic campus map [2]

Source URL: https://lib.asu.edu/polytechnic/aboutus

Links:
[1] mailto:polylib@asu.edu
[2] http://www.asu.edu/map/interactive/?campus=polytechnic

University policies

Academic integrity

At Arizona State University, we place great value on the research and scholarship of our students and faculty and are committed to a culture of academic integrity and scholarly ethics. We welcome you into our culture of academic excellence and integrity and hope you will help foster and promote ethical and honest behavior in connection with your scholarly work and interactions with your peers.

Academic integrity and honesty at ASU: Arizona State University [1] on Youtube.

What is Academic integrity?

No matter what stage of your educational or professional career pursuits, acting with integrity is a cornerstone of leadership and good citizenship. Integrity is a character-driven commitment to honesty, doing what is right, and guiding others to do what is right. Arizona State University students and faculty are expected to act with integrity in their educational pursuits.

Academic dishonesty falls into five broad areas that include but are not limited to:

1. Cheating on an academic evaluation or assignment.
2. Plagiarizing [2].
3. Academic deceit, such as fabricating data or information.
4. Aiding academic integrity policy violations and inappropriately collaborating.
5. Falsifying academic records.

It is important that you understand what constitutes a violation of academic integrity. The ASU community is here to help you stay informed and to provide resources to avoid these kinds of violations. Please read ASU’s academic integrity policy found here and visit the student resource page found here.

Mostly importantly, if you are not sure if something is really cheating, ask your professors, academic integrity officers, T.A.s or academic advisors.

Source URL: https://provost.asu.edu/academic-integrity

Links:
[1] https://www.youtube.com/watch?v=_re07sKys_o
[2] https://provost.asu.edu/academic-integrity/resources/students#avoiding-plagiarism

ASU student honor code

The ASU student honor code affirms the commitment of ASU students to uphold the values, principles, and ethics of academic integrity.

Honor code

> “We, the students of Arizona State University, adopt this code as an affirmation of our commitment to academic integrity and our participation in ethical education.
>
> We embrace our duty to uphold ASU's Honor Code, and in light of that duty,
>
> We promise to refrain from academic dishonesty.

We pledge to act with integrity and honesty and to promote these values among our peers. We agree to always abide by the Sun Devil Way and uphold the values of the New American University."

[Archivist's note: embedded Google slides presentation; no link available]

Source URL: https://provost.asu.edu/academic-integrity/honor-code

Links:
[1] https://eoss.asu.edu/sundevilway
[2] https://newamericanuniversity.asu.edu/about/asu-charter-mission-and-goals

Why is academic integrity important?

Foundational value

Academic integrity is a fundamental value and is paramount to your success as a student. Protecting the ASU community from violations of academic integrity is everyone's responsibility.

Academic integrity violations negatively impact:

You as a student

If you cheat in a course or another academic exercise, you are taking away your opportunity to learn, develop and improve your skills, and obtain an educational degree that reflects your own academic achievements.

The ASU community

ASU is an intellectual community focused on teaching, research and the values of the New American University. The creation, transmission, sharing and applying of knowledge are central activities of the community. Cheating violates fundamental values of the university community.

Future employers, clients or patients

Cheating can hurt the people you will work with in the future. You are preparing for careers where you will provide services to others—legal, journalistic, medical, research, etc. If you do not learn how to do this work, you have cheated your future employers and clients of a knowledgeable professional.

Student policy

Why is academic integrity important? [1] on Youtube.

Keon McGuire, Assistant Professor in Mary Lou Fulton College for Teaching and Learning Innovation, shares why academic integrity is important. We want your time spent here at ASU to be enriching, engaging and full of wonderful educational experiences that prepare you for your future.

What is a violation of the academic integrity policy?

Academic dishonesty falls into five broad areas that include but are not limited to:

1. Cheating on an academic evaluation or assignment.
2. Plagiarizing.
3. Academic deceit, such as fabricating data or information.
4. Aiding academic integrity policy violations and inappropriately collaborating.
5. Falsifying academic records.

What are the consequences?

At Arizona State University, academic honesty is expected of all students in all examinations, papers, academic transactions and records. The possible sanctions include, but are not limited to: appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the academic integrity policy.
This policy sets forth the ASU Student Academic Integrity Policy and appeal procedures.

View full policy [2]

Additional policies to be aware of:

Student Code of Conduct

Violations of the ASU Student Code of Conduct, other than the provision concerning academic dishonesty, are more generally considered inappropriate behavior. The Office of Student Rights and Responsibilities [3] reviews and sanctions these matters. If a student violates both the academic integrity provision and additional provisions of the Student Code of Conduct, both the college and the Office of Student Rights and Responsibilities will review the matter. Each independently makes determinations concerning violations and appropriate sanctions.

Misconduct in research

For graduate students and undergraduates involved in research, there can be overlapping areas between Academic Integrity Policy violations, responsible conduct of research and research misconduct. The five areas listed above describe the kinds of Academic Integrity Policy violations and are handled under the ASU Student Academic Integrity Policy by faculty members, colleges and the provost.

If a student is working on a federally-funded research project, some of these items may also be considered misconduct in research [4]. Misconduct is defined as:

Fabrication, falsification, plagiarism and other practices that seriously deviate from those that are commonly accepted within the academic community for proposing, conducting or reporting research. Instances of honest error and honest differences in interpretations or judgments of data are not considered misconduct. (From RSP 004: Definitions [5])

A student who violates both ASU's Misconduct in Research Policy and Student Academic Integrity Policy will be reviewed by both the college and the Office of Knowledge Enterprise Development's Office of Research Integrity and Assurance [6] (ORIA). Each independently makes determinations concerning violations and appropriate sanctions.

In addition, some actions might be considered violations of the norms of responsible conduct of research, but not Academic Integrity Policy violations or misconduct in research. Many of these incidents fall into the general category of "collaborator disputes." For example, if a doctoral graduate of ASU continued a line of research begun at ASU in a new lab external to ASU, and the ASU mentor objected, generally speaking the matter would be addressed as a collaborator dispute, rather than as an Academic Integrity Policy violation or misconduct in research. Many conflicts over appropriate authorship credit on publications also fall into this area.

Source URL: https://provost.asu.edu/academic-integrity/impact

Links:
[1] https://youtu.be/Xl_LGLFhPPc
[2] https://provost.asu.edu/academic-integrity/policy
[3] https://eoss.asu.edu/dos/srr
[4] http://www.asu.edu/aad/manuals/rsp/rsp210.html
[5] http://www.asu.edu/aad/manuals/rsp/rsp004.html#misconduct
[6] https://researchintegrity.asu.edu/

Student policy

At Arizona State University academic honesty is expected of all students in all examinations, papers, academic transactions and records. The possible sanctions include, but are not limited to: appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the academic integrity policy. This policy sets forth the ASU Student Academic Integrity Policy and appeal procedures.

A. Purpose

1. This Policy sets forth the ASU Student Academic Integrity Policy and appeal procedures. These procedures are designed to encourage a fair and appropriate process for student and faculty to resolve allegations of academic dishonesty. They may be modified in individual cases, so long as the student is provided notice and an opportunity to respond to allegations of academic dishonesty.
2. This Policy does not apply to differences of opinion over grades issued by an instructor.

B. Definitions

Academic Deceit Any deceptive or fraudulent act that creates or attempts to create an advantage or disadvantage for any member of the academic community.

Academic Evaluation Any academic assignment, project, paper, performance, quiz, exam, comprehensive exam, candidacy exam, thesis, dissertation, clinical or internship experience, or other evaluation assigned or offered for credit (including extra or optional credit), intended to fulfill an academic requirement, or considered by the University to provide academic or research experience (such as a paid research position).

Academic Integrity Officer The person responsible for managing the academic integrity investigation and adjudication process in a College or School. The Academic Integrity Officer works with both the student and Instructor to ensure that all procedures are followed. The Academic Integrity Officer is responsible for guiding both the student and Instructor through the investigation and adjudication process. The Academic Integrity Officer may pursue the academic dishonesty allegation if, for any reason, the Instructor is unable or unwilling to do so.

Advisor An individual selected by the student to assist him/her during the academic integrity process. The advisor may be a faculty or staff member, student, or other representative of the student.

College/School Board College or School Board is appointed by the academic Dean to review allegations of academic dishonesty. Each College or School Board is a standing committee comprised of faculty members and at least one student.

University Academic Integrity Hearing Board Hearing board appointed by the Provost or designee to review allegations of academic dishonest, typically through student appeals from a College/School Board.

Instructor An academic supervisor or any person holding a faculty appointment as defined in the Arizona State University Academic Affairs Manual and is responsible for or authorized to conduct an academic evaluation. The Academic Integrity Officer may take the place of the Instructor throughout this process.

Day University business day, not including Saturday, Sunday, any officially recognized university employee holiday, or any day the University is closed.

C. Student obligations

1. All students must act with honesty and integrity. ASU believes that any form of Academic Dishonesty negatively impacts not only the student involved but all ASU students. The ASU student honor code affirms this commitment to integrity and can be found here.
2. Academic Dishonesty includes attempting or engaging in the following:
    a. Academic Deceit;

b. Referring to unauthorized materials, sources, or devices (e.g., Internet resources, computer disks, audio recorders, cellular phones, personal electronic devices, text messages, crib sheets, calculators, solution manuals, materials from previous classes, or commercial research services) during an Academic Evaluation;
c. Possessing, reviewing, buying, selling, obtaining, posting on a site accessible to others, reviewing materials from a site accessible to others, or using, without appropriate authorization, any materials intended to be used for an Academic Evaluation in advance of its administration;
d. Using a substitute or acting as a substitute for another person in any Academic Evaluation;
e. Relying on the aid of others, including other students, tutors, or for-hire agents, in connection with any Academic Evaluation to the extent that the work is not representative of the student's abilities;
f. Providing inappropriate aid to another person in connection with any Academic Evaluation, including the unauthorized use of materials, cellular phones, text messages, photocopies, notes, or other means to copy or photograph materials used or intended for Academic Evaluation;
g. Plagiarism, or the use of another's words, ideas, materials, or work from the Internet or any other source without properly acknowledging and documenting the source. Students are responsible for knowing the rules governing the use of another's work or materials and for acknowledging and documenting the source appropriately.
h. Claiming credit for or submitting work done by another or through the unauthorized use of technology;
i. Signing an attendance sheet for another student, allowing another person to sign on the student's behalf, or otherwise obtaining credit for attendance for oneself or another without attending;
j. Falsifying or misrepresenting hours or activities regarding an internship, externship, field experience, clinical activity, or similar activity; or
k. Attempting to influence or change any Academic Evaluation, or academic record for reasons having no relevance to academic achievement.

D. Academic dishonesty investigation and procedures

1. Anyone with a good faith basis for believing that a student has engaged in Academic Dishonesty may report the alleged violation to the Instructor or Academic Integrity Officer for the college or school in which the Academic Dishonesty occurred.
2. If the Instructor or Academic Integrity Officer conclude that there is a sufficient basis to believe the student engaged in Academic Dishonesty, the Academic Integrity Officer will notify the student of the alleged violation and initiate the investigative process.
3. Before concluding the investigation, the Academic Integrity Officer will provide the student a summary of the information gathered. The student will have 5 business days after the notice was sent to respond on his/her own behalf to the allegation.
4. At any point in the process, the student can contact the Academic Integrity Officer to seek consultation or clarification.
5. The student may be accompanied by an Advisor at any point in the process. The Advisor is not permitted to participate directly or speak for the student.
6. Once the investigation is complete, in consultation with the Academic Integrity Officer, the instructor will recommend a sanction. The student will be notified of the result of the investigation and the sanction to be imposed, if any.

E. Sanctions and appeal

1. The following sanctions may be imposed for Academic Dishonesty:
    a. Reduced or failing grade for the Academic Evaluation;
    b. Reduced or failing grade for the course.
    c. An XE grade as described in section K below;
    d. Withdrawal of credit for a previously accepted course or requirement;
    e. Suspension from the University for a specific period of time;
    f. Expulsion from the University without expectation of readmission; and/or
    g. Other sanctions as consistent with this policy and the Student Code of Conduct: https://eoss.asu.edu/dos/srr/codeofconduct [1]

2. At any time, the student and the Instructor may agree on the sanction and inform the Dean. The Dean may reject the proposed resolution and appoint a designee to pursue the case on behalf of the University.
3. The student will also be notified of their right to appeal to the Dean. The student must file their appeal no later than 10 business days after the date the notification was sent. If the student does not file a timely appeal, the sanction is final.
4. A student's appeal of a recommended sanction must be submitted in writing and include the following:
    a. A description of the alleged academic dishonesty, including a factual narrative of events, the dates and times of occurrences, and any other reason why the sanction should not be imposed;
    b. The names of persons having information about relevant circumstances or events; and
    c. The general nature and description of all evidence.
5. If the student files an appeal, the student must meet with the Academic Integrity Officer to discuss hearing procedures. The Academic Integrity Officer will help the student navigate the process and provide additional information when needed.
6. If the student wishes to dispute any aspect of the allegation or sanction, the student may file an appeal. If the student files a timely appeal, the sanction will not be imposed until the appeal is resolved. If the student files an appeal at the end of a semester, or during the last semester of enrollment, the course grade or degree may be withheld until the matter is resolved. If a grade or degree will be withheld for any period, the Academic Integrity Officer or Dean must notify the Registrar's Office.

F. College/school board hearing

1. The Academic Integrity Officer will forward a student's timely appeal to the Instructor.
2. Pre-Hearing Proceedings
    a. The Academic Integrity Officer will send a notice of hearing to the student, Instructor, College/School Board, and the head of the College/School/academic unit where the alleged dishonesty occurred. The notice will include the following information:
        I. Statement of time and place of the hearing before the College/School Board. Unless the parties and Academic Integrity Officer agree otherwise, the hearing will take place during the regular fall or spring semester;
        II. A copy of this Policy or instructions on accessing the Policy electronically;
        III. Requirement that the parties provide to each other and the College/School Board a written list of witnesses and a description of any documents or other evidence they intend to use at the hearing. Unless the Chair provides otherwise, this information must be exchanged at least 5 business days before the hearing.
        IV. The length of time set for the hearing, the time limitation for the presentation of evidence, and any other procedural requirements.
3. Conduct of the Hearing
    a. In order to preserve the confidential nature of the disciplinary process and to protect the privacy of those involved, the hearing will be closed to the public.
    b. The College/School Board Chair will preside at the hearing and will rule upon all procedural matters. The formal rules of evidence will not apply, although objections to the introduction of specific statements or documents may be considered by the Chair. Irrelevant, immaterial, privileged, or unduly repetitious information will be excluded.
    c. The Instructor shall have the burden of showing it is more likely than not that the student engaged in Academic Dishonesty. The Instructor must also explain the reason for the sanction. If the student accepts responsibility for Academic Dishonesty, then the College/School Board may focus the hearing on the appropriate sanction.
    d. Information regarding prior violations or informal resolutions of previous allegations may not be used as proof of a current violation, but may be admitted for other purposes, such as to show that the student had prior experience relevant to the allegations or to show that the student had been informed previously that the conduct was unacceptable. The College/School Board may also consider information regarding prior violations in determining an appropriate sanction.
    e. A student who fails to appear or refuses to participate at the hearing will be deemed to have abandoned his/her appeal, unless the student can demonstrate that extraordinary circumstances prevented his/her appearance or participation.

f. The student and Instructor may each have an Advisor present, but the Advisors shall not be permitted to address the College/School Board directly, except as the College/School Board Chair deems necessary or appropriate.
g. The hearing will be recorded and the student may request a copy of the recording. The student may also request a transcript, but will be responsible for its cost.
h. Except as otherwise permitted by the College/School Board Chair, witnesses will be excluded from the hearing except during their own testimony. The Chair may remove a party, Advisor, or witness from the hearing if that person's conduct is disruptive.
i. When necessitated by fairness or extraordinary circumstances, the College/School Board may permit the parties to make arrangements for recorded, written, or telephonic testimony from their witness (es) for use in the proceeding.
j. The Instructor shall proceed first at each stage of the presentation.
    I. Each party may present an opening statement, which summarizes what information is expected to be presented.
    II. Each party will call witness(es) to provide statements under oath.
    III. At the conclusion of each witness's statement, he/she may be questioned by the other party.
    IV. The College/School Board may ask further questions of each witness.
    V. Each party may present a closing statement, which summarizes the information that was presented.

4. If the alleged Academic Dishonesty involves the work of multiple students, the College/School Board may modify these procedures to address the circumstances. The College/School Board should provide prior written notice of any modification of the procedures to all parties. Each student must file his/her own appeal. A student who has not filed an appeal should not expect to benefit from another student's appeal.

G. College/school board deliberations and recommendations

1. Following the presentation of information and closing statements, the College/School Board will discuss the information that has been presented and the reasonable inferences to be drawn from it. Only the Board, its legal advisor, if any, and the Academic Integrity Officer may be present during the deliberations. Neither the student nor the Instructor may be present during the deliberations.
2. Based solely upon the information presented, the College/School Board will formulate a recommendation to the Dean as to whether the student more likely than not engaged in academic dishonesty and the appropriate sanction. Recommendations must be supported by a simple majority of the Board.
3. The College/School Board will prepare and send a written recommendation to the Dean within 5 business days of the hearing. The written recommendation will include findings of fact and a statement of the reasons for the recommendation. It will also be signed by the College/School Board Chair. If the recommendation is not unanimous, dissenting opinions should be reflected in the recommendation

H. Review and decision by dean

1. After reviewing of the College/School Board's Recommendation, the Dean will render a written decision which affirms, denies, or accepts the College/School Board's recommendation with modifications.
2. The Dean may not make new findings adverse to the student or increase the severity of a sanction, unless
    a. The Dean provides the student notice and an opportunity to respond to the new findings or sanction, and
    b. Remands the matter to the College/School Board for further proceedings.
3. The Dean will provide written notice of the decision to the student, the Academic Integrity Officer, the instructor, the College/School Board, and the head of the College/School/academic unit where the alleged dishonesty occurred within 20 business days following receipt of the College/School Board's recommendation. A delay may occur if it becomes necessary to conduct further investigation or to remand the matter to the College/School Board. In those cases, the written decision will be transmitted no later than 20 business days following completion of the investigation or the College/School Board's subsequent recommendation.
4. The Dean's decision is final and may not be further appealed unless the Dean recommends that the Provost suspend or expel the student from the University.
5. If the Dean recommends the suspension or expulsion of an international student, both the student and Academic Integrity Officer should consult with the ASU International Students and Scholars Center.

6. If the Dean recommends that the Provost suspend or expel the student from the University, the letter from the Dean will state that the student may appeal the recommendation by filing a written request for review with the Provost within 10 business days of the date of the letter.
7. If the student does not timely appeal, the Provost or designee will review the Dean's recommendation and issue a final decision on suspensions or expulsions from the University.

I. Review and decision of a suspension or expulsion from the university

1. A student may seek to have a Dean's decision reviewed by the University Academic Integrity Hearing Board only if the Dean recommends that the Provost suspend or expel the student from the University. However, a student who failed to appeal or abandoned his/her appeal at the College/School Board hearing may not appeal to the University Academic Integrity Hearing Board.
2. The appeal must be in writing and must be filed with the Provost within 10 business days of the date of the Dean's decision letter.
3. The Provost or designee will appoint and charge a University Academic Integrity Hearing Board to conduct the hearing. The Hearing Board will be comprised of three members. One member must be a student and one of the other members will act as Hearing Board Chair. The hearing shall follow the procedures set forth in the Student Code of Conduct Procedures, except that the College/School will take the role of the Dean of Students and the Provost or designee will take the role of the Senior Vice President for Educational Outreach and Student Services.

J. Review and decision of a degree or certificate revocation

1. Anyone with a good faith basis to believe that an ASU alumnum has engaged in Academic Dishonesty may report the alleged violation to the Office of the University Provost.
2. The Provost's designee will investigate and make an initial determination as to whether there is a sufficient basis to believe that the alumnum engaged in Academic Dishonesty and whether the appropriate sanction includes degree or certificate revocation.
3. If the Provost's designee decides to initiate an Academic Dishonesty complaint, he/she will notify the alumnum of the allegations and provide the alumnum an opportunity to respond.
4. The Dean of the College/School that awarded the degree or certificate may choose to convene an ad hoc committee to review the evidence and make a recommendation as to whether the alumnum engaged in Academic Dishonesty and the appropriate sanction.
5. In cases not involving graduate students, after reviewing the evidence and committee recommendation, if any, the Dean of the College/School that awarded the degree or certificate will render a written decision as to whether the alumnum more likely than not engaged in Academic Dishonesty and the appropriate sanction.
6. In cases involving graduate students, after reviewing the evidence and committee recommendation, if any, the Dean of Graduate College in consultation with the Dean of the College/School that awarded the graduate degree or certificate, will render a written decision as to whether the alumnum more likely than not engaged in Academic Dishonesty and the appropriate sanction.
7. If the Dean recommends that the Provost revoke a degree or certificate, the letter from the Dean will state that the alumnum may appeal the recommendation by filing a written request for review with the Provost within 10 business days after the date the notification was sent.
8. If the alumnum does not timely appeal, the Provost or designee will review the recommendation and issue a final decision.
9. If the alumnum files a timely appeal, the Provost or designee will establish a University Academic Integrity Hearing Board to conduct the hearing. The hearing shall follow the procedures set forth in the Student Disciplinary/Grievance Procedures, except that the College/School will take the role of the Dean of Students and the Provost will take the role of the Senior Vice President for Educational Outreach and Student Services.

K. XE grade

1. The XE grade will be recorded on the student's official and unofficial transcript with the notation "failure due to academic dishonesty." The XE grade shall be treated in the same way as an E for the purposes of grade point average and determination of academic standing.

2. No student with an XE grade on his/her transcript shall be permitted to represent the University in any extracurricular activity or to run for or hold office in any recognized student organization.
3. Generally, the XE grade will remain on the transcript permanently. For other cases, after at least 12 months have elapsed since the XE grade was imposed, the student may file a written petition to the Dean to have the XE grade removed and replaced with an E grade. The decision to remove the XE grade and replace it with an E grade is within the discretion and judgment of the Dean.
4. Before replacing an XE grade with an E grade, the Dean may confer with other University officials and may require the student to attest that he/she has not been involved in any other act of academic dishonesty or similar disciplinary offense at ASU or another institution. If the student's representation is later discovered to be false, the Dean may reinstate the XE grade and recommend suspension or expulsion.

L. Procedures following final decision

1. If any student work affected by the finding of Academic Dishonesty has been placed in the library or forwarded to a third party in partial fulfillment of degree requirements, that work may be removed from the library or withdrawn from the third party.
2. A student's official and unofficial transcript may reflect that an XE grade, suspension from the university, expulsion from the university, or degree or certificate revocation was the result of Academic Dishonesty.
3. One year after the completion of a suspension for Academic Dishonesty, a student may petition to have the notation of suspension for Academic Dishonesty removed from his or her transcript. The student must submit a written petition to the Provost which summarizes his or her academic and personal history since the suspension which justifies removing the notation. The decision to remove the notation that the student was suspended for Academic Dishonesty is within the sole discretion and judgment of the Provost.
4. A notation of expulsion from the university or degree or certificate revocation resulting from Academic Dishonesty is permanent.
5. A degree may be revoked if its requirements were not adequately fulfilled.
6. If a degree is revoked and a transcript was forwarded to another institution, ASU will notify the institution of the revocation.

M. Other university policies

The University's Misconduct in Research Policy is independent of the Student Academic Integrity Policy and the Guidelines for Graduate Appeals. Individual conduct may also violate and be subject to review and sanctions under these policies.

Source URL: https://provost.asu.edu/academic-integrity/policy

Links:
[1] https://eoss.asu.edu/dos/srr/codeofconduct

Meet your academic integrity officer

The Academic Integrity Officer for a college/school serves as the lead educator for faculty and students to sustain a culture of academic integrity at ASU and to increase awareness of the university's academic integrity policy [1].

Both student and faculty can contact the Academic Integrity Officer for your College/School to report an academic integrity violation or to ask questions related to academic integrity policies and procedures.

Meet your academic integrity officers [2] video on Youtube.

Meet some of your academic integrity officers in this video. They are here for you. They will help you find an answer that avoids problems with academic integrity. We invite you to meet with your academic integrity officer and know who they are.

Academic Integrity Officers

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Source URL: https://provost.asu.edu/academic-integrity/officers

Links:
[1] https://search.asu.edu/profile/5098043
[2] https://search.asu.edu/profile/4602820
[3] https://search.asu.edu/profile/5098043
[4] https://search.asu.edu/profile/4602820
[5] https://search.asu.edu/profile/1640141
[6] https://search.asu.edu/profile/2389947
[7] https://search.asu.edu/profile/678891
[8] https://search.asu.edu/profile/1073953
[9] https://search.asu.edu/profile/406622
[10] https://search.asu.edu/profile/973834
[11] https://search.asu.edu/profile/761062
[12] https://search.asu.edu/profile/516336
[13] https://search.asu.edu/profile/3523754
[14] https://search.asu.edu/profile/422908
[15] https://search.asu.edu/profile/256853
[16] https://search.asu.edu/profile/972563
[17] https://search.asu.edu/profile/2181912
[18] https://search.asu.edu/profile/59936
[19] https://search.asu.edu/profile/1091225
[20] https://search.asu.edu/profile/417873
[21] https://search.asu.edu/profile/1979345

Student resources

Over the course of your academic journey here at Arizona State University, you will be challenged to continually build upon your skills and academic abilities. At times, pressure and stress can arise from balancing busy schedules, academic commitments, and personal commitments. In these moments of adversity, it’s important that you make ethical decisions and uphold a high standard of integrity for you and for others.

Behavior and actions

What does Sun Devil Integrity look like?

To see the behaviors and actions of Sun Devil Integrity, view the infographic below or download the PDF [1].

Sun Devil Integrity

Engages in learning

Chooses to engage in learning in college courses to fully understand the content so he/she can be a knowledgeable professional when entering the career world.

Takes notes

Diligently takes notes during class and during readings to begin preparing for exams. Studies his/her own notes, making flashcards and study materials, without seeking shortcuts.

Reports cheating

Reports cheating to the department's academic integrity officer.

Studies diligently

Studies for exams and assessments diligently and well in advance of exam day. Collaborates with classmates to study for exams by quizzing each other, but completes the exams entirely by himself/herself.

Cites sources

Cites all sources that are referenced, paraphrased, and/or quoted in full or in part, using appropriate source citation (such as APA or MLA format).

Avoids cheating

Avoids online or contract cheating websites where offers to complete college coursework, in full or in part, are made.

Completes tasks

Breaks long papers into parts (bibliography, outline, introduction, body, conclusion, and further sub-parts) to complete the task in stages ahead of deadlines.

Works in advance

Works in advance of assignment deadlines to plan out projects and papers, and create a checklist and a study plan with a daily or weekly schedule.

Encourages others

Encourages classmates to do their own work and to learn materials so they can be knowledgeable aspiring professionals.

Respects Honor Code

Treats instructors and classmates with respect and upholds the ASU Student Honor Code.

ASU Arizona State University

Academic Integrity at ASU tutorial

The Academic Integrity at ASU tutorial [2] also will walk you through the importance of academic integrity. Upon completion of the tutorial you will be able to:

- Describe the five types of academic integrity
- Identify the do's and don'ts of academic integrity at ASU
- Recognize the consequences of academic dishonesty

Strategies

Strategies for how to complete your work with integrity

Be informed: Understand ASU's expectations regarding academic integrity by understanding the Academic Integrity Policy [3] and Student Code of Conduct [4].

Ask questions: If you are not sure if something is really cheating, ask your professors, T.A.s, academic integrity officers, or academic advisors.

Seek tutoring: Ask your professors and others in your department for help in finding academic support. Help is available from the following sources:

- On-campus, in-person writing support [5]
- Online support for citations and style manuals [6]
- Tutoring and academic success resources [7]

Stay healthy: Checkout the Live Well at ASU [8] webpages to obtain information, resources and involvement opportunities found in each element are designed to positively impact you academic performance, personal well-being and assist you in reaching your full potential.

Avoiding plagiarism

Plagiarism may be the most common form of academic dishonesty and is often unintentional. Protect yourself by understanding how to avoid plagiarism at Arizona State University using the following resources.

What is plagiarism?

Defining plagiarism

Acts of plagiarism can be glaringly obvious or very subtle. Understanding plagiarism, with all of its intricacies and nuances, provides a foundation of knowledge one can use to make sound decisions and avoid getting caught up in a plagiarism scandal—whether intentional or unintentional.

Document sources appropriately

Lapses in one's technique for paraphrasing ideas, quoting information or citing sources can make way for accusations of plagiarism. Make it a point to learn how to integrate the ideas of others and to document the sources of "borrowed" information appropriately. View citation styles [6].

Avoiding unintentional plagiarism

Keeping track of the deluge of notes and source material can become a mind-boggling undertaking, and mistakes can lead to unintentional plagiarism. Learn about web-based citation management tools at ASU Library's Citation Management Tools [9] library guide.

Self-plagiarism

Quoting words or borrowing ideas without reference to the author is a problem, even if you happen to be the author.

Same story – different outlets

You cannot:

- submit the same paper for different classes.
- use sections of your previous work for a comp exam answer.
- expand on your master's thesis for your dissertation.
- submit the same research article to different journals.

Learn more about the complicated issue of self-plagiarism. Talk to your Academic Integrity Officer about what this means for you.

Recycling is not always good

Not when it comes to your own words. Many researchers use the same literature, research methods or analyses across studies and find it time consuming to write new versions of these sections. Yet blind journal reviewers or electronic cross-checking may indicate you are plagiarizing. Take the time to rephrase and remember you need to cite yourself.

Avoid salami-slicing

Or publishing multiple studies from the same data set. You may need to reduce a complex set of distinct hypotheses into separate papers. If so, let the readers know you did this. If the slices can be combined to make a whole, then it is better to go with the whole salami. To learn more about the nuances of "salami-slicing" in your discipline just pop this term into Google scholar and it will open your eyes.

Self-plagiarism resources

1. Bretag, T. & Mahmud, S. (2009). Self-Plagiarism or Appropriate Textual Re-use? Journal of Academic Ethics, 7:193–205 http://www.springerlink.com.ezproxy1.lib.asu.edu/content/256280445158v940/ [10]
2. Scanlon, P. M. (2007). Song From Myself: An Anatomy of Self-Plagiarism. vol. II. Ann Arbor, MI: Scholarly Publishing Office, University of Michigan Library http://hdl.handle.net/2027/spo.5240451.0002.007 [11] retrieved July 2010

Plagiarism tutorial

Take the Plagiarism Awareness: Don't Stumble Into it Accidentally! [12] tutorial. Upon completion of the tutorial you will be able to:

- Define and recognize plagiarism.
- Explain the importance of citation in the scholarly environment.
- Demonstrated strategies to avoid unintentional plagiarism.
- Recognize and explain the consequences of plagiarism.

Resources for citations

Visit the ASU Library citation styles [13] webpage as a reference for citing resources appropriately using APA, MLA, Chicago, or other citation-style guidelines. The site also offers exercises to help you practice the appropriate use of citations.

Contract cheating

Definition of contract cheating

Contract cheating is a type of academic dishonesty where a student asks another person to complete all or part of their work for them. The student may ask someone they know to write a paper for them, as a favor, or they may pay someone to do it. Regardless of whether money changes hands or not, presenting someone else's work as your own is always cheating.

What are some of the ways contract cheating negatively impacts you and the ASU community?

There are numerous ways in which contract cheating negatively impacts you, your fellow students, and the ASU community. Here are a few:

- You do not acquire any of the knowledge that your instructor intended for you to learn when you have someone else do your work. By doing so, you are taking away your opportunity to grow as a student and professional contract cheating is a very serious academic integrity violation which could result in suspension or expulsion permanently from the University.
- Students who complete their work on their own are disadvantaged by students who are cheating.
- When you ask someone to do work for you, you are asking them to cheat on your behalf. Your request for their help will lead to negative consequences for them as well.

What are some things I can do if I am overwhelmed and notice that I am becoming tempted by contract cheating?

Part of the learning process as a college student is to work your way through challenging times in an honest and ethical manner. Spending time prioritizing your assignments and engaging in good time management practices is ideal. However, you may still experience times where you feel overwhelmed by multiple deadlines and projects.

There are resources to support you:

- Communicate and/or meet with your instructor.
- Schedule an appointment to talk to your advisor.
- Meet with the Academic Integrity Officer [14] in your college/school.
- Utilize your college/school tutoring resources.
- Utilize the ASU resources [15] offered from the Dean of students' office.
- Contact the ASU First Year Success Center [16].
- Contact the International Students and Scholars Center [17].

Remember, it is better to do poorly on an assignment or even fail an examination than it would be to commit an academic integrity violation. The skills you develop working through challenging situations, enhances your resiliency and makes you an even more effective college graduate.

Source URL: https://provost.asu.edu/academic-integrity/resources/students

Links:
[1] https://provost.asu.edu/sites/default/files/2023-01/academic-integrity-infographic-11x17-web.pdf
[2] https://www.asu.edu/lib/tutorials/rise/academic-integrity/#/
[3] https://provost.asu.edu/academic-integrity/policy
[4] https://www.asu.edu/studentaffairs/studentlife/srr/
[5] https://tutoring.asu.edu/student-services/writing-centers
[6] https://libguides.asu.edu/citing
[7] https://students.asu.edu/academic-success
[8] https://wellness.asu.edu/
[9] https://libguides.asu.edu/CitationManagement
[10] http://www.springerlink.com.ezproxy1.lib.asu.edu/content/256280445158v940/
[11] http://hdl.handle.net/2027/spo.5240451.0002.007
[12] https://www.asu.edu/lib/tutorials/rise/plagiarism-awareness/#/
[13] https://libguides.asu.edu/c.php?g=263988&p=1762933
[14] https://provost.asu.edu/academic-integrity/officers
[15] https://eoss.asu.edu/resources
[16] https://success.asu.edu/
[17] https://issc.asu.edu/

Accelerated master's

How to apply

There are over a thousand accelerated master's degree options available at ASU. You may be able to choose a master's degree option from the same discipline as your undergraduate major or one from a different discipline.

What to expect

The accelerated master's program allows you to share up to 12 credit hours between your undergraduate and graduate degree requirements. You should start working with your advisor early, as a first-year student or sophomore, to make sure you're on track by your junior year.

Here is a sample of the milestones you should be achieving each year in order to be on the accelerated path to program completion.

1. Undergraduate **first** year:
    - Review the accelerated master's degree program options.
2. Undergraduate **sophomore** year:
    - Talk to an academic advisor to discuss your program of interest.
3. Undergraduate **junior** year:
    - Meet GPA and other requirements specific to your program of interest.
    - Meet with your accelerated program advisor to discuss the application process.
4. Undergraduate **senior** year:
    - Complete shared coursework and apply for admission to the graduate program.
    - Complete your undergraduate degree and be admitted to the graduate program.
5. **Graduate** year:
    - Complete your graduate degree program

List of accelerated master's program options

Because every program is specialized, the best way to determine if an accelerated master's program is right for you is to talk to an advisor. Most accelerated master's programs have different advisors for the undergraduate and graduate programs. The table below will help you find the right contact person.

Choose your program from the dropdown menu to view approved graduate programs paired with your undergraduate program. Scroll down and click "Apply" to filter the results and locate contact information.

[Archivist note: The accelerated master's tool could not be archived.]

Source URL: https://acceleratedmasters.asu.edu/how-apply

Student FAQ

Answers to frequently asked questions about the accelerated master's program at ASU.

Can I be in the accelerated master's program?
All current ASU undergraduate students are eligible to apply for a pre-approved Accelerated Master's program. Acceptance to become a candidate differs among programs, but generally requires a minimum GPA of 3.0, among other requirements. An advisor for the program of interest can provide their program-specific criteria.

How many graduate-level courses can I take as an undergraduate student that will count toward both my undergraduate degree and my graduate degree?
Most programs allow up to 12 credit hours of graduate-level courses as an undergraduate student [1] that will count toward both your undergraduate and graduate degree program requirements. Please contact the advisor of your desired program for more information.

How will participating in the accelerated master's program affect my financial aid?
Students in the undergraduate portion of the accelerated master's program pay undergraduate tuition. Financial aid awards for the undergraduate portion apply while the student is an undergraduate. Once they are admitted to the graduate program, they pay graduate tuition and have to utilize financial aid for graduate students. Students should contact Financial Aid and Scholarship Services [2] to inquire about their specific aid and the requirements to receive it while enrolled in the AM program.

Do accelerated master's students graduate with their bachelor's degree and master's degree at the same time?
No, they graduate with their bachelor's degree prior to finishing their graduate degree.

What happens if I begin taking graduate courses and decide I do not want to continue with the graduate degree?
The graduate-level courses completed to satisfy undergraduate degree requirements will still apply, and your graduation will not be delayed.

How can I register for graduate-level courses?
You will be granted course approval overrides by your advisor once you have been approved to be a program candidate.

Will I be automatically admitted to the graduate program once I am accepted to be an Accelerated Master's candidate and take graduate courses?
Students have to still apply to the graduate program as part of the regular ASU graduate school application. However, some application requirements may be waived for Accelerated Master's program students. The advisor can provide you specifics for their program.

When will I become a graduate student?
You will become a graduate student once you have been admitted to the graduate program and successfully completed your undergraduate degree. This is typically the semester after earning your bachelor's degree.

What if I don't see the program that I am interested in on the list of Accelerated Master's programs?
Programs are added to the list once they are approved. If your program of interest is not on the list, you cannot pursue it as part of the Accelerated Master's program. However, you can reach out to the advisor for that program to request for one to be approved so that you can participate in it (not guaranteed).

Source URL: https://acceleratedmasters.asu.edu/student-faq

Links:
[1] https://catalog.asu.edu/course_load#accelerated
[2] https://tuition.asu.edu/financial-aid

Artificial intelligence

Guidelines and resources

Teaching and learning with generative AI

Generative AI has the potential to address some of the biggest challenges in education today. Nonetheless, as educators and students, we face a new frontier as we navigate a world in which the distinction between content generated by AI and humans is rapidly blurring. To support these conversations, please visit the Provost resource page.

Learn More [1]

Digital trust guidelines for generative artificial intelligence use

Arizona State University is committed to the practice of Principled Innovation [2], embracing innovation with curiosity and wisdom.

During a Summer Series of Digital Trust in AI conversations, individuals from across the campus were brought together to identify appropriate considerations for the use of Generative Artificial Intelligence (genAI) at ASU. This group assembled guidelines that have been reviewed and approved by Enterprise Technology Digital Trust, Cybersecurity, AI Acceleration, Learning Experience and the Office of General Council.

Review the guidelines [3]

ASU career services and artificial intelligence

While it cannot predict every part of your career journey, Generative AI can offer a great starting point when it comes to research. It can help you explore careers relating to your interests and job searching methods, prepare for an interview and even tailor your resume to apply to specific positions. Interested in learning more about how AI can assist professional development? Read more about ASU Career Services' recommendations for AI use by visiting their website today.

Visit the site [4]

ASU guidelines and policies

ASU guidelines are formal statements of intent that reflect ASU’s goals and objectives. ASU policies communicate the requirements and expectations of the ASU community.

ACD 121: Privacy Rights of Students [5]
SSM 107-01: Release of Student Information [6]
ABOR 6-912: Access to or Disclosure of Personnel Records or Information [7]
ACD 811: Access to and Release of Official Personnel Records Information [8]
SPP 1101: Personnel Records [9]
ABOR 6-908: Intellectual Property Policy [10]
ACD 204-01: Code of Ethics [11]
ACD 204-02: Standards of Professional Conduct for Faculty Members and Academic Professionals [12]
SPP 801: Employee Conduct and Work Rules [13]
RSP 101: General Research Policy [14]
ASU Academic Integrity Policies and Standards [15]
ASU Research Integrity Policies and Standards [16]
ACD 125: Computer, Internet, and Electronic Communications Information Management Policy [17]
Syllabus Statements Concerning Use of Generative Artificial Intelligence (AI) [18]
Library AI Citation Guidelines [19]
How law students use GenAI tools [video] [20]

Source URL: https://ai.asu.edu/policy-and-resources

Links:
[1] https://provost.asu.edu/generative-ai
[2] https://president.asu.edu/watch/a-new-asu-design-aspiration-principled-innovation
[3] https://ai.asu.edu/digital-trust-guidelines
[4] https://career.eoss.asu.edu/channels/ai/
[5] https://public.powerdms.com/ASU/documents/1540282
[6] https://public.powerdms.com/ASU/documents/1560499
[7] https://public.powerdms.com/ABOR/documents/1499363
[8] https://public.powerdms.com/ASU/documents/1547149

[9] https://public.powerdms.com/ASU/documents/1560484
[10] https://public.powerdms.com/ABOR/documents/1499354
[11] https://public.powerdms.com/ASU/documents/1541094
[12] https://public.powerdms.com/ASU/documents/1541104
[13] https://public.powerdms.com/ASU/documents/1560471
[14] https://public.powerdms.com/ASU/documents/1559263
[15] https://provost.asu.edu/academic-integrity
[16] https://researchintegrity.asu.edu/
[17] https://public.powerdms.com/ASU/documents/1540286
[18] https://docs.google.com/document/d/1u9RGD8oU3e16XkdFNC6k8tgXIzYW2L7yZ2ELW5LfZqQ/edit
[19] https://libguides.asu.edu/c.php?g=1311696&p=9700102
[20] https://www.youtube.com/watch?v=PIJvjOi2kgg

Generative AI: FAQs

What is Generative AI? What is ChatGPT? What can they do?
Generative AI is a broad term that refers to a type of artificial intelligence (AI) application that is designed to use a variety of machine learning (ML) algorithms to create new content (text, images, video, music, artwork, synthetic data, etc.) based on user input that was not explicitly programmed into the AI application. Generative AI systems are “trained” by using complex algorithms to learn from an existing large corpus of datasets (often consisting of millions of examples) and to analyze patterns, rules, and statistical structures from the sample data to be used in generating new content that is similar in style and characteristics to the original training datasets.

There are many different types of generative AI applications and models, and while they might share a similar high-level definition of creating new content based on large sets of training data, they often represent completely different machine learning models and underlying neural network technologies and approaches to generating new content. You may have heard of recent popular examples of generative AI such as ChatGPT, DALL-E or StableDiffusion. While these are all examples of generative AI applications, DALL-E and StableDiffusion are text-to-image generators that use a type of neural network called generative adversarial network, or GAN, to create a new image based on two systems (a generator and discriminator) surfacing an image of best fit based on the input parameters. By contrast, ChatGPT builds a transformer-based language model from a Generative Pre-trained Transformer, or GPT, in order to process sequential data, such as language, and then calculate the most probable words that will follow in a sequenced response. Generative AI and the broader classification of artificial intelligence have been identified by UNESCO [1] as having the potential to "address some of the biggest challenges in education today, innovate teaching and learning practices, and accelerate progress" as well as call for a human-centered approach in order to respond to inequalities

Will I get accused of cheating if I use AI tools?
Before using AI tools in your coursework, confer with your instructor about their class policy for using AI tools.

How do I find out about tools I can or cannot use?
Before using AI tools in your coursework, confer with your instructor about their class policy for using AI tools.

Is text (including citations) produced by generative AI accurate?
The accuracy and quality of text produced by Generative AI varies. You should not depend on the accuracy for work that is to be turned in as an assignment.

Can generative AI create anything besides text?
Yes, Generative AI can produce text, images, sound, code, and work with data.

How should I cite the use of generative AI in a work product?
Begin by talking to your professor about their expectations for how to properly cite in your coursework. You can also reach out to the ASU Library and research what specific citation styles (e.g., APA, MLA, IEEE, etc.) advise by visiting their web sites.

Source URL: https://provost.asu.edu/generative-ai/faqs

Links:
[1] https://www.unesco.org/en/digital-education/artificial-intelligence

Attendance

The instructor has full authority to decide whether class attendance is required.

Source URL: https://catalog.asu.edu/attendance

Concurrent degrees (double majors)

Request to add an additional major that fits your academic and career goals

Step 1: Determine interest

Interested in pursuing an additional degree? Concurrent degrees, sometimes called “double majors,” allow students to earn two distinct degrees and receive two diplomas, while pursuing their unique personal or professional interests.

Step 2: Review the concurrent degree policies

While there are many degree combinations for you to choose from to meet your academic goals, there are some college policies that might affect when you can add another major or which majors can be paired together. View the specific policies of your college, and the college of the major you’d like to add, here.

All requirements for both degrees must be satisfied before either degree can be conferred.

View policies [1]

Step 3: Submit a request

Submit a request to add an additional major to your academic plan or to be contacted with more information. You can track the progress of your request by viewing My Requests from your My ASU [2] Help tab.

Add major [3]

Disclaimer

Both your current major and your requested concurrent major must approve your request. Pursuing multiple degrees could result in additional time to graduate which could affect cost and financial aid.
Only active degree-seeking undergraduate students can request to add a concurrent major. Please be advised that requests may be denied if you have less than 30 completed credit hours.

Want to explore other options?

Change your current major [4]
Looking to change your current major instead? Submit a change of major request.

Explore accelerated degrees [5]
Combine undergraduate degree requirements with graduate coursework, resulting in faster completion of both a bachelor’s and master’s degree.

Add a minor [6]
Consider adding a minor to enhance your current academic program.

Add a certificate [7]
Concurrent degree too much? Explore adding a certificate to your current academic program.

Source URL: https://students.asu.edu/concurrent-degrees

Links:
[1] https://catalog.asu.edu/policies/college
[2] https://my.asu.edu/
[3] https://changemajor.apps.asu.edu/concurrent
[4] https://changingmajors.asu.edu/
[5] https://acceleratedmasters.asu.edu/
[6] https://changemajor.apps.asu.edu/minors
[7] https://changemajor.apps.asu.edu/certs

Classification of courses

Course numbering system

Lower-division courses

Lower-division courses, numbered from 100 to 299, are designed primarily for first-year students and sophomores. Certain classes are closed to first-year students who lack the designated prerequisites or whose majors are outside the units offering the courses. This information is available in the course catalog [1] or from the student's academic advisor.

Upper-division courses

Upper-division courses, numbered from 300 to 499, are designed primarily for juniors and seniors. Prerequisites and other restrictions should be noted before registration. Courses at the 400 level apply to graduate degree requirements for some graduate programs when approved by the Graduate College.

Graduate-level courses

Graduate-level courses, numbered from 500 to 799, are designed primarily for graduate students. However, an upper-division undergraduate student may enroll in courses numbered 500–599 with the approval of the student's advisor, course instructor, department chair and dean of the college in which a course is offered. If such a course does not meet an undergraduate graduation requirement, it may be eligible for use in a future graduate program on the same basis as work taken by a nondegree-seeking graduate student. Undergraduate students should review additional information about graduate credits earned by undergraduate students [2].

Omnibus courses

Omnibus numbers are used for courses offered on an experimental or tutorial basis or for courses in which the content is new or periodically changes. Each academic unit uses that unit's prefixes with omnibus course numbers. The general nature of the work required for a particular omnibus course is consistent from unit to unit, but subject matter varies. Omnibus courses often are offered for a variable number of credit hours.

Within the academic catalog and course catalog, abbreviations are frequently used with a colon to introduce specific omnibus course topics, which are shown in the omnibus course abbreviations chart below (e.g., MGT 494 ST: Cultural Factors in International Business).

Omnibus course abbreviations		
Abbreviation	**Title**	**Number**
AP	Applied Project	593, 693, 793
CW	Conference and Workshop	594
FW	Fieldwork	583, 683, 783
FYS	First-Year Seminar	191
HC	Honors Colloquium	497
I	Internship	484, 584, 684, 784
P	Practicum	580, 680, 780
PS	Pro-Seminar	498
R	Research	592, 692, 792
RC	Reading and Conference	590, 690, 790
RM	Research Methods	500, 600, 700
S	Seminar	591, 691, 791
ST	Special Topics	194, 294, 394, 494, 598

Omnibus undergraduate courses

191 First-Year Seminar (1-3)

Small course emphasizing student-faculty discussion and interaction.

194, 294, 394, 494 Special Topics (0.25-4)

Covers topics of immediate or special interest to a faculty member and students.

484 Internship (1-12)

Structured practical experience following a contract or plan, supervised by faculty and practitioners.

498 Pro-Seminar (1-7)

Small-group study and research for advanced students within their majors.

499 Individualized Instruction (1-3)

Provides an opportunity for original study or investigation in the major or field of specialization, on an individual and more autonomous basis.

Honors courses

These courses and all with the HON prefix are reserved for students in Barrett, The Honors College.

298 Honors Directed Study (1-6)

Independent study or practicum under the supervision of a faculty member.

492 Honors Directed Study (1-6)

Independent study in which a student, under the supervision of a faculty member, conducts research or creative work that is expected to lead to an undergraduate honors thesis or creative project.

493 Honors Thesis (1-6)

Supervised research or creative activity focused on preparation and completion of an undergraduate honors thesis or creative project.

497 Honors Colloquium (1-6)

A class emphasizing discussion, written and/or oral presentation by students, and active participation.

Omnibus graduate courses

The following courses are described in the Graduate College announcements and are also available from their respective departments. Under special circumstances, at the dean's request and through the approval of the executive vice president and provost of the university, arrangements may be made to increase the standard number of credit hours.

500, 600, 700 Research Methods (1-12)

Course on research methods in a specific discipline.

580, 680, 780 Practicum (1-12)

Structured practical experience in a professional program, supervised by a practitioner or faculty member with whom the student works closely.

583, 683, 783 Fieldwork (1-12)

Structured, supervised field experience in a field science or other discipline requiring experience in field techniques.

584, 684, 784 Internship (1-12)

Structured practical experience following a contract or plan, supervised by faculty and practitioners.

590, 690, 790 Reading and Conference (1-12)

Independent study in which a student meets regularly with a faculty member to discuss assignments. Course may include such assignments as intensive reading in a specialized area, writing a synthesis of literature on a specified topic or writing a literature review of a topic.

591, 691, 791 Seminar (1-12)

A small class emphasizing discussion, presentations by students and written research papers.

592, 692 Research (1-12)

Independent study in which a student, under the supervision of a faculty member, conducts research that is expected to lead to a specific project such as a thesis or dissertation, report, or publication. Assignments might include data collection, experimental work, data analysis or preparation of a manuscript.

593, 693, 793 Applied Project (1-12)

Preparation of a supervised applied project that is a graduation requirement in some professional majors.

594 Conference and Workshop (1-12)

Topical instruction, usually in compressed format, leading to academic credit. Often offered off campus to groups of professionals.

595, 695, 795 Continuing Registration (1)

Used in situations where registration is necessary but where credit is not needed. Replaces arbitrary enrollment in reading and conference, research, thesis, dissertation, etc. Used by students when taking comprehensive examinations, defending theses or dissertations, or fulfilling the continuous enrollment requirement in doctoral programs. Credit is not awarded and no grade is assigned.

598 Special Topics (1-4)

Topical courses not offered in regular course rotation (e.g., new courses not in the catalog, courses by visiting faculty, courses on timely topics and highly specialized courses responding to unique student demand).

599 Thesis (1-12)

Supervised research focused on preparation of a thesis, including literature review, research, data collection and analysis, and writing.

792 Research (1-15)

Independent study in which a student, under the supervision of a faculty member, conducts research that is expected to lead to a specific project such as a dissertation, report or publication. Assignments might include data collection, experimental work, data analysis or preparation of a manuscript.

799 Dissertation (1-15)

Supervised research focused on preparation of a dissertation, including literature review, research, data collection and analysis, and writing.

Other subjects

Visiting student program

The numbers 597, 697 and 797 in the LAW subject are reserved for the visiting student program in the Sandra Day O'Connor College of Law.

Global education programs

Courses with the subject SAO are reserved for participants in programs offered through the Global Education Office [3]. Courses with an SAO subject are used in two ways: either to provide general university elective credit for specific programs or courses, or as a placeholder course for participation in partnership and exchange programs.

In the case of a placeholder course, the course remains on the student's academic record until the student's record is updated by the Global Education Office following completion of the student's study abroad program. The SAO-subject course is then dropped from the student's record and replaced with the ASU courses, credits and grades equivalent to the coursework completed abroad. Students must register for at least the number of credit hours equivalent to full-time study at ASU (i.e., 12 credit hours for undergraduate students and nine credit hours for graduate students during the fall and spring semesters, or one to six credit hours during the summer session). Students participating in a GEO partnership program must register for the subtopic SAO: Study Abroad Program, whereas participants in an GEO exchange program must register for the subtopic SAO: Exchange Program. The SAO placeholder course is not an indication of the level of coursework or the total number of credit hours the student may complete abroad.

Courses completed as part of these programs that do not have direct ASU course equivalencies are awarded "department elective" credit, using a respective subject with a course number of 1DE, 2DE, 3DE or 4DE. Lower-division courses at the 100 level are given 1DE, and 200 level are given 2DE. Upper-division courses at the 300 level are given 3DE, and 400 level are given 4DE.

Source URL: https://catalog.asu.edu/course_classification

Links:
[1] https://catalog.apps.asu.edu/catalog/courses
[2] https://catalog.asu.edu/course_load
[3] https://goglobal.asu.edu/

Distance education-specific policies

University policies

The U.S. Department of Education requires that certain information be disclosed in a clear, prominent, user-friendly and easily understood manner. The intent of the requirement is to enable students to make an informed choice.
Learn about complaint filing and resolution at Arizona State University, as well as out-of-state student policies, international students policies, and credit transfer and refund policies below.

ASU complaint procedure

ASU is committed to the success of each student and strives to resolve issues that may arise. All ASU distance education students should attempt to resolve complaints with the university through the university process first before contacting external agencies.

Available processes and links to policies and contacts are listed below.

University process

ASU greatly values the student experience and expects all students to adhere to the Student Code of Conduct [1]. Please refer to the Student Code of Conduct for student expectations and rights.

When an issue is brought to our attention, ASU takes appropriate action to seek resolution.

Academic issues

For academic concerns, a student is encouraged to first speak with the course instructor. If an issue cannot be resolved at that level, a student may contact the appropriate college or school for guidance on how to proceed. Please refer to our list of colleges and schools [2] for more information.

Non-academic issues

For non-academic concerns, please contact the Dean of Students [3]. The Office of Student Rights and Responsibilities is responsible for reviewing and handling student disciplinary incident reports.

Non-academic issues not resolved by the university process

ASU is an institutional participant of the State Authorization Reciprocity Agreement (SARA). If an issue has not been satisfactorily resolved through the university's internal process, a distance education student may submit a non-academic complaint to the Arizona SARA Council by filing a complaint form [4].

Instructional complaints, such as grade grievances, are not reviewed by the council and should not be submitted for resolution.

Students located in American Samoa, California and Guam may not submit a complaint to the council. These territories and states do not participate in SARA.

Other agencies

A student may contact higher education regulatory agencies, accrediting agencies or consumer protection agencies for specific issues that are unresolved through the university process.

Arizona Board of Regents

If an issue submitted by a student is unresolved and involves a complaint arising under state law, an Arizona Board of Regents policy or any other matter, the student may contact the Arizona Board of Regents [5] (in accordance with 75 Fed. Reg. 66865-66, October 29, 2010).

Accrediting agencies

ASU is accredited by the Higher Learning Commission (HLC) [6]. If an issue is unable to be resolved through the university process, a student may follow the HLC complaint process [7].

For specialized accreditation, please see this page [8].

International students

ASU works to provide global access to its online degree programs. While requirements related to authorization and licensure are carefully tracked, it is the student's responsibility to understand the requirements for whether an online degree will be recognized in the country in which the student intends to work; how the collection of student data may be used in that country; and whether there are any tax implications in addition to the price of tuition.

Several countries will not formally recognize foreign online degrees, which may have implications for students who later seek to enroll in other educational programs, or for those who seek employment in another country's government or employers requiring specific credentials. International students considering an academic program that leads to a professional license should first confirm with the appropriate professional licensing board in the country in which the student intends to work as to whether a degree from ASU is recognized when seeking licensure or certification.

Professional licensure

There are certain careers or fields that require professional license to practice, and licensure requirements vary by state. ASU's professional licensure programs are designed to prepare students for a license in the State of Arizona. Students who wish to practice in a state other than Arizona should check the professional licensure each session for the most up-to-date information.

Professional licensure info [9]

Residency and student location

Course and program availability varies by state. Admission into a program is granted at the time of initial acceptance into the program and is dependent on program availability in the state where the student **is physically located** at the time of admission.

If a student moves to a different state after admission to the program, continuation within the program will depend on the availability of the program within the new state where the student is physically present. Relocating may impact whether a student can remain in the program, meet the state licensure requirements and/or continue to receive financial aid funding. Prior to considering relocation, please contact your program advisor to discuss authorization and licensure eligibility requirements. It is the student's responsibility to notify the institution of a change in physical location.

MILITARY PERSONNEL: The state where military personnel are stationed will determine whether they may enroll or continue in an ASU Online program.

Transfer of credit

ASU does not imply, promise or guarantee that credits earned at the university will transfer to other institutions, since such determinations are made according to the policies of the receiving institution. If a student is considering transferring to another school, prior to such transfer, the student will need to work with that school to determine if ASU's academic credits will be accepted.

Some medical schools and other health science schools may require additional information for alternative classroom experiences, such as online courses. Students may be asked to provide detailed information about the course or courses that transfer credit is being sought for and provide evidence to the requesting institution of the textbook and topics covered that can be found in a complete syllabus.

Learn more about being a transfer student [10]

Questions about university policies?

For additional information, please email: askcompliance@asu.edu

Source URL: https://asuonline.asu.edu/about-us/policies

Links:
[1] https://eoss.asu.edu/dos/srr/codeofconduct
[2] https://www.asu.edu/about/colleges-and-schools
[3] https://eoss.asu.edu/dos/srr/filingreport
[4] https://azsara.arizona.edu/complaints
[5] https://www.azregents.edu/
[6] https://www.hlcommission.org/
[7] https://www.hlcommission.org/Student-Resources/complaints.html
[8] https://provost.asu.edu/accreditation/programs-specialized-accreditation
[9] https://admission.asu.edu/academics/licensure
[10] https://asuonline.asu.edu/admission/transfer/

Enrollment and degree verification

Arizona State University is frequently asked to certify a student's earned degrees and/or enrollment status (full-time, part-time, etc.). Enrollment status is determined by the number of credits for which a student is enrolled during the term in which certification is requested. Courses a student has withdrawn from are not included. Classes taken for audit are included in total enrolled hours. A student's enrollment status is also based on university policy and federal regulations. ASU reports enrollment status (i.e., full-time, half-time) to the National Student Clearinghouse multiple times each semester. The enrollment statuses reported are based on federal regulations and are defined in the financial aid load tables below.

Obtain an enrollment or degree verification as a current or former student:

1. Log in to My ASU [1] and navigate to the My Classes box
2. Select Grades & Transcripts
3. Select Transcripts & Test Scores
4. Select Enrollment Verification

If you need special information on your Enrollment Verification, or if you need a specialty verification form completed such as the Canadian or Alaskan form, submit an Enrollment Verification Request [2] form at any University Registrar Services location [3] (photo ID required for in-person visits). Requests by email, mail or fax must include the student's verifiable signature. Please allow up to two business days for processing.

For students that attended the Thunderbird School of Global Management prior to December 31, 2014, information on how to obtain verification of your Thunderbird coursework or degree can be found here [4].

Enrollment & degree verification for outside agencies and third parties

ASU has contracted with the National Student Clearinghouse [5] to process all enrollment and degree verification requests for employers, employment agencies, background search firms, and various other businesses that offer products or services based on the individual's status as an enrolled student.

- If you need assistance, contact National Student Clearinghouse [5] directly at 703-742-4200.
- If the National Student Clearinghouse can confirm the degree or enrollment, the response is immediate and requestors will be able to print or obtain a PDF version of the verification.
- Enrollment verifications for each term will be available starting the first week of classes for that term.
- A fee will be charged for this service.

Enrollment status defined

Undergraduate students

Academic load

Term	Full-time	3/4 time	Half time	Less than half time
Fall & Spring	12+ credits	9-11 credits	6-8 credits	1-5 credits
Summer	4+ credits	N/A	2-3 credits	1 credit

Financial aid load

Term	Full-time	3/4 time	Half time	Less than half time
Fall & Spring	12+ credits	9-11 credits	6-8 credits	1-5 credits
Summer	12+ credits	9-11 credits	6-8 credits	1-5 credits

Graduate & law students

Academic load

Term	Full-time	3/4 time	Half time	Less than half time
Fall & Spring	9+ credits	7-8 credits	5-6 credits	1-4 credits
Summer	3+ credits	N/A	2 credits	1 credit

Financial Aid load

Term	Full-time	3/4 time	Half time	Less than half time
Fall & Spring	9+ credits	7-8 credits	5-6 credits	1-4 credits
Summer	9+ credits	7-8 credits	5-6 credits	1-4 credits

Financial Aid Recipients: Full-time and half-time credit requirements may be different for financial aid disbursement purposes. Please review the Award Disbursement Rules [6] to determine the required enrolled hours needed for financial aid disbursement.

If you have questions or need additional information, please contact University Registrar Services, Records & Enrollment Services at registrar@asu.edu.

Source URL: https://registrar.asu.edu/enrollment-verification

Links:
[1] https://webapp4.asu.edu/myasu/
[2] https://registrar.asu.edu/forms/enrollment-verification
[3] https://registrar.asu.edu/contact/office-university-registrar
[4] https://asu.my.salesforce-sites.com/kb/articles/FAQ/How-Do-I-Request-Thunderbird-School-of-Global-Management-Enrollment-and-Degree-Verification/?q=thunderbird+enrollment&l=en_US&fs=Search&pn=1
[5] https://nscverifications.org/
[6] https://tuition.asu.edu/financial-aid/disbursement

Glossary of academic terms

Student academic status terms

University academic good standing (undergraduate) [1]
2.00 cumulative GPA

- College-specific academic good standing rules can be developed; the college name in a policy title differentiates it from university policy. Example: W. P. Carey School of Business academic good standing.

University academic warning
An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester (fall or spring) is considered to be in the status of university academic warning.

University academic probation [2]
An undergraduate student is placed on university academic probation if, at the end of a semester (fall or spring) that is not the student's first semester at ASU, the student has a cumulative GPA of less than 2.00, or the student received an academic warning in the prior term.

- Colleges may establish specific criteria for their own academic probation status; the college name in a policy title differentiates it from university policy. The college academic probation status may take the place of university academic probation but may not replace the university academic warning. Example: Ira A. Fulton Schools of Engineering academic probation.

University continuing academic probation [2]
A student is said to be on university continuing academic probation each semester (fall or spring) that student (previously on university academic probation) earns a semester GPA greater than 2.00, but yet has a cumulative GPA of less than 2.00.

- Colleges may establish individual time limits and specific semester GPA requirements for continuing academic probation; they are defined as "[College Name] continuing academic probation".

Co-enrolled continuing probation program [3]
Select disqualified students may participate in the co-enrolled continuing probation program at the discretion of their college or school. Under this program, the student takes the academic refresher course UNI 220 Mindset Connections plus one ASU course selected by the student’s advisor, and the student co-enrolls at a Maricopa Community College with a schedule selected in consultation with the ASU advisor. If, upon completion of the term, the student has a combined

semester cumulative GPA of 2.50, the student may continue regular enrollment at ASU. Parameters regarding the number of co-enrolled hours required are at the discretion of each college or school.

Ineligible
A college designation for a student on university continuing academic probation who is not permitted to continue in the major based on college-specific academic requirements. The student may remain an ASU student, but is required to change their major. College-specific procedures are located on their college policies [4].

Disqualified [5]
A student on university academic probation who does not earn a semester GPA of 2.00 or greater (fall or spring) will be disqualified. Students who are disqualified are not permitted to enroll at ASU in any subsequent fall or spring semester unless they are readmitted.

Catalog year
A catalog year runs from fall through summer, and a student who enters during the fall or spring semester follows the policies and requirements in effect for that catalog year. For example, catalog year 2024-2025 is the catalog year for students who enter in fall 2024 or spring 2025. Students who enter for the first time during the summer term follow the requirements in effect for the subsequent catalog year.

In most cases, a student's catalog year is the year in which they started at ASU. Students may be in a different catalog year for a variety of reasons, including:

- change of major
- continuous enrollment in an Arizona community college or public university
- student request to move to a newer catalog year
- significant changes to curriculum either due to accreditation or rapid changes to subject matter

More information and conditions of continuous enrollment can be found at Guidelines for Determination of Catalog Year [6].

General Studies Gold
General studies requirements [7] for undergraduate students beginning with the 2024-25 catalog year.

General Studies Maroon
General studies requirements [8] for undergraduate students up through the 2023-24 catalog year.

Satisfactory progress [9]
This term is used in different ways for students, such as with regard to financial aid, sponsored international programs, athletics and veterans' benefits. Satisfactory progress is a complex calculation specific to major and situation. This term does not refer to academic standing.

Progression [9]
This term refers to how a student meets milestones and degree requirements in movement toward achieving degree completion. This term does not refer to academic standing.

Quick re-entry [10]
The term quick re-entry refers to a streamlined process in which students do not need to submit a new application or application fee if they are undergraduate degree-seeking students who previously attended ASU but have not been enrolled at ASU for up to seven consecutive fall or spring semesters. Students absent on military deployment, on service for official church missions, for foreign aid service of the Federal government, or for permanent disability reasons should follow leave of absence [11] procedures. Students who have not remained continuously enrolled [12] may have their catalog year adjusted upon quick re-entry.

Reinstatement [13]
A student who has previously been academically disqualified and seeks to return either for a fall or spring semester a) immediately or b) after a period of absence and has met college admission standards.

Readmitted [14]
Students not eligible for quick re-entry (i.e., because they have not been enrolled at ASU for seven or more semesters, completed their academic program or were academically disqualified), must apply for readmission and submit applicable fees. Candidates for readmission who are not in academic good standing are subject to college review. A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible.

eAdvisor terms

eAdvisor [15]
A suite of tools used to monitor student progression towards degree completion, including Degree Search, major maps and the tracking of critical and necessary requirements (eight semester tracking application).

Academic year
The university year, counted as a fall semester and the following spring semester and can also include the following summer semester. Example: the 2024-25 academic year consists of the Fall 2024 semester, Spring 2025 semester and Summer 2025 semester.

Major map
A major map is an eight-semester, optimal course plan that outlines a recommended sequence of courses, enabling full-time students to graduate in four years. The major map is posted on a student's My ASU in the My Programs box under Degree Progress.

eAdvisor tracking
ASU's eAdvisor tracking outlines critical courses, GPA requirements and milestones that predict success in each major and tracks students' progress toward meeting them. Sometimes called critical tracking, eAdvisor tracking evaluates how a student's completed courses meet degree requirements in a specific term, including both critical and necessary courses. Students who have not completed critical course requirements for two consecutive fall or spring semesters may be required to change their major.

Critical requirement [16]
As identified on the major map, a curricular or noncurricular degree requirement that the faculty have identified as critical predictors of success in a specific major. Critical requirements can be courses, grades, GPAs or noncurricular requirements such as submitting a fingerprint clearance card. Critical requirements appear in terms 1-4.

Necessary requirement
As identified on the major map, a curricular or noncurricular degree requirement that the faculty have identified as necessary for timely completion of degree requirements. Necessary requirements appear in terms 5-8.

Off track
This refers to a student who has not met one or more critical requirements as stated in terms 1-4, or one or more necessary requirements in terms 5-8 of their major map in a given fall or spring semester.

Twice off track
This refers to a student who has not met one or more critical requirements as stated in terms 1-4 of their major map in two consecutive fall or spring semesters. Students who are twice off track may be required to change their major.

On track
This refers to a student who has met all critical requirements identified in terms 1-4 or all necessary requirements in terms 5-8 of the major map in the current term and previous terms against which they are being evaluated.

Academic status reports
ASRs allow faculty to provide weekly feedback to students regarding class performance. Through My ASU [17], students see an indicator notifying them that they have received an ASR, which can include suggested follow-up items and information about academic resources so that they can get the help they need to be successful.

Academic support team
Each student has an academic advising committee that helps them set personal academic goals, understand policies and create strategies for staying on track toward graduation. The committee is listed on the student's My ASU page. Also included is information about how advising services work in the student's department, how to get answers to advising questions, and how to make an appointment with an advisor.

Milestone
This is a curricular or noncurricular requirement that needs to be completed by a specific point in time. Examples: portfolio review or audition.

Progress reports
Progress reports from eAdvisor allow students to track their progress through audits available on My ASU [17]. The Graduation Audit (DARS) outlines a complete list of degree requirements, including university graduation requirements, general studies and major requirements. The DARS Graduation Audit is the official record used to verify degree completion. A major map is an eight-semester, optimal course plan that outlines a recommended sequence of courses, enabling full-time students to graduate in four years.

In addition to traditional progress reports, eAdvisor students can run a critical requirement audit and view their tracking status in My Major Map at any time during the semester. My Major Map, also available on My ASU, provides students the ability to track how their courses are meeting degree requirements as well as their progress toward completing other critical requirements (GPAs and milestones required to stay on track).

A student’s record may change multiple times during the semester because of dropped courses, transferred credit, completed milestones or changed majors. The system accounts for changes to student records and updates eAdvisor status, My Major Map and the DARS Graduation Audit nightly.

Priority tasks
eAdvisor places important notes and reminders in the Priority Tasks box on students' My ASU page. If students become off track, an advising hold is placed on their record. While they may drop and withdraw from a course, they will not be able to add courses to the current semester. Students with off-track status will not be able to register for future fall and spring semesters until they have contacted their advisor and discussed strategies for getting back on track. The advisor will then remove the hold. Other tasks, from student support areas such as Financial Aid and the Registrar’s Office also appear in this box.

Course terms

Crosslisting
The same course offered under more than one subject, may be offered by more than one college or department, and may have different course numbers. Students get credit for only one course in the pair or group of crosslisted courses. Some programs may require students to enroll in a course under a certain subject to properly receive credit.
Examples: CDE 350/SOC 350 and AFR 363/HST 333

Corequisite
A course that must be taken while taking another course at the same time. Example: a lab that is required to be taken with a lecture.

Prerequisite
A requirement to be met before registering for a course, such as completing another particular course.

Omnibus course
A course offered on an experimental or tutorial basis, or in which the content is new or periodically changes is termed an omnibus course. The Classification of Courses Policy [18] contains more information about omnibus courses.

Subject [19]
The three-letter code that denotes the subject of a set of courses; sometimes referred to as a prefix.

Examples: AMS = American Studies; EEE = Electrical Engineering; SSP = Sports Science and Performance Programming

Program and degree terms

Accelerated master's program [20]
Accelerated bachelor's plus master's degree programs are designed for high-achieving undergraduate students who want the opportunity to share undergraduate coursework with graduate coursework to accelerate completion of their master's degree. These programs feature the same high-quality curriculum taught by ASU's world-renowned faculty. These programs are preapproved combinations and are internal to ASU.

The terms 4+1 and 3+2 have been phased out, effective Fall 2023.

Concurrent degree [21]
Internal to the university, two degrees, same level, same time, and may include some shared courses. Concurrent degrees can either be preapproved combinations or unique combinations added by the student through an approval process. Examples: JD/PhD or BS/BSE. Two diplomas are awarded.

Disestablished program
A disestablished program is a major, minor or certificate which the institution has chosen to discontinue. Upon the effective term and year of disestablishment, ASU may choose to stop admitting new students into the program. This includes current ASU students seeking to change into the disestablished major, to add the disestablished major as a concurrent degree, or to add the disestablished minor or certificate. Active students in a disestablished program have a period of four academic years to complete the program requirements. This includes active, not enrolled students typically eligible for quick re-entry. Students choosing quick re-entry to the institution after a period of nonenrollment cannot re-enroll in a disestablished program if four academic years have passed since the effective term of disestablishment.

Students who have not completed the requirements for a disestablished program four academic years after disestablishment will be changed administratively to a different major, or have the minor or certificate removed from their record.

Dual degree
This is an offering that is both internal and external to ASU. The student pursues two degrees simultaneously, one with ASU and one with an external institution. Example: ASU and Mayo Clinic.

Exploratory program
Exploratory programs [22] are non-degree granting programs that allow students to explore their interests in different major areas before they formally declare a major. Students formally declare their major by the time they have accumulated 45 credit hours.

Honors program
Offered by Barrett, the Honors College [23], an honors program gives academically outstanding undergraduate students opportunities to enhance their degree program with an intellectually rigorous honors curriculum and resources only available to Barrett students. Upon graduation, students who complete the Barrett requirements along with their major requirements are awarded an honors endorsement on their transcript.

Joint degree
Joint programs, or jointly conferred degrees, are a single program of study offered by more than one college at ASU that provide opportunities for students to take advantage of the academic strengths of two or more academic units. Upon graduation, students are awarded one degree and one diploma conferred by both colleges. Both colleges will appear on the transcript and diploma.

Multiple concentration
Internal to the university, one degree awarded, same level, same time, some shared courses. For undergraduate degrees with multiple concentrations, students may not share coursework between the core concentration curricula. Multiple concentrations are typically added through an approval process. Example: Business (Global Leadership), BA and Business (Sustainability), BA.

Learning modality terms

ASU Local
ASU Local [24] programs combine the high-quality academics of ASU degrees offered online with in-person coaching and academic support. In addition to online learning, students also participate in two-day, local signature experiences, which are designed to harness the essence of the local community. An ASU Local coach is provided on-site and in-person to assist students with guidance, support and development of success skills.

ASU Sync
ASU Sync [25] programs utilize synchronous online courses, meaning students learn online, but the courses are scheduled at certain dates and times so that all students attend live classes together via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers.

Experiential learning
Experiential learning such as internships and co-ops are integral to the preparation of an ASU graduate.

- An internship is a structured practical experience, which allows students to gain work-based skills with the possibility of earning academic credit. Students follow a contract or a plan and are supervised by faculty or practitioners in the career field. Credit-bearing internships are an approved way to meet elective requirements and can count towards the university 120 credit hour graduation requirement at the bachelor's degree level. The department and individual faculty determine whether or not a specific internship experience meets the requirements of the unit and how many credit hours should be awarded.
- A cooperative education program, commonly known as a co-op, is a structured method of combining classroom-based education with practical work experience. Co-ops allow students to earn academic credit for structured job experience as well as a paycheck to help finance their college education. Co-ops are a joint venture between a college or university, a selected employer, and the student.

Source URL: https://catalog.asu.edu/glossary

Links:
[1] https://catalog.asu.edu/retention_standing#goodstanding
[2] https://catalog.asu.edu/retention_standing#probation
[3] https://catalog.asu.edu/retention_standing#coenrolled
[4] https://catalog.asu.edu/policies/college
[5] https://catalog.asu.edu/retention_standing#disqualified
[6] https://catalog.asu.edu/undergraduatereq#catalogyear
[7] https://catalog.asu.edu/ug_gsr
[8] https://catalog.asu.edu/ug_gsr#general_studies_maroon
[9] https://catalog.asu.edu/retention_standing#progress
[10] https://admission.asu.edu/undergrad/readmission
[11] https://students.asu.edu/leave-absence
[12] https://catalog.asu.edu/undergraduatereq#catalogyear
[13] https://catalog.asu.edu/retention_standing#reinstatement

[14] https://admission.asu.edu/undergrad/readmission
[15] https://eadvisor.asu.edu/
[16] https://catalog.asu.edu/undergraduatereq/#eadvisor
[17] https://my.asu.edu/
[18] https://catalog.asu.edu/course_classification#omnibus
[19] https://catalog.apps.asu.edu/catalog/courses/courselist/browsebysubject
[20] https://acceleratedmasters.asu.edu/
[21] https://catalog.asu.edu/undergraduatereq/#concurrent
[22] https://degrees.apps.asu.edu/bachelors/major-list/keyword/exploratory
[23] https://barretthonors.asu.edu/
[24] https://asulocal.asu.edu/
[25] https://provost.asu.edu/sync/students

Grades and grading policies

Credit enrollment

The semester hour is the unit on which credit is computed. It represents one 50-minute class exercise per week per semester. To obtain credit, a student must be properly registered and must pay fees for the course.

Grading options and definitions

Ordinarily a grade of "A+," "A," "A-," "B+," " B," "B-," "C+," "C," "D," or "E" is given upon completion of a course, unless another grading option such as "audit" or "pass/fail" is indicated at the time of registration. *Grading options cannot be changed after the close of the add period.*

The instructor of a course has full discretion in selecting which grades to use and report from the available grading options on the grade roster.

Fall 2004 and After1			
Grade	***Undergraduate Definition***	***Graduate Definition***	***Value***
A+			4.33
A	Excellent	Excellent	4.00
A-			3.67
B+			3.33
B	Good	Good	3.00
B-			2.67
C+			2.33
C	Average	Passing	2.00
D	Passing	No Graduate Credit	1.00
E	Failure	Failure	0.00
EN	Failing Never Participated2	Failing Never Participated2	0.00
EU	Failing Did Not Complete3	Failing Did Not Complete3	0.00
I	Incomplete	Incomplete	—
NR	No Report	No Report	—
P	Pass	n/a4	—
W	Withdrawal	Withdrawal	—
X	Audit	Audit	—
Y	Satisfactory	Satisfactory	—
Z	Course In Progress	Course In Progress	—
XE	Academic Dishonesty	Academic Dishonesty	0.00

1 Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00. Questions about the grade scales may be referred to the University Registrar Services at registrar@asu.edu. For grading scales prior to fall 2004 click here [1].

2 Effective fall 2016 and later.

3 Effective fall 2019 and later.

4 Not applicable for graduate classes.

Law Grading				
Fall 2009 and after			Fall 2009 and after Additional Grades	
A+		4.33	CR	Credit
A	Excellent	4.00	NR	No Report
A-		3.67	P	Pass
B+		3.33	X	Audit
B	Good	3.00	W	Withdrawal
B-		2.67	I	Incomplete
C+		2.33	H	Honors
C	Average	2.00	HH	High Honors
D	Deficient	1.00	XE	Academic Dishonesty
E	Failing	0.00		
EN	Failing Never Participated4	0.00		
EU	Failing Did Not Complete5	0.00		

4 Effective fall 2016 and later.

5 Effective fall 2019 and later.

For grading scales prior to fall 2009, click here [1].

Incomplete (I)

A mark of "I" (incomplete) is given by the instructor when you are otherwise doing acceptable work but are unable to complete the course because of illness or other conditions beyond your control. You are required to arrange with the instructor for the completion of the course requirements. The arrangement is recorded on the Request for Grade of Incomplete form [2]. Do not re-register or pay fees to complete the course. The completion date is determined by the instructor but may not exceed one calendar year from the date the mark of “I” is recorded. When you complete the course, the instructor must submit an online grade change request. If you receive an "I" in an undergraduate course in the fall 1983 or thereafter, your grade will be automatically changed to a failing grade "E" if you do not complete the course within one calendar year. If you receive an "I" in a graduate course (500-level or above) your "I" grade will become a permanent part of your transcript if you do not complete the course within one year, and you will have to reregister and pay fees to repeat the course for credit. Marks of "I" are changed to a grade of "E" (0.00) for purposes of evaluating graduation requirements for undergraduate students.

No report (NR)

The "NR" grade simply means that a grade has not yet been reported. Once final grade processing takes place for the semester, most classes will have an actual grade posted instead of the "NR". If an "NR" grade appears for a course in a prior semester, you should contact the instructor of the course to find out why a final grade was not recorded.

Pass (P)

The "P" grading option is used to indicate a passing grade in a class when an individual student receives permission from both the class instructor and his/her college or school. For further information about this grading option, contact your advisor. If you earn a "P" grade, you will earn hours, but the grade is not used for computing your GPA.

A "P" grade should only be assigned when an individual student receives permission to take a course as pass/fail. Permission is recorded on the Pass/Fail Enrollment form [3]. If the course only awards pass/fail grades, the "Y" grade should be utilized to indicate successful completion of the course.

Withdrawal (W)

If you withdraw from a class after the first week of school, you will receive a mark of "W" on your transcript. You earn no credit or grade for withdrawn classes.

Audit (X)

A student may choose to audit a course, in which case the student attends regularly scheduled class sessions, but no credit is earned. The student should obtain the instructor's approval before registering and paying the fees for the course. Selected courses may not be audited. Veteran students using education benefits should see Veterans Services.

The mark of "X" is recorded for completion of an audited course unless the instructor determines that the student's participation or attendance has been inadequate, in which case the mark of "W" (withdrawal) may be recorded. This grading option may not be changed after the close of the add period. The "X" is not included in earned hours and is not computed in the GPA.

Satisfactory (Y)

The "Y" grade is generally used as a grade for successfully completed internships, projects, readings and conference, research, seminars, theses, dissertations, and workshops. You earn hours for a "Y" grade, but the grade is not used for computing your GPA.

Course in progress (Z)

The "Z" grade is typically used for courses where work will not be completed within one semester's time, such as research, thesis, and dissertation. Once coursework is complete, your instructor will submit a grade change to assign an appropriate grade. Some courses, such as continued registration, do not earn credit and the "Z" grade will remain on your transcript.

Failing never participated (EN)

The grade of "EN" denotes failure due to the student never participating in a course and is treated the same as an "E" for the purposes of GPA, course repeatability, and academic standing determination. The "EN" grade assists ASU in determining a student's financial aid eligibility. For federal aid purposes, we must determine if a student participated in all courses for which they received federal aid. When a student does not participate, the financial aid office must recalculate the student's eligibility. A grade of "EN" will display on the student's transcript beginning fall 2016. Please review the "Grades and Grade Selection" section of the Grade Posting FAQs [4] page for more information about the "EN" grade.

Failing did not complete (EU)

The grade of "EU" should be used to indicate that a student never officially withdrew from the course, but failed to participate in course activities through the end of the course. The EU grade should be used when, in the opinion of the instructor, the student's completed assignments, course activities or both were insufficient to make normal evaluation of academic performance possible because the student stopped participating in the course. This grade distinction is critical to federal financial aid administration. A grade of "EU" will display on the student's transcript beginning fall 2019. Please review the "Grades and Grade Selection" section of the Grade Posting FAQs [4] page for more information about the "EU" grade.

Academic dishonesty (XE)

The grade of "XE" denotes failure due to academic dishonesty and is treated the same as an "E" for the purposes of GPA, course repeatability, and academic standing determination. A student may not avoid any penalty for academic dishonesty by withdrawing from a course. A student may be reinstated to a course to receive a penalty of a reduced or failing grade or XE. The grade of XE may only be assigned in accordance with ASU's Student Academic Integrity Policy, and not as part of the normal end of the semester grading process.

Grading resources for faculty and staff

Support and roster contacts [5].

Grade reports

You can obtain your final grades after every semester by using any of the following methods:

- To view or print your grades, sign in to My ASU [6] using your ASURITE UserID and Password.
- Submit a request for an official grade report that will show the grades for the last semester in which grades have been processed. You may submit a request to any registration site [7].

Grade changes

Ordinarily the instructor of a course has the sole and final responsibility for any grade reported. Once the grade has been reported to the registrar, it may be changed upon the authorization of the faculty member who issued the original grade, a department chair, and the dean of the college concerned. This policy also applies to the grade of "I" (incomplete).
Grade changes are submitted online and receive approval by the department chair (or designee) and the dean of the college (or designee) in which the course is offered. Once approvals are received, the new grade will be reflected on your transcript immediately.

Repeating courses

An undergraduate course taken by undergraduate students at ASU may be repeated for credit if the grade or mark of "D", "E", (including EU, EN, and XE) "W", "X" is received. To be eligible for the deletion of "D" or "E" grades from calculations of the GPA, the course must be repeated at ASU. Independent Learning courses may not be used to repeat "D" or "E" grades. Students who have graduated are not eligible to delete the grade for a course taken before the award of the ASU bachelor's degree. Undergraduate courses in which grades of "D" or "E" (including EU, EN, and XE) are received may be repeated only once. Generally, students may not repeat an undergraduate course for credit when a grade of "C" or higher is earned.

For additional information on repeating courses please refer to the following policies:

SSM 203-06: Deletion of a "D" or "E" Grade Received by an Undergraduate in an Undergraduate Course [8]
SSM 203-05: Duplication of Credit by an Undergraduate Student [9]

Graduate students see the ASU Graduate Policies and Procedures [10].

Financial aid & repeating courses

Federal regulations limit the number of times a student may repeat a course and receive federal financial aid for that course.

- A student may receive federal financial aid when repeating a course that was previously failed.
- A student may receive federal financial aid to repeat a previously passed course (with a D or better) one additional time, whether or not a student received federal financial aid for an earlier enrollment of the course.
- Once a student has completed any course twice and earned a passing grade (with a D or better) they are no longer eligible to receive federal financial aid for that course

- If a student retakes a course that is no longer eligible for financial aid, the units are excluded from the total enrollment calculated for financial aid and the student's financial aid will be adjusted to exclude these units.

Grade adjustments will be processed automatically after the grades are reported each term. For additional information on repeating a course or the deletion process, contact Records & Enrollment Services at registrar@asu.edu

Demonstration of mastery

An undergraduate student who receives a "D" in a course in which a "C" or higher is required may use the grade from an equivalent course taken elsewhere to demonstrate mastery at the "C" or higher level. However, the course may neither be transferred to ASU (since credit has already been given for the course) nor computed in the student's GPA.

Grades appeal

ASU has informal and formal processes students may follow to appeal a grade. See the Catalog [11].

GPA calculation

The following grades and their values are used in computing your semester and cumulative ASU GPA:

Grade*	Grade Point Value
A+	4.33
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
D	1.00
E**	0.00
*Other grades (W, X, Y, etc.) are not included in the GPA calculation.	
**Grades EN, EU, XE, E1, E2, E3, E4, E5, and E8 are equivalent to an E for GPA calculation purposes.	

To calculate your GPA, follow these steps below, or use the GPA Calculator [12].

1. Multiply the **grade point** value by the number of semester hours for which the course was taken to determine the honor points.
2. Add together all the **honor points**.
3. Add together all the semester hours that received one of the above grades to determine **net hours**.
4. Divide the honor points by the net hours to calculate the GPA.
   Honor Points ÷ Net Hours = GPA
   GPAs are rounded to the nearest 100th of a decimal point.

Semester GPA is based on semester net hours. Cumulative GPA is based on total net hours.
Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00.

Example:

Course	Semester Hours	Grade	Grade Point Value	Honor Points
ENG 101	3.0	A	4.00	12.00
MAT 117	3.0	B-	2.67	8.01
ECN 111	3.0	E	0.00	0.00
Total:	(net hours) 9.0			20.01
20.01 ÷ 9.0 = 2.22 GPA Students may receive credit for an ASU course by taking an examination in place of the actual course. Learn more [13].				

Source URL: https://registrar.asu.edu/grades

Links:
[1] https://registrar.asu.edu/prior-grading-scales
[2] https://registrar.asu.edu/forms/incomplete-grade-request
[3] https://registrar.asu.edu/forms/application-pass-fail-enrollment
[4] https://registrar.asu.edu/grade-posting-faq
[5] https://registrar.asu.edu/facultycenter
[6] https://my.asu.edu/
[7] https://registrar.asu.edu/contact/office-university-registrar
[8] http://www.asu.edu/aad/manuals/ssm/ssm203-06.html
[9] http://www.asu.edu/aad/manuals/ssm/ssm203-05.html
[10] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
[11] http://catalog.asu.edu/appeal
[12] https://registrar.asu.edu/gpa-calculator
[13] http://catalog.asu.edu/credit_exam

Grade appeal policy — student procedures

The steps outlined here, beginning with step A, must be followed by any student seeking to appeal a grade. Student grade appeals must be processed in the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring) regardless of whether the student is enrolled at the university. It is university policy that students filing grievances and those who are witnesses be protected from retaliation. A student who believes they are a victim of retaliation should immediately contact the dean of the college or school in which the course is offered.

Students enrolled in courses taught by another institution through a formal ASU partnership (e.g., the PLuS Alliance) must follow the grade grievance and appeal process of the institution teaching the course.

Informal

Step A

The aggrieved student must first undergo the informal procedure of conferring with the instructor, stating any evidence and reasons for questioning that the grade received was given in good faith. The instructor is obliged to review the matter, explain the grading procedure used and show how the grade in question was determined. If the instructor is a graduate

assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course (regular faculty member or director of the course sequence).

Step B

If the grading dispute is not resolved in step A, the student may appeal to the department chair or other appropriate chair of the area within the department (if any). The department chair may confer with the instructor to handle the problem. Step B applies only in departmentalized colleges or schools.

Step C

If these discussions are not adequate to settle the matter to the complainant's satisfaction, the student may then confer with the dean of the college or school concerned (or the dean-designate), who reviews the case. If unresolved, the dean or designate may refer the case to the college or school academic grievance hearing committee to review the case formally. In most instances, however, the grievance procedure does not go beyond this level.

Formal

The following procedure takes place after steps A, B and C (or A and C) have been completed.

Step D

Each college or school has on file in the office of the dean (and in each department of the college or school) the procedures and composition of the undergraduate or graduate academic grievance hearing committee for student grievances. Each college or school committee operates under grievance procedures as stated, which satisfy due process requirements. The committee always meets with the student and the instructor in an attempt to resolve the differences. At the conclusion of the hearing, the committee sends its recommendations to the dean.

Step E

Final action in each case is taken by the dean after full consideration of the committee's recommendation. Any recommended grade changes may be made by the dean. The dean informs the student, instructor, department chairperson (if any), registrar and grievance committee of any action taken.

Source URL: https://catalog.asu.edu/appeal

Policies for students at ASU at Los Angeles

The following policies apply to students pursuing programs at the ASU at Los Angeles location. Students at this location are also responsible for knowing and adhering to all other academic policies of Arizona State University.

BPPE compliance disclosures

Most compliance disclosures [1] mandated by BPPE, including School Performance Fact Sheets, are available on the Admission Services website. Below are additional disclosures related to finances; drop, add and withdrawal; and university and student record policies.

Institution financial status

ASU does not have a pending petition in bankruptcy, is not operating as a debtor in possession, has not filed a petition within the preceding five years, and has not had a petition in bankruptcy filed against it within the preceding five years that resulted in reorganization under Chapter 11 of the United States Bankruptcy Code (11 U.S.C. Sec. 1101 et seq.).

University academic information

Prospective students are encouraged to review the ASU academic catalog [2] and Degree Search [3] prior to signing an enrollment agreement. They are also encouraged to review the School Performance Fact Sheets, which must be provided prior to signing an enrollment agreement.

The ASU academic catalog is published annually. Department, school, division, college and university requirements are upgraded often, and may change. A PDF archive [4] of the academic catalog for the catalog year [5] is published annually, which includes educational programs offered by ASU and their curriculum. ASU also publishes a list yearly of instructional faculty [6]; students can access the latest version of the catalog and requirements through the Academic Catalog website and Degree Search [3].

Class sessions in California are held in two ASU locations:

ASU California Center - Broadway
1111 S Broadway
Los Angeles, CA 90015
(213) 510-6900

ASU California Center - Grand
919 South Grand Avenue
Los Angeles, CA 90015
(213) 510-6960

Notice concerning transferability of credits and credentials earned at this institution

The transferability of credits a student earns at Arizona State University is at the complete discretion of the institution to which they may seek to transfer. Acceptance of the degree or certificate the student earns in the educational program is also at the complete discretion of the institution to which they may seek to transfer.

If the degree or certificate a student earns at this institution is not accepted at the institution to which they seek to transfer, the student may be required to repeat some or all of their coursework at that institution. For this reason, students should make certain that their attendance at this institution will meet their educational goals. This may include contacting an institution to which they may seek to transfer after attending ASU to determine if their degree or certificate will transfer.

Student records

Arizona State University permanently retains student transcripts, graded class rosters, official grade reports, graduation audit reports, combined name and gender change authorizations, degree/certificate issuance records, and theses and dissertations. Records Management [7] retention schedules list other records and the amount of time required to keep them. Many student records, including transcripts, can be accessed through a student's My ASU [8] at any time. Students can contact University Registrar Services [9] or the appropriate department for other record requests.

Student Tuition Recovery Fund

Note: The Student Tuition Recovery Fund payment is included as part of ASU tuition and is not assessed as a separate fee.

The State of California established the Student Tuition Recovery Fund to relieve or mitigate economic loss suffered by a student in an educational program at a qualifying institution who is or was a California resident while enrolled or was enrolled in a residency program, if the student enrolled in the institution, prepaid tuition and suffered an economic loss. Unless relieved of the obligation to do so, a student must pay the state-imposed assessment for the STRF, or it must be paid on their behalf if the student is in an educational program, who is a California resident or is enrolled in a residency program, and prepays all or part of the tuition.

Students are not eligible for protection from the STRF and are not required to pay the STRF assessment if they are not California residents or are not enrolled in a residency program.

It is important that students keep copies of their enrollment agreement, financial aid documents, receipts or any other information that documents the amount paid to the school. Questions regarding the STRF may be directed to the:
Bureau for Private Postsecondary Education

1747 North Market Blvd., Suite 225
Sacramento, CA 95834
(916) 574-8900 or (888) 370-7589.

To be eligible for STRF, a student must be a California resident or enrolled in a residency program, prepaid tuition, paid or deemed to have paid the STRF assessment, and suffered an economic loss as a result of any of the following:

1. The institution, a location of the institution, or an educational program offered by the institution was closed or discontinued, and the student did not choose to participate in a teach-out plan approved by the Bureau or did not complete a chosen teach-out plan approved by the Bureau.
2. The student was enrolled at an institution or a location of the institution within the 120 day period before the closure of the institution or location of the institution, or was enrolled in an educational program within the 120 day period before the program was discontinued.
3. The student was enrolled at an institution or a location of the institution more than 120 days before the closure of the institution or location of the institution, in an educational program offered by the institution as to which the Bureau determined there was a significant decline in the quality or value of the program more than 120 days before closure.
4. The institution has been ordered to pay a refund by the Bureau but has failed to do so.
5. The institution has failed to pay or reimburse loan proceeds under a federal student loan program as required by law, or has failed to pay or reimburse proceeds received by the institution in excess of tuition and other costs.
6. The student has been awarded restitution, a refund or other monetary award by an arbitrator or court, based on a violation of this chapter by an institution or representative of an institution, but has been unable to collect the award from the institution.
7. The student sought legal counsel that resulted in the cancellation of one or more of their student loans and has an invoice for services rendered and evidence of the cancellation of the student loan or loans.

To qualify for STRF reimbursement, the application must be received within four years from the date of the action or event that made the student eligible for recovery from STRF.

A student whose loan is revived by a loan holder or debt collector after a period of noncollection may, at any time, file a written application for recovery from STRF for the debt that would have otherwise been eligible for recovery. If it has been more than four years since the action or event that made the student eligible, the student must have filed a written application for recovery within the original four-year period, unless the period has been extended by another act of law.

However, no claim can be paid to any student without a social security number or a taxpayer identification number.

Drop, withdrawal and refund policy

Per California education code EDC § 94919, students pursuing a degree program at the ASU at Los Angeles location may withdraw from ASU and obtain a prorated refund of money paid for institutional charges if they have completed 60% of the semester or less at the time of withdrawal. The refund excludes disbursed federal financial aid funds.

If you drop a class or officially withdraw during the 100% refund period, you will receive a refund in accordance with the ASU refund policy. The applicable refund periods are:

- For regular semester classes (session C) and sessions that are eight weeks or longer, the 100% refund period extends through the first two weeks of the semester.
- For sessions that are shorter than eight weeks (sessions A and B) and dynamically dated classes, the 100% refund period is one week after the semester begins.
- For classes that begin prior to the first day of the regular semester, the applicable 100% refund period begins on the class start date, not the semester start date.
- For the summer session classes (sessions A, B and C, and dynamically dated classes), the 100% refund period is the first five days of the applicable summer session.

You may withdraw from ASU completely by providing notice through My ASU. To withdraw through My ASU, you must complete the steps below after contacting your advisor to discuss the withdrawal process:

1. Review the Academic Calendar for complete session withdrawal and tuition refund deadlines. ASU at Los Angeles students may withdraw from a course after instruction has started and receive a pro-rata refund for the unused portion of the tuition and other refundable charges if you have completed 60% or less of the instruction for the academic term.

2. Log into My ASU [8].
3. Under the My Classes section, select Registration and then Drop/Withdrawal.
4. Indicate all classes and/or sessions for the withdrawal, answer the required questions, and select Submit Withdrawal Request.
5. Your request will be reviewed and you will be notified of the status. If approved, your Complete Session Withdrawal request will be sent to University Registrar Services for processing.

Students may also be subject to special types of withdrawal due to disruptive behavior, conduct or lack of attendance.

In addition to requesting withdrawal via My ASU, you must also withdraw from the enrollment agreement by completing the cancellation form.

Refunds will be paid within 45 days of cancellation or withdrawal.

If you received federal student financial aid funds, you are entitled to a refund of monies not paid from federal student financial aid program funds.

If you obtain a loan to pay for the educational program, you will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund. If you default on a federal or state loan, both of the following may occur:

- The federal or state government or a loan guarantee agency may take action against you, including applying any income tax refund to which you are entitled to reduce the balance owed on the loan.
- You may not be eligible for any other federal student financial aid at another institution or other government financial assistance until the loan is repaid.

Source URL: https://catalog.asu.edu/bppe-policies

Links:
[1] https://admission.asu.edu/academics/authorizations/bppe-compliance
[2] https://catalog.asu.edu/
[3] https://degrees.asu.edu/
[4] https://catalog.asu.edu/catalog_archives
[5] https://catalog.asu.edu/undergraduatereq#catalogyear
[6] https://catalog.asu.edu/faculty_list
[7] https://cfo.asu.edu/records-management
[8] https://webapp4.asu.edu/myasu/student
[9] https://registrar.asu.edu/contact/office-university-registrar

Professional licensure and certification

Professional licensure and certification information is provided per U.S. Federal Regulations, 34 CFR § 668.50 (2016 Rules) [1], 34 CFR § 668.43 (2019 Rules) [2], 34 CFR § 668.14(b)(32) [3] and 34 CFR § 668.43 [4] (2023 Rules) [5] and in compliance with the State Authorization Reciprocity Agreement [6] (SARA) Manual for academic programs reasonably assumed to lead to professional licensure or certification.

Arizona State University's academic programs generally are designed to prepare students to apply for applicable licensure or certification in Arizona where such licensure or certification exists. Completing an ASU program may not result in meeting the educational requirements for licensure or certification in any other state. ASU does not guarantee a student will be eligible to take or successfully complete licensure or certification exams. Additional steps such as background checks, examinations, fieldwork and more may be needed to acquire professional licensure, certifications or credentials. Students and prospective students are strongly encouraged to contact the state’s licensure entity where they intend to practice using the links provided to review all licensure and certification requirements imposed by the state of choice.

These disclosures also include information about available licenses and certifications that are unrelated to state-specific requirements. ASU has identified these credentials as private-issued licenses and certifications and has provided this

information for convenience only.

These disclosures are strictly limited to the university's determination in consultation with State licensing and certification entities about licensure and certification requirements and whether the degree programs, if successfully completed, would be sufficient to meet the educational licensure or certification requirements in a State. States vary in which professions are required to be licensed and how licensure functions. The terms related to licensure and certification, among others, also vary by state as well. ASU cannot provide verification of an individual's ability to meet licensure or certification requirements unrelated to its educational programming. Some states require individuals to complete additional requirements that are unrelated to educational prerequisites.

These disclosures do not provide any guarantee that any particular state licensure or certification entity will approve or deny an application. Additionally, these disclosures do not account for changes in state law or regulation that may affect an application for licensure or certification that occurs after these disclosures have been made. Students should check the Professional Licensure material before registering for classes each session for the most up-to-date information.

Arizona State University is a member of the National Council State Authorization Reciprocity Agreements (NC- SARA) [6], which allows the university to provide distance education programs (both online and learning placements) and coursework to students located in states other than Arizona. Membership does not grant reciprocity or exemption from state professional licensing requirements. Licensing requirements in Arizona may not be recognized as sufficient to obtain a license in other states. ASU will notify students at the time of initial enrollment if it has determined that a distance education program does not satisfy the applicable educational requirements for professional licensure or certification in the state in which the student is located.

ASU shall not be held liable if a student is unable to qualify for licensure or certification in any jurisdiction.

Relocating to a different state after admission into a degree program may impact whether a student can remain in the degree program, meet the state licensure requirements and/or continue to receive financial aid funding. Prior to considering relocating, it is recommended that students contact their program advisor to discuss authorization and licensure eligibility requirements. It is the student's responsibility to notify the institution of a change in physical location.

Licensure by college

[Archivist's note: In-page selector tool for colleges and programs unable to be archived]

Source URL: https://admission.asu.edu/academics/licensure

Links:
[1] https://www.federalregister.gov/documents/2016/12/19/2016-29444/program-integrity-and-improvement
[2] https://www.federalregister.gov/documents/2019/11/01/2019-23129/student-assistance-general-provisions-the-secretarys-recognition-of-accrediting-agencies-the
[3] https://www.federalregister.gov/documents/2023/10/31/2023-22785/financial-responsibility-administrative-capability-certification-procedures-ability-to-benefit-atb
[4] https://www.ecfr.gov/current/title-34/subtitle-B/chapter-VI/part-668/subpart-D/section-668.43
[5] https://www.federalregister.gov/documents/2023/10/31/2023-22785/financial-responsibility-administrative-capability-certification-procedures-ability-to-benefit-atb
[6] https://nc-sara.org/

Registration

Registering for classes at ASU

Registering for classes is easy no matter where you are on your academic journey. Start by determining the type of student you are below, and then follow the instructions provided.

Newly admitted students

Undergraduate students

If you have been admitted to ASU, you will register for classes at New Student Orientation [1].

Graduate students

Connect with your academic department for more information on how to register for courses. You can find the contact information for your academic department in the Academic Support Team box on My ASU [2].

Continuing students

If you are currently enrolled at ASU, follow the steps below to register for classes.

Returning students

If you previously attended ASU as an undergraduate student but have not remained consecutively enrolled at ASU each fall and spring semester, visit the re-entry page [3] for next steps.

Registering for classes

Step one

Clear any registration holds

Sign in to My ASU [2] to determine if you have any holds that will prevent you from registering for classes. Examples of registration holds include missing transcripts, unpaid fees, academic advising requirements and immunizations requirements. Clearing registration holds as quickly as possible avoids delays in registration which can impact your chances of getting the classes and schedule that are best for you.

For more information on a particular hold, select Help on My ASU and enter any questions.

Step two

Register for classes

Once you have cleared any registration holds, you are ready to register for classes. You may register for classes online [2] or in person [3]. You can also search for available classes online [5].

Undergraduate students should check out this article [6] explaining how to use your major map and DARs, or watch this video [7] with step-by-step instructions on how to register.

Graduate students, you should review your plan of study [8] (iPOS) as your program roadmap to help you stay on track for graduation.

Step three

Pay tuition and fees

Once you are registered, sign in to the My ASU Finances tab [9] to view and pay your tuition and fees. More information regarding how tuition and fees are calculated and important deadlines for paying tuition and fees is available via Student Business Services [10].

Step four

Purchase textbooks

Sign in to My ASU [2] to obtain your required book list by selecting Books in the My Classes box and order textbooks through ASU Bookstores [11].

Step five

Easily access your class schedule
Download to iCal

Sign in to My ASU [2] to download your class schedule and add it to your personal calendar. Click on View My Schedule and you'll be taken to a screen where you can download to iCal.

View in the ASU Mobile App

Download the ASU Mobile App [12] to easily view your class schedule and navigate directions to all of your classes.

Source URL: https://registrar.asu.edu/register-for-classes

Links:
[1] https://eoss.asu.edu/orientation
[2] https://my.asu.edu/
[3] https://admission.asu.edu/undergrad/readmission
[4] https://registrar.asu.edu/contact/office-university-registrar
[5] https://webapp4.asu.edu/catalog/
[6] https://heysunny.asu.edu/blog/need-know-tips-registration
[7] https://youtu.be/l2JnmT5sovY
[8] https://graduate.asu.edu/current-students/completing-your-degree/your-plan-study-ipos
[9] https://webapp4.asu.edu/myasu/student/finances
[10] https://tuition.asu.edu/cost/tuition-fees
[11] http://bookstore.asu.edu/
[12] https://m.asu.edu/

Drop/add and withdrawal

How to drop, add and withdraw

How to add a class

The easiest way to add a class is by signing into My ASU [1], clicking on the Registration link in your My Classes box, and selecting Add. You may add a class to your schedule up until the add deadline for that class.

Adding a class after the add deadline is considered a Late Add [2] and requires instructor, department and college approval.

Policies and procedures for late adds vary by college/school, click here [2] for detailed instructions.

Dropping/withdrawing from a class

Beginning Fall 2023, the drop deadline and add deadline will be distinct. If you drop a class by the drop deadline, you may be eligible for a 100% refund of your tuition for that class.

How to drop/withdraw from a class

You may remove a class from your current schedule by dropping/withdrawing from it up until the appropriate deadline for that class. You can request a drop/withdrawal from a class by signing into My ASU [1], clicking on the Registration link in

your My Classes box, and selecting Drop/Withdrawal. Please refer to the Tuition Refund Policy [3] to determine if dropping or withdrawing from classes will generate a tuition refund. The timing of when you make your request determines whether it is a drop or a withdrawal.

Before the drop deadline
A drop/withdrawal request made prior to the drop deadline for your class will be considered a drop. A drop will remove the class from your current schedule with no record of your enrollment in the class on your official transcript. Beginning Fall 2023, dropping a course by the drop deadline may generate a 100% tuition refund for that class.

After the drop deadline
A drop/withdrawal request made after the drop deadline but before the course withdrawal deadline for your class will be considered a withdrawal. A withdrawal will remove the class from your current schedule and will result in a grade of 'W' on your official transcript. The grade of 'W' has no impact on your GPA.

Swapping classes

How to swap classes

You may simultaneously add a class while dropping another by swapping them. You can swap classes by signing into My ASU, clicking on the "Registration" link in your My Classes box, and selecting "Swap." A swap will not drop you from your original class unless your add request was successful. This is especially helpful when attempting to switch from one section of a class to another section of the same class. A swap must be completed by the appropriate add deadline for that class.

Complete session drop/withdrawal

How to completely withdraw from classes

If you no longer plan on attending or completing your classes in a given session, you can remove all of them from your current schedule by requesting a complete session drop/withdrawal up until the appropriate complete withdrawal deadline. This should be viewed as a last resort as there may be serious academic and financial consequences. Please refer to the Tuition Refund Policy [3] to determine if dropping/withdrawing from classes will generate a tuition refund. The timing of your request determines whether it is a drop or a withdrawal.

Before drop deadline
A complete session drop/withdrawal request made prior to the drop deadline for your classes will be considered a complete session drop. A drop will remove the class(es) from your current schedule with no record of your enrollment in the class(es) on your official transcript.

After the drop deadline
A complete session drop/withdrawal request made after the drop deadline for your classes will be considered a complete session withdrawal. A withdrawal will remove the classes from your current schedule and will result in a grade of 'W' on your official transcript for each class withdrawn. The grade of 'W' has no impact on your GPA.

The process for requesting a complete session drop/withdrawal will depend on whether you are an undergraduate or a graduate student.

Undergraduate students

Requesting a complete session drop/withdrawal is an important decision as it may result in serious academic and financial consequences. If you have questions about withdrawing or the academic or financial consequences of withdrawing contact your college/school [4] to discuss your situation. The timing of your request will determine the impact it will have as well as the steps you will need to take to complete the process.

- Before the start of the fall or spring semesters (or anytime during a summer session) you may request a complete session drop/withdrawal by signing into My ASU [1], clicking on the "Registration" link in your My Classes box, and selecting "Drop/Withdrawal."

- After the start of the fall or spring semesters, contact your college/school [4] for more information.

Graduate students

You may request a complete session drop/withdrawal by signing into My ASU [1], clicking on the “Registration” link in your My Classes box, and selecting “Drop/Withdrawal.”

Other types of drops/withdrawals

This section covers special types of drops/withdrawals due to extenuating circumstances (such as a personal mental/physical condition, death or serious illness of a family member or close friend, or military duty/activation), lack of attendance or disruptive behavior.

Medical/compassionate withdrawal

You may be eligible for a medical/compassionate withdrawal if your withdrawal is due to extenuating circumstances such as a serious physical or mental illness (medical withdrawal) or the death/serious illness of a family member (compassionate withdrawal). To request a medical/compassionate withdrawal, you must submit a Request for Documented Medical/Compassionate Withdrawal [5] form along with appropriate documentation to the college of your major. Approved medical/compassionate withdrawals may generate tuition refund if approved within two years of the end of the semester, please see the Tuition Refund Policy [3] for more information.

Military activation withdrawal

A student who is a member (or the spouse of a member) of the National Guard, Reserve, or other U.S. Armed Forces branch and is unable to complete classes because of military activation, may request complete withdrawal or course withdrawals, incompletes, or grades, depending on the timing of the activation and the individual student’s needs. Absences resulting from military activation will not adversely affect a student’s catalog year.

To receive consideration under the military activation policy, a student should complete a Military Activation Form [6] and return the completed form, along with a copy of the military activation order, to the Pat Tillman Veterans Center. The Pat Tillman Veterans Center staff will coordinate the processing of the form for the student, including verification of orders, counseling on available options, referrals to academic departments, referrals or notification to offices regarding potential refunds, and initiation of processing administrative withdrawals or incomplete grades.

Instructor-initiated drop

Instructors have full authority within departmental or other higher-level policies to decide whether or not class attendance is required. If you are unable to attend class it is your responsibility to notify your instructors and/or follow their attendance policy. If you are absent from class through the second week of classes (for a fall or spring semester) or the first four days of a summer session, your instructors may exercise the option to drop you from the class (this is often done to create an open seat for another student wishing to add the class).

Please be aware that nonattendance will not automatically result in you being dropped from a class. Instructors have the right to exercise this option at their discretion. If you are unable to attend or complete a class it is your responsibility to drop/withdraw from the class prior to the appropriate deadline.

Instructor-initiated drops for nonattendance must be based upon concrete evidence of nonattendance and be signed by the Dean or Dean's Designee of the college offering the class. The college will notify students that they have been dropped for nonattendance by mail at the students' currently posted mailing address. Nothing in this policy contradicts any other policy regarding attendance, religious holidays or the students' responsibility to notify instructors in case of their absences.

Instructor-initiated withdrawal

Instructor-initiated withdrawals are made when an instructor withdraws a student from a class with a grade of "W" or "E" in cases of disruptive behavior.

Add, drop and withdrawal deadlines

Registration deadlines determine the last day you are able to add, drop or withdraw from classes. Each class has its own set of registration deadlines which are based on the length of the class as well as the session in which the class is held. The individual add, drop and withdrawal deadlines drop/add/withdrawal or add deadlines listed on the Academic Calendar [7] apply to classes scheduled in the regular A/B/C sessions. If your class does not follow the A/B/C session timelines, the individual add, drop and withdrawal deadlines drop/add/withdrawal or add deadlines are prorated. The best way to determine the registration deadlines for a class you are registered for is to sign in to My ASU [1] and click on the calendar icon next to the class in the My Classes box. To determine the registration deadlines for a class you have not yet registered for, use the online Class Search and Course Catalog [8] to search for the class and click on the **Dates** column in the search results.

Add deadline

This is the last day to add a class. Adding a class after the deadline is considered a Late Add [10] and requires instructor, department, and college approval.

Drop deadline

This is the last day to drop a class without receiving a grade of "W" on your transcript. All withdrawals after this date will result in a grade of "W" on your transcript for each class withdrawn.

Course withdrawal deadline

This is the last day to request a withdrawal from a class while staying enrolled in other classes in the same session. A withdrawal from a class after this date is only available as part of a complete session withdrawal (see below).

Complete session withdrawal deadline

This is the last day to request a complete withdrawal from a session. As part of a complete session withdrawal you must withdraw from all of your classes in the session. Beginning the first day of the fall and spring semesters undergraduate students are required to contact their college/school [4] to facilitate the withdrawal process.

Editing a class

Some classes allow you to select the number of credit hours, grading basis, and instructor for the class. If you are registered for one of these classes you may edit these options by signing into My ASU [1], clicking on the Registration link in the My Classes box, and selecting Edit.

Enrollment Request Forms [9]
Contact University Registrar Services [10]

Source URL: https://registrar.asu.edu/drop-add

Links:
[1] http://my.asu.edu/
[2] https://registrar.asu.edu/lateregistration
[3] https://tuition.asu.edu/billing-finances/tuition-refund
[4] https://registrar.asu.edu/forms/withdrawal
[5] https://registrar.asu.edu/forms/medical-compassionate-withdrawal-request
[6] https://registrar.asu.edu/forms/military-activation-form
[7] https://registrar.asu.edu/academic-calendar
[8] https://webapp4.asu.edu/catalog/
[9] https://registrar.asu.edu/forms/registration
[10] https://registrar.asu.edu/contact/office-university-registrar

Complete session withdrawal

Undergraduate students

Beginning the first day of the fall and spring semesters, you are required to connect with your college/school of your major to facilitate the withdrawal process. Select your college or school below for instructions regarding the complete withdrawal process.

The College of Liberal Arts and Sciences [1]
Edson College of Nursing and Health Innovation [2]
Herberger Institute for Design and the Arts [3]
Ira A. Fulton Schools of Engineering [4]
Mary Lou Fulton College for Teaching and Learning Innovation [5]
New College of Interdisciplinary Arts and Sciences [6]
College of Integrative Sciences and Arts [7]
College of Global Futures [8]
College of Health Solutions [9]
Thunderbird School of Global Management [10]
Walter Cronkite School of Journalism and Mass Communication [11]
Watts College of Public Service and Community Solutions [12]
W. P. Carey School of Business [13]
University College [14]

During the fall or spring semester, submit your withdrawal request by signing in to My ASU [15], click on the Registration link in your My Classes box, and select Drop/Withdrawal. Your request will be electronically routed to your college or department for review and next steps. If the semester has not yet begun, or you wish to withdraw from a summer session, sign in to My ASU [15], click on the Registration link in your My Classes box, and select Drop/Withdrawal and follow the steps to withdraw from your classes.

Graduate students

You may request a complete session drop/withdrawal by signing in to My ASU [15], clicking on the Registration link in your My Classes box, and selecting Drop/Withdrawal, or by submitting the Complete Session Withdrawal [16] form to any University Registrar Services office location [17]. Be sure to review the Graduate College's continuous enrollment policy [18] and discuss your withdrawal with your program advisor, if needed.

Please refer to the Tuition Refund Policy [19] to determine if dropping/withdrawing from classes will generate a tuition refund.

ASU support resources & options

Withdrawing from one or two classes (course withdrawal)

After the drop/add deadline through the course withdrawal deadline for a class, students can withdraw from the class while remaining enrolled in other classes. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements.

Medical/compassionate withdrawal

Medical/Compassionate withdrawals are available for students needing to withdraw from one or more classes due to a personal mental/physical health condition or the death or serious illness of a family member/close friend. More information concerning medical/compassionate withdrawal requests can be found here [20].

Tutoring & academic support services

ASU tutoring centers provide a variety of services to help students become better learners and gain the confidence and skills to achieve their academic goals. Services include: writing centers, math tutoring, subject area tutoring, and supplemental instruction. More information about tutoring centers can be found here [21].

ASU counseling services

Counseling and mental health services are provided at each of the four ASU campuses. ASU students may seek services at any of the campus counseling centers, regardless of their college affiliation. ASU Counseling Services locations and contact information can be found here [22].

"I" (incomplete) grade

If approved, a mark of "I" (Incomplete) may be given by the instructor when students are otherwise doing acceptable work but are unable to complete the class because of illness or other conditions beyond their control. Students interested in incompletes should discuss this option with their instructors and arrange for the completion of the class requirements.

Possible consequences resulting from a complete session withdrawal:

- Financial aid: Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal on financial aid depends on when the withdrawal is dated and the type of financial aid. More information concerning the return of financial aid is available here [23].
- Tuition and refunds: The date of a complete withdrawal will determine whether or not a tuition refund will be generated. Please review the Tuition Refund Policy [19] for more information.
- Health insurance: Students should contact their health insurance company to determine whether or not withdrawing from the university affects their coverage.
- Residential life: Students who live on campus should contact their residential hall community staff to determine what impact withdrawing will have on their eligibility to live on campus, to complete a License Agreement Release (LAR) form, and to arrange an appointment to officially check out. More information concerning housing cancellations is available here [24].
- Veteran benefits & certifications: Students should contact the appropriate Veteran Benefits & Certifications office to discuss information regarding veterans' educational benefits and/or military activation. Veteran Benefits & Certifications office locations and contact information can be found here [25].

For more information on Complete Withdrawals, contact University Registrar Services at registrar@asu.edu or 480-965-3124.

Source URL: https://registrar.asu.edu/forms/withdrawal

Links:
[1] https://registrar.asu.edu/Session_Withdrawal/the-college
[2] https://registrar.asu.edu/Session_Withdrawal/CONHI
[3] https://registrar.asu.edu/Session_Withdrawal/Herberger
[4] https://registrar.asu.edu/Session_Withdrawal/Fulton
[5] https://registrar.asu.edu/Session_Withdrawal/MLFTC
[6] https://registrar.asu.edu/Session_Withdrawal/New_College
[7] https://registrar.asu.edu/Session_Withdrawal/CISA
[8] https://registrar.asu.edu/Session_Withdrawal/CGF
[9] https://registrar.asu.edu/Session_Withdrawal/CHS
[10] https://registrar.asu.edu/Session_Withdrawal/Thunderbird
[11] https://registrar.asu.edu/Session_Withdrawal/Cronkite
[12] https://registrar.asu.edu/Session_Withdrawal/COPP
[13] https://registrar.asu.edu/Session_Withdrawal/WP_Carey
[14] https://registrar.asu.edu/Session_Withdrawal/UC
[15] http://my.asu.edu/
[16] https://registrar.asu.edu/sites/default/files/completesessionwithdrawal_nov5_2020.pdf
[17] https://registrar.asu.edu/contact/office-university-registrar
[18] https://graduate.asu.edu/key-policies
[19] https://tuition.asu.edu/billing-finances/tuition-refund
[20] https://registrar.asu.edu/forms/medical-compassionate-withdrawal-request

[21] https://tutoring.asu.edu/
[22] http://eoss.asu.edu/counseling
[23] https://tuition.asu.edu/policies/fa-withdrawal
[24] https://housing.asu.edu/contact-us/faq
[25] https://veterans.asu.edu/

Late registration

Registering for any class after the deadline [1] requires approval from the college or school offering the course and is an exception to university policy. There is no guarantee that a late request will be approved.

Courses for which the deadline to register has passed are marked in the schedule of classes by a gray "add" button. When this button is selected, students are directed to a page that prompts them to select the appropriate link for the college offering the course. The link connects the student to a customized page with step-by-step instructions on how to request a late add for that particular course. Policies and procedures vary by college/school. See the list below for detailed information and instructions.

Barrett, the Honors College [2]
College of Global Futures [3]
College of Health Solutions [4]
College of Integrative Sciences and Arts [5]
The College of Liberal Arts and Sciences [6]
Edson College of Nursing and Health Innovation [7]
Graduate Education [8]
Herberger Institute for Design and the Arts [9]
Ira A. Fulton Schools of Engineering [10]
Mary Lou Fulton College for Teaching and Learning Innovation [11]
New College of Interdisciplinary Arts and Sciences [12]
Sandra Day O'Connor College of Law [13]
Thunderbird School of Global Management [14]
Walter Cronkite School of Journalism and Mass Communication [15]
Watts College of Public Service and Community Solutions [16]
W. P. Carey School of Business [17]
University College [18]

Additional information about drop/add and withdraw [19].

Source URL: https://registrar.asu.edu/lateregistration

Links:
[1] https://registrar.asu.edu/academic-calendar
[2] https://registrar.asu.edu/late-registration/barrett
[3] https://registrar.asu.edu/late-registration/global_futures
[4] https://registrar.asu.edu/late-registration/health-solutions
[5] https://registrar.asu.edu/late-registration/cisa
[6] https://registrar.asu.edu/late-registration/the-college
[7] https://registrar.asu.edu/late-registration/nursing
[8] https://registrar.asu.edu/late-registration/graduate
[9] https://registrar.asu.edu/late-registration/design-arts
[10] https://registrar.asu.edu/late-registration/engineering
[11] https://registrar.asu.edu/late-registration/education
[12] https://registrar.asu.edu/late-registration/new-college
[13] https://registrar.asu.edu/late-registration/law
[14] https://registrar.asu.edu/late-registration/thunderbird

[15] https://registrar.asu.edu/late-registration/journalism
[16] https://registrar.asu.edu/late-registration/public-service
[17] https://registrar.asu.edu/late-registration/business
[18] https://registrar.asu.edu/late-registration/uc
[19] https://registrar.asu.edu/drop-add

State authorization

How is ASU authorized in my state?

Select your state in the dropdown to see how ASU is authorized to operate in your state and to learn about policies and program exceptions in your state.

The State Authorization Reciprocity Agreements (SARA) is a national initiative that helps expand students' access to educational opportunities while maintaining compliance with state regulations. Institutions participating in SARA may offer distance education opportunities in SARA member states without seeking individual approval in each state. To learn more about SARA, visit https://nc-sara.org/ [1].

The State of Arizona was approved as a SARA member state on November 11, 2014. Arizona State University is approved as a SARA participating institution by the Arizona SARA Council [2] and the National Council for State Authorization Reciprocity Agreements [1] (NC-SARA).

Relocating to a different state after admission into a degree program may impact whether a student can remain in the degree program, meet the state licensure requirements and/or continue to receive financial aid funding. Prior to considering relocating, it is recommended that students contact their program advisor to discuss authorization and licensure eligibility requirements. It is the students' responsibility to notify the institution of a change in physical location.

Alabama

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Alabama in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*

Sandra Day O'Connor College of Law
Juris Doctor, JD [5]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the

institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Alaska

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Alaska in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Dance*
Secondary Education, BAE [10]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dance*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – Dance*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

American Samoa

Public and non-profit higher education institutions are not regulated in American Samoa and are able to offer distance education to students in the location. Program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Edson College of Nursing and Health Innovation
Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [14]
Adult Gerontology Nurse Practitioner (Graduate Certificate) [15]
Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [16]
Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [17]
Advanced Nursing Practice (Family Nurse Practitioner), DNP [18]

Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP [19]
Advanced Nursing Practice (Primary Care Pediatric Nurse Practitioner), DNP [20]
Advanced Nursing Practice (Psychiatric Mental Health Nurse Practitioner), DNP [21]
Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [22]
Family Nurse Practitioner (Graduate Certificate) [23]
Nursing, BSN [24]
Primary Care Pediatric Nurse Practitioner (Graduate Certificate) [25]
Psychiatric Mental Health Nurse Practitioner (Graduate Certificate) [26]
Women's Health Nurse Practitioner (Graduate Certificate) [27]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd [35]
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Please see Policies [8] for further information. Additionally, distance education students may seek redress with the American Samoa Board of Higher Education American Samoa Community College, info@amsamoa.edu.

Arizona

Arizona State University is a public university established in the State of Arizona.

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies, please see Policies [8] for further information.

Arkansas

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Arkansas in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Dance, Economics, General Science, Geography, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Dance, Economics, General Science, Geography, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Dance, Economics, General Science, Geography, Political Science/American Government*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Dance, Secondary Education – Economics, Secondary Education – General Science, Secondary Education – Geography, Secondary Education – Political Science/American Government*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

California

Arizona State University is a public university established in the State of Arizona. ASU is approved to operate in the State of California by the Bureau for Private Postsecondary Education [40] and is approved to offer select programs in-person at the ASU at Los Angeles location. For additional information, please see: https://california.asu.edu/ [41] and https://catalog.asu.edu/bppe-policies [42]. Program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Students in an ASU at Los Angeles academic program, or any member of the public, can share concerns with the Bureau for Private Postsecondary Education at the following website: https://www.bppe.ca.gov/enforcement/complaint.shtml [45].

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Distance education students should see Policies [8] for further information.

Colorado

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Colorado in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dance*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – Dance*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Commonwealth of the Northern Mariana Islands

Public and non-profit higher education institutions are not currently regulated in the Northern Mariana Islands and are able to offer distance education to students in the location. Program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]
Cytology, MS [49]

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd [35]
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Please see Policies [8] for further information. Additionally, distance education students may seek redress with the Commonwealth of the Northern Marianas Department of Education CNMI Public School System at (670) 237-3027.

Connecticut

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Connecticut in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Educational Leadership (Principalship), MEd [34]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Delaware

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Delaware in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Special Education (Teacher Certification), MEd [4]
Areas: *Mild/Moderate Disabilities, Moderate/Severe Disabilities*
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]
Areas: *Mild/Moderate Special Education*

Persons interested in Special Education (Teacher Certification), MEd (Mild/Moderate Disabilities) or Teacher Certification (Graduate Certificate) (Mild/Moderate Special Education) should contact MLFTCCompliance@asu.edu for additional information.

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

District of Columbia

ASU is licensed by the Higher Education Licensure Commission [46] to operate postsecondary education at the ASU Barrett & O'Connor Washington Center [47] in the District of Columbia. For additional information, please see: https://washingtondc.asu.edu/ [47].

Arizona State University is a public university established in the State of Arizona. As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in the District of Columbia in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Students in an ASU Washington Center academic program, or any member of the public, can share concerns with the Higher Education Licensure Commission at the following website: https://helc.osse.dc.gov/topic/helcadmin/community-stakeholders/public-complaints [48].

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Federated States of Micronesia

The Federated States of Micronesia is a sovereign state in free association with the United States of America. Public and non-profit higher education institutions are not currently regulated in the Federated States of Micronesia and are able to offer distance education to students in the location. Program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Edson College of Nursing and Health Innovation
Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [14]
Adult Gerontology Nurse Practitioner (Graduate Certificate) [15]
Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [16]
Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [17]
Advanced Nursing Practice (Family Nurse Practitioner), DNP [18]
Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP [19]
Advanced Nursing Practice (Primary Care Pediatric Nurse Practitioner), DNP [20]
Advanced Nursing Practice (Psychiatric Mental Health Nurse Practitioner), DNP [21]
Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [22]
Family Nurse Practitioner (Graduate Certificate) [23]

Nursing, BSN [24]
Primary Care Pediatric Nurse Practitioner (Graduate Certificate) [25]
Psychiatric Mental Health Nurse Practitioner (Graduate Certificate) [26]
Women's Health Nurse Practitioner (Graduate Certificate) [27]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Sandra Day O'Connor College of Law
Juris Doctor, JD [5]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Please see Policies [8] for further information. Additionally, distance education students may seek redress with the FSM State Higher Education Agency College of Micronesia at (691) 320-2480.

Florida

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Florida in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]
Cytology, MS [49]

College of Integrative Sciences and Arts
Counseling, MC (online) [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]

Area: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Economics, Secondary Education – General Science, Secondary Education – Geography, Secondary Education – History, Secondary Education – Political Science/American Government*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Georgia

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Georgia in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Educational Leadership (Principalship) MEd [50]
Secondary Education (Teacher Certification), MEd [9]
Areas: *General Science, Physical Education*
Secondary Education, BAE [10]
Areas: *General Science, Physical Education*
Secondary Education, Certificate [11]
Areas: *General Science, Physical Education*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – General Science, Secondary Education – Physical Education*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Guam

Public and non-profit higher education institutions are not currently regulated in Guam and are able to offer distance education to students in the location. Program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Health Solutions
Cytology, MS [49]

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: Biology, Chemistry, Chinese, Dance, Earth and Space Sciences, Economics, French, Geography, History, Physics, Political Science/American Government, Theatre
Secondary Education, BAE [10]
Areas: Biology, Chemistry, Chinese, Dance, Earth and Space Sciences, Economics, French, Geography, History, Physics, Political Science/American Government, Theatre
Secondary Education, Certificate [11]
Areas: Biology, Chemistry, Chinese, Dance, Earth and Space Sciences, Economics, French, Geography, History, Physics, Political Science/American Government, Theatre
Special Education (Teacher Certification), MEd [4]
Area: Moderate/Severe Disabilities
Teacher Certification (Graduate Certificate) [12]
Areas; *Secondary Education - Biological Science, Secondary Education - Chemistry,*
Secondary Education – Chinese, Secondary Education – Dance,
Secondary Education – Earth and Space Sciences, Secondary Education – Economics, Secondary Education – French,
Secondary Education – Geography,
Secondary Education – German, Secondary Education – History, Secondary Education – Physics,
Secondary Education – Political Science/American Government, Secondary Education - Theatre

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies.

Please see Policies [8] for further information. Additionally, distance education students may seek redress with the Guam Higher Education Agency University of Guam, www.uog.edu/ [51].

Hawaii

ASU is authorized by the Department of Commerce and Consumer Affairs, Post-secondary Education Authorization Program [52] to operate postsecondary education in the State of Hawaii.

For additional information, please see: https://hawaii.asu.edu/ [53].

Arizona State University is a public university established in the State of Arizona. As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Hawaii in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]
Cytology, MS [49]

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Business Education*
Secondary Education, BAE [10]
Area: *Business Education*
Secondary Education, Certificate [11]
Area: *Business Education*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education - Business Education*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Students in an ASU in Hawaii academic program, or any member of the public, can share concerns with the Hawaii Post-secondary Education Authorization Program at the following website: https://cca.hawaii.gov/hpeap/files/2013/08/Student-Complaint-Form.pdf [54].

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Idaho

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Idaho in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Dance*
Secondary Education, BAE [10]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dance*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – Dance*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Illinois

As a participating State Authorization Reciprocity Agreement (SARA) institution since, Arizona State University is authorized to offer distance education to persons located in Illinois in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *General Science*
Secondary Education, BAE [10]
Area: *General Science*
Secondary Education, Certificate [11]
Area: *General Science*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education - General Science*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Indiana

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Indiana in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Art, Secondary Education – Biological Science,*
Secondary Education – Business Education, Secondary Education – Chemistry,
Secondary Education – Chinese, Secondary Education – Dance,
Secondary Education – Earth and Space Sciences, Secondary Education – Economics,
Secondary Education – English, Secondary Education – French,
Secondary Education – General Science, Secondary Education – Geography,
Secondary Education – German, Secondary Education – History,
Secondary Education – Mathematics, Secondary Education – Music,
Secondary Education – Physical Education, Secondary Education – Physics,
Secondary Education – Political Science/American Government, Secondary Education – Spanish, Secondary Education – Theatre

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Iowa

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Iowa in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Dance*
Secondary Education, BAE [10]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dance*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – Dance*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Kansas

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Kansas in accordance with NC-SARA established policies and standards; the program exception is noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Dance, Economics, General Science, Geography*
Secondary Education, BAE [10]
Areas: *Dance, Economics, General Science, Geography*
Secondary Education, Certificate [11]
Areas: *Dance, Economics, General Science, Geography*
Special Education (Teacher Certification), MEd [4]
Areas: *Mild/Moderate Disabilities, Moderate/Severe Disabilities*

Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]
Areas: *Mild/Moderate Special Education, Secondary Education – Dance, Secondary Education – Economics, Secondary Education – General Science, Secondary Education - Geography*

Persons interested in Early Childhood Special Education (Teacher Certification), MEd; Special Education (Teacher Certification), MEd (Mild/Moderate Special Education) or Teacher Certification (Graduate Certificate) (Mild/Moderate Special Education) should contact MLFTCCompliance@asu.edu for additional information.

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Kentucky

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Kentucky in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]

Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Louisiana

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Louisiana in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]

Edson College of Nursing and Health Innovation
Doctor of Nursing Practice specializations and Nursing Practice certifications. For a complete list of DNP specializations and NP certifications visit: https://nursingandhealth.asu.edu/programs/dnp [55].

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Economics, Geography, History, Physical Education, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, Geography, Health, History, Physical Education, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Economics, Geography, Health, History, Physical Education, Political Science/American Government*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certification) [12]
Areas: *Secondary Education – Economics, Secondary Education – Geography, Secondary Education – History, Secondary Education – Physical Education, Secondary Education – Political Science/American Government*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Maine

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Maine in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Art, Biological Science, Business Education, Chemistry, Chinese, Dance, Earth and Space Sciences, Economics, English, French, General Science, Geography, History, Mathematics, Music, Physical Education, Physics, Political Science/American Government, Spanish, Theatre*
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Maryland

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Maryland in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *General Science*
Secondary Education, BAE [10]
Area: *General Science*
Secondary Education, Certificate [11]
Area: *General Science*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – General Science*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]
Addiction Psychology, MS [56]

State nursing board

Maryland Board of Nursing [57] has recognized Arizona State University's Edson College of Nursing and Health Innovation as an approved out of state RN nursing program [58].

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Massachusetts

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Massachusetts in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]

Areas: *Economics, General Science, Geography, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, General Science, Geography, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Economics, General Science, Geography, Political Science/American Government*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Economics, Secondary Education – General Science, Secondary Education – Geography, Secondary Education – Political Science/American Government*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Michigan

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Michigan in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: *General Science, Theatre*
Secondary Education, BAE [10]
Areas: *General Science, Theatre*
Secondary Education, Certificate [11]
Area: *General Science, Theatre*
Special Education (Teacher Certification), MEd [4]
Areas: *Mild/Moderate Disabilities, Moderate/Severe Disabilities*
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]
Areas: *Mild/Moderate Special Education, Secondary Education – General Science, Secondary Education - Theatre*

Persons interested in Early Childhood Education Special Education (Teacher Certification), MEd should contact MLFTCCompliance@asu.edu for additional information.

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Minnesota

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Minnesota in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Educational Leadership (Principalship), MEd [34]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Economics, Secondary Education – Geography, Secondary Education – History, Secondary Education – Political Science/American Government*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Mississippi

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Mississippi in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Earth and Space Sciences*
Secondary Education, BAE [10]
Area: *Earth and Space Sciences*
Secondary Education, Certificate [11]
Area: *Earth and Space Sciences*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – Earth and Space Sciences*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Missouri

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Missouri in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Economics, General Science, Geography, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, General Science, Geography, Political Science/American Government*
Secondary Education, Certificate [11]
Area: *Economics, General Science, Geography, Political Science/American Government*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Economics, Secondary Education – General Science, Secondary Education – Geography, Secondary Education – Political Science/American Government*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Montana

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Montana in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Area: *Dance*
Secondary Education, BAE [10]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dane*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education - Dance*

Persons interested in Early Childhood Education Special Education (Teacher Certification), MEd should contact MLFTCCompliance@asu.edu for additional information.

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]
Addiction Psychology, MS [56]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the

institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Nebraska

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Nebraska in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Business Education, Dance, Theatre*
Secondary Education, BAE [10]
Areas: *Business Education, Dance, Theatre*
Secondary Education, Certificate [11]
Areas: *Business Education, Dance, Theatre*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Business Education, Secondary Education – Dance, Secondary Education - Theatre*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]
Addiction Psychology, MS [56]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Nevada

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Nevada in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]

College of Integrative Sciences and Arts
Counseling, MC [13]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

New Hampshire

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in New Hampshire in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Economics. General Science, Geography, History, Political Science/American Government*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Economics, Secondary Education – General Science, Secondary Education – Geography, Secondary Education – History, Secondary Education – Political Science/American Government*

Sandra Day O'Connor College of Law
Juris Doctor, JD [5]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

New Jersey

As a participating State Authorization Reciprocity Agreement (SARA) institution since, Arizona State University is authorized to offer distance education to persons located in New Jersey in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Economics, General Science, Geography, History, Political Science/American Government*
Special Education (Teacher Certification), MEd [4]
Areas: *Mild/Moderate Disabilities, Moderate/Severe Disabilities*
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]
Areas: *Mild/Moderate Special Education, Secondary Education – Economics, Secondary Education – General Science, Secondary Education – Geography, Secondary Education – History, Secondary Education – Political Science/American Government*

Persons interested in Special Education (Teacher Certification), MEd (Mild/Moderate Disabilities) or Teacher Certification (Graduate Certificate) should contact MLFTCCompliance@asu.edu for additional information.

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]
Addiction Psychology, MS [56]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via

the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

New Mexico

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in New Mexico in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Chinese, Dance, Earth and Space Sciences*
Secondary Education, BAE [10]
Areas: *Chinese, Dance, Earth and Space Sciences*
Secondary Education, Certificate [11]
Areas: *Chinese, Dance, Earth and Space Sciences*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Chinese, Secondary Education – Dance, Secondary Education – Earth and Space Sciences*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

New York

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in New York in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]
Cytology, MS [49]

The Doctor of Behavioral Health [59] (DBH) program is an international education and training program that is designed to develop future leaders in integrated primary behavioral health care. There are two concentrations that may be pursued: clinical [60] and management [61].

Admission to the clinical concentration of the DBH program is restricted in New York State to those applicants with an active license to practice in a clinical field such as: Applied Behavioral Analysis, Creative Arts Therapy, Marriage and Family Therapy, Mental Health Counseling, Occupational Therapy, Physician Assistant, Psychoanalysis, Psychology, Social Work, and other clinical fields. Clinicians must possess an appropriate clinical license prior to admission to the program and are expected to work within the restrictions of their current license and professional scope of practice while completing all aspects of the DBH program, including clinical internship. Applicants without a proper license will not be accepted into the clinical concentration, or may risk dismissal from the DBH program if accepted contingent upon attaining a license, if the applicant is unable to attain the requisite license within the required timeframe.

It is recommended for applicants in New York State to contact the NYS Office of Professions [62] and speak with the appropriate professional board for information regarding their license status and whether there are limitations on how knowledge obtained in the DBH program may be utilized in their practice.

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Edson College of Nursing and Health Innovation
Doctor of Nursing Practice specializations and Nursing Practice certifications. For a complete list of DNP specializations and NP certifications visit: https://nursingandhealth.asu.edu/programs/dnp [55].

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Elementary Multilingual Education, BAE
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Sandra Day O'Connor College of Law
Juris Doctor, JD [5]

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

North Carolina

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in North Carolina in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Area: *Business Education*
Secondary Education, BAE [10]
Areas: *Business Education, Health*
Secondary Education, Certificate [11]
Areas: *Business Education, Health*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Business Education*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

North Dakota

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in North Dakota in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Dance*
Secondary Education, BAE [10]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dance*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – Dance*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]
Addiction Psychology, MS [56]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Ohio

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Ohio in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Art, Secondary Education – Biological Science,*

Secondary Education – Business Education, Secondary Education – Chemistry,
Secondary Education – Chinese, Secondary Education – Dance,
Secondary Education – Earth and Space Sciences, Secondary Education – Economics,
Secondary Education – English, Secondary Education – French,
Secondary Education – General Science, Secondary Education – Geography,
Secondary Education – German, Secondary Education – History,
Secondary Education – Mathematics, Secondary Education – Music,
Secondary Education – Physical Education, Secondary Education – Physics,
Secondary Education – Political Science/American Government, Secondary Education – Spanish, Secondary Education - Theatre

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Oklahoma

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Oklahoma in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Art, General Science*
Secondary Education, BAE [10]
Area: *General Science*
Secondary Education, Certificate [11]
Area: *General Science*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – General Science*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Oregon

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Oregon in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Edson College of Nursing and Health Innovation
Doctor of Nursing Practice specializations and Nursing Practice certifications. For a complete list of DNP specializations and NP certifications visit: https://nursingandhealth.asu.edu/programs/dnp [55].

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Art, Dance*
Secondary Education, BAE [10]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dance*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Pennsylvania

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Pennsylvania in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Art, Biological Science, Business Education, Chemistry, Chinese, Dance,*
Earth and Space Sciences, Economics, English, French, General Science, Geography, German, History, Mathematics, Music, Physical Education, Physics,
Political Science/American Government, Spanish, Theatre
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Areas: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Art, Secondary Education – Biological Science,*
Secondary Education – Business Education, Secondary Education – Chemistry,
Secondary Education – Chinese, Secondary Education – Dance,
Secondary Education – Earth and Space Sciences, Secondary Education – Economics,
Secondary Education – English, Secondary Education – French,
Secondary Education – General Science, Secondary Education – Geography,
Secondary Education – German, Secondary Education – History,
Secondary Education – Mathematics, Secondary Education – Music,
Secondary Education – Physical Education, Secondary Education – Physics,
Secondary Education – Political Science/American Government, Secondary Education – Spanish, Secondary Education – Theatre

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Puerto Rico

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Puerto Rico in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]
Cytology, MS [49]

College of Integrative Sciences and Arts
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Art, Business Education, Chinese, Dance, Earth and Space Sciences, Economics, French, Geography, German, History, Music, Political Science/American Government, Spanish, Theatre*
Secondary Education, BAE [10]
Areas: *Art, Business Education, Chinese, Dance, Earth and Space Sciences, Economics, French, Geography, Health, History, Music, Political Science/American Government, Spanish, Theatre*
Secondary Education, Certificate [11]
Areas: *Art, Business Education, Chinese, Dance, Earth and Space Science, Economics, French, Geography, Health, History, Music, Political Science/American Government, Spanish, Theatre*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Art, Secondary Education – Business Education,*
Secondary Education – Chinese, Secondary Education – Dance,
Secondary Education – Earth and Space Sciences, Secondary Education – Economics,
Secondary Education – Geography, Secondary Education – French,
Secondary Education – German, Secondary Education – History, Secondary Education – Music,
Secondary Education – Political Science/American Government, Secondary Education – Spanish,
Secondary Education - Theatre

The College of Liberal Arts and Sciences
Urban and Environmental Planning, MUEP [63]
Urban Planning, BSP [64]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Republic of Palau

The Republic of Palau is a sovereign state in free association with the United States of America. Public and non-profit higher education institutions are not currently regulated in the Republic of Palau and are able to offer distance education

to students in the location. Program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Edson College of Nursing and Health Innovation
Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [14]
Adult Gerontology Nurse Practitioner (Graduate Certificate) [15]
Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [16]
Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [17]
Advanced Nursing Practice (Family Nurse Practitioner), DNP [18]
Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP [19]
Advanced Nursing Practice (Primary Care Pediatric Nurse Practitioner), DNP [20]
Advanced Nursing Practice (Psychiatric Mental Health Nurse Practitioner), DNP [21]
Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [22]
Family Nurse Practitioner (Graduate Certificate) [23]
Nursing, BSN [24]
Primary Care Pediatric Nurse Practitioner (Graduate Certificate) [25]
Psychiatric Mental Health Nurse Practitioner (Graduate Certificate) [26]
Women's Health Nurse Practitioner (Graduate Certificate) [27]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Please see Policies [8] for further information. Additionally, distance education students may seek redress with the Palau State Higher Education Agency Palau Community College, pcc.palau.edu/ [65].

Republic of the Marshall Islands

The Republic of the Marshall Islands is a sovereign state in free association with the United States of America. Public and non-profit higher education institutions are not currently regulated in the Republic of the Marshall Islands and are able to offer distance education to students in the location. Program exceptions are noted below. A program exception is a program unavailable in the location.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Edson College of Nursing and Health Innovation
Acute Care Pediatric Nurse Practitioner (Graduate Certificate) [14]
Adult Gerontology Nurse Practitioner (Graduate Certificate) [15]
Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP [16]
Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP [17]
Advanced Nursing Practice (Family Nurse Practitioner), DNP [18]
Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP [19]
Advanced Nursing Practice (Primary Care Pediatric Nurse Practitioner), DNP [20]
Advanced Nursing Practice (Psychiatric Mental Health Nurse Practitioner), DNP [21]
Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP [22]
Family Nurse Practitioner (Graduate Certificate) [23]
Nursing, BSN [24]
Primary Care Pediatric Nurse Practitioner (Graduate Certificate) [25]
Psychiatric Mental Health Nurse Practitioner (Graduate Certificate) [26]
Women's Health Nurse Practitioner (Graduate Certificate) [27]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Mild/Moderate Special Education, Certificate [38]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Please see Policies [8] for further information. Additionally, distance education students may seek redress with the Republic of the Marshall Islands State Higher Education Agency Scholarship Grant and Loan Board at (692) 625-5770.

Rhode Island

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Rhode Island in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Edson College of Nursing and Health Innovation
Doctor of Nursing Practice specializations and Nursing Practice certifications. For a complete list of DNP specializations and NP certifications visit: https://nursingandhealth.asu.edu/programs/dnp [55].

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Art, Secondary Education – Biological Science,*
Secondary Education – Business Education, Secondary Education – Chemistry,
Secondary Education – Chinese, Secondary Education – Dance,
Secondary Education – Earth and Space Sciences, Secondary Education – Economics,
Secondary Education – English, Secondary Education – French,
Secondary Education – General Science, Secondary Education – Geography,
Secondary Education – German, Secondary Education – History,
Secondary Education – Mathematics, Secondary Education – Music,
Secondary Education – Physical Education, Secondary Education – Physics,
Secondary Education – Political Science/American Government, Secondary Education – Spanish, Secondary Education – Theatre

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

South Carolina

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in South Carolina in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Business Education*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

South Dakota

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in South Dakota in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Dance, General Science*
Secondary Education, BAE [10]
Areas: *Business Education, Dance, General Science*
Secondary Education, Certificate [11]
Areas: *Business Education, Dance, General Science*
Special Education (Teacher Certification), MEd [4]
Areas: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Business Education, Secondary Education – Dance, Secondary Education – General Science*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Tennessee

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Tennessee in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Edson College of Nursing and Health Innovation
Doctor of Nursing Practice specializations and Nursing Practice certifications. For a complete list of DNP specializations and NP certifications visit: https://nursingandhealth.asu.edu/programs/dnp [55].
Nurse Education in Academic and Practice Settings (Graduate Certificate) [66]
Nursing, BSN [24]
Nursing (Nursing Education), MS [67]
Nursing, MS [68]

Clinical rotation, field experience, internship, or practicum components of either online and/or campus programs are not currently available to Edson College students in this state. Contact nursingandhealth@asu.edu with questions.

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *General Science*
Secondary Education, BAE [10]
Area: *General Science*
Secondary Education, Certificate [11]
Area: *General Science*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – General Science*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Texas

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Texas in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Secondary Education (Teacher Certification), MEd [9]
Areas: *Earth and Space Sciences, Economics, Geography,*
Political Science/American Government
Secondary Education, BAE [10]
Areas: *Earth and Space Sciences, Economics, Geography,*
Political Science/American Government
Secondary Education, Certificate [11]
Area: *Earth and Space Sciences, Economics, Geography, Political Science/American Government*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Earth and Space Sciences, Secondary Education – Economics,*
Secondary Education – Geography,
Secondary Education – Political Science/American Government

Persons interested in Early Childhood Education Special Education (Teacher Certification), MEd should contact MLFTCCompliance@asu.edu for additional information.

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

U.S. Virgin Islands

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in the U.S. Virgin Islands in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Cytology, MS [49]

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Curriculum and Instruction (Early Childhood Education), MEd [28]
Early Childhood Education (Teacher Certification), MEd [29]
Early Childhood Education, BAE [30]
Early Childhood Education, Certificate [31]
Early Childhood Special Education (Teacher Certification), MEd [32]
Early Childhood Special Education, Certificate [33]
Educational Leadership (Principalship), MEd [34]
Elementary Education (Teacher Certification), MEd
Elementary Education, BAE [36]
Elementary Education, Certificate [37]
Secondary Education (Teacher Certification), MEd [9]
Secondary Education, BAE [10]
Secondary Education, Certificate [11]
Special Education (Teacher Certification), MEd [4]
Special Education, BAE [39]
Teacher Certification (Graduate Certificate) [12]

Sandra Day O'Connor College of Law
Juris Doctor, JD [5]

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]
Addiction Psychology, MS [56]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Utah

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Utah in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Business Education, General Science*
Secondary Education, BAE [10]
Areas: *Business Education, General Science*
Secondary Education, Certificate [11]
Areas: *Business Education, General Science*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Business Education, Secondary Education – General Science*

Sandra Day O'Connor College of Law
Juris Doctor, JD [5]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Vermont

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Vermont in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Art, Biological Science, Business Education, Chemistry, Chinese,*
Earth and Space Sciences, Economics, English, French, General Science, Geography, German, History, Mathematics, Music, Physics, Political Science/American Government, Spanish
Secondary Education, BAE [10]
Areas: *Art, Biology, Business Education, Chemistry, Chinese, Earth and Space Sciences, Economics, English, French, General Science, Geography, History, Mathematics, Music, Physics, Political Science/American Government, Spanish*

Secondary Education, Certificate [11]
Areas: *Art, Biology, Business Education, Chemistry, Chinese, Earth and Space Science, Economics, English, French, General Science, Geography, History, Mathematics, Music, Physics, Political Science/American Government, Spanish*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Art, Secondary Education – Biological Science, Secondary Education – Business Education, Secondary Education – Chemistry, Secondary Education – Chinese, Secondary Education – Earth and Space Sciences, Secondary Education – Economics, Secondary Education – English, Secondary Education – French, Secondary Education – General Science, Secondary Education – Geography, Secondary Education – German, Secondary Education – History, Secondary Education – Mathematics, Secondary Education – Music, Secondary Education – Physics, Secondary Education – Political Science/American Government, Secondary Education – Spanish*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Virginia

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Virginia in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Business Education, Economics, General Science, Geography, History, Physical Education, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Business Education, Economics, General Science, Geography, Health, History, Physical Education, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Business Education, Economics, General Science, Geography, Health, History, Physical Education, Political Science/American Government*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Business Education, Secondary Education – Economics, Secondary Education – General Science, Secondary Education – Geography,*

Secondary Education – History, Secondary Education – Physical Education,
Secondary Education – Political Science/American Government

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Washington

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Washington in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Edson College of Nursing and Health Innovation
Doctor of Nursing Practice specializations and Nursing Practice certifications. For a complete list of DNP specializations and NP certifications visit: https://nursingandhealth.asu.edu/programs/dnp [55].
Nurse Education in Academic and Practice Settings (Graduate Certificate) [66
Nursing, BSN [24]
Nursing (Nursing Education), MS [67]
Nursing, MS [68]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *General Science*
Secondary Education, BAE [10]
Area: *General Science*
Secondary Education, Certificate [11]
Area: *General Science*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – General Science*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Students in an ASU in Washington academic program, or any member of the public, can share concerns with the Washington Student Achievement Council at the following website: https://wsac.wa.gov/student-complaints [69].

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

West Virginia

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in West Virginia in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Health Solutions
Clinical Molecular Diagnostics (Graduate Certificate) [43]

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Areas: *Economics, Geography, Political Science/American Government*
Secondary Education, BAE [10]
Areas: *Economics, Geography, Political Science/American Government*
Secondary Education, Certificate [11]
Areas: *Economics, Geography, Political Science/American Government*
Teacher Certification (Graduate Certificate) [12]
Areas: *Secondary Education – Economics, Secondary Education – Geography, Secondary Education – Political Science/American Government*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Wisconsin

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Wisconsin in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]
Counseling, MC [13]

Mary Lou Fulton College for Teaching and Learning Innovation
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*

The College of Liberal Arts and Sciences
Addiction and Substance-Use Related Disorders (Graduate Certificate) [44]
Addiction Psychology, MS [56]

State nursing board

Wisconsin Board of Nursing [70] has recognized Arizona State University's Edson College of Nursing and Health Innovation as an approved out of state nursing school [71].

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Wyoming

As a participating State Authorization Reciprocity Agreement (SARA) institution, Arizona State University is authorized to offer distance education to persons located in Wyoming in accordance with NC-SARA established policies and standards; program exceptions are noted below. A program exception is a program unavailable in the state.

Program exceptions

College of Integrative Sciences and Arts
Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS [3]

Mary Lou Fulton College for Teaching and Learning Innovation
Secondary Education (Teacher Certification), MEd [9]
Area: *Dance*
Secondary Education, Certificate [11]
Area: *Dance*
Special Education (Teacher Certification), MEd [4]
Area: *Moderate/Severe Disabilities*
Teacher Certification (Graduate Certificate) [12]
Area: *Secondary Education – Dance*

Professional licensure and certification

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure [6] webpage.

Complaint procedure

Arizona State University will take appropriate action to seek resolution when a student complaint is brought to our attention. Students wishing to file a complaint are encouraged to first utilize the University's internal complaint policies. Additionally, distance education students may seek redress for a non-academic complaint, after first completing the institutional complaint procedure and the Arizona Board of Regent's complaint process, by filing a Complaint Form via the AZ SARA complaint process [7]. The appeal must be brought within two years of the incident about which the complaint is made. Distance education students should see Policies [8] for further information.

Questions about state authorization?

For additional information, please email: askcompliance@asu.edu.

Source URL: https://admission.asu.edu/academics/authorizations

Links:
[1] https://nc-sara.org/
[2] https://azsara.arizona.edu/
[3] https://degrees.apps.asu.edu/bachelors/major/ASU00/LSCAPSAABS/counseling-and-applied-psychological-science-substance-abuse-and-addictions
[4] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TESECRTMED/special-education-teacher-certification-med
[5] https://degrees.apps.asu.edu/masters-phd/major/ASU00/LWJDJD/juris-doctor-jd
[6] https://admission.asu.edu/academics/licensure
[7] https://azsara.arizona.edu/complaints
[8] https://asuonline.asu.edu/about-us/policies/
[9] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TESCERTMED/secondary-education-teacher-certification-med
[10] https://degrees.apps.asu.edu/bachelors/major/ASU00/TESEDBAE/secondary-education
[11] https://degrees.apps.asu.edu/minors/major/ASU00/TESEDCERT/secondary-education
[12] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TETEACGRCT/teacher-certification-graduate-certificate
[13] https://degrees.apps.asu.edu/masters-phd/major/ASU00/EDCOUNMC/counseling-mc
[14] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUACPNGRCT/acute-care-pediatric-nurse-practitioner-graduate-certificate
[15] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUAGNPGRCT/adult-gerontology-nurse-practitioner-graduate-certificate
[16] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUANPACDNP/advanced-nursing-practice-acute-care-pediatric-nurse-practitioner-dnp
[17] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUANPAGDNP/advanced-nursing-practice-adult-gerontology-nurse-practitioner-dnp
[18] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUANPFNDNP/advanced-nursing-practice-family-nurse-practitioner-dnp
[19] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUANPNDNP/advanced-nursing-practice-neonatal-nurse-practitioner-dnp
[20] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUANPPDNP/advanced-nursing-practice-primary-care-pediatric-nurse-practitioner-dnp
[21] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUANPCFDNP/advanced-nursing-practice-psychiatric-mental-health-nurse-practitioner-dnp
[22] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUANPWHDNP/advanced-nursing-practice-women's-health-nurse-practitioner-dnp

[23] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUFMPGRCE/family-nurse-practitioner-graduate-certificate
[24] https://degrees.apps.asu.edu/bachelors/major/ASU00/NUNURDBSN/nursing
[25] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUPDNPGRCT/primary-care-pediatric-nurse-practitioner-graduate-certificate
[26] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUPMNUPRCE/psychiatric-mental-health-nurse-practitioner-graduate-certificate
[27] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUWHNPGRCT/women's-health-nurse-practitioner-graduate-certificate
[28] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TEECDMED/curriculum-and-instruction-early-childhood-education-med
[29] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TEECDTCMED/early-childhood-education-teacher-certification-med
[30] https://degrees.apps.asu.edu/bachelors/major/ASU00/TEECDEDBAE/early-childhood-education
[31] https://degrees.apps.asu.edu/minors/major/ASU00/TEECDCERT/early-childhood-education
[32] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TEECSTCMED/early-childhood-special-education-teacher-certification-med
[33] https://degrees.apps.asu.edu/minors/major/ASU00/TEECSCERT/early-childhood-special-education
[34] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TEPRINMED/educational-leadership-principalship-med
[35] https://degrees.apps.asu.edu/masters-phd/major/ASU00/TEEEACLMED/elementary-education-teacher-certification-med
[36] https://degrees.apps.asu.edu/bachelors/major/ASU00/TEEEDBAE/elementary-education
[37] https://degrees.apps.asu.edu/minors/major/ASU00/TEEEDCERT/elementary-education
[38] https://degrees.apps.asu.edu/minors/major/ASU00/TEMSPECERT/mild-moderate-special-education
[39] https://degrees.apps.asu.edu/bachelors/major/ASU00/TESPCEDBAE/special-education
[40] https://www.bppe.ca.gov/
[41] https://california.asu.edu/
[42] https://catalog.asu.edu/bppe-policies
[43] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NHCMDGRCT/clinical-molecular-diagnostics-graduate-certificate
[44] https://degrees.apps.asu.edu/masters-phd/major/ASU00/LAASRDGRCT/addiction-and-substance-use-related-disorders-graduate-certificate
[45] https://www.bppe.ca.gov/enforcement/complaint.shtml
[46] https://helc.osse.dc.gov/
[47] https://washingtondc.asu.edu/
[48] https://helc.osse.dc.gov/topic/helcadmin/community-stakeholders/public-complaints
[49] https://degrees.apps.asu.edu/masters-phd/major/ASU00/NHCYTOLMS/cytology-ms
[50] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEPRINMED/graduate/false
[51] https://www.uog.edu/
[52] https://cca.hawaii.gov/hpeap/
[53] https://hawaii.asu.edu
[54] https://cca.hawaii.gov/hpeap/files/2013/08/Student-Complaint-Form.pdf
[55] https://nursingandhealth.asu.edu/programs/dnp
[56] https://degrees.apps.asu.edu/masters-phd/major/ASU00/LAADPSYMS/addiction-psychology-ms
[57] https://mbon.maryland.gov/Pages/default.aspx
[58] https://mbon.maryland.gov/Pages/endorsement-approved-nursing-programs.aspx
[59] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSBEVHEDBH/graduate/false
[60] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHBVHCDBH/graduate/false
[61] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHBVHMDBH/graduate/false
[62] http://www.op.nysed.gov/
[63] https://degrees.apps.asu.edu/masters-phd/major/ASU00/ARURBMUEP/urban-and-environmental-planning-muep
[64] https://degrees.apps.asu.edu/bachelors/major/ASU00/ARPUPBSP/urban-planning
[65] http://pcc.palau.edu/
[66] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURSEDCE/graduate/false
[67] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURSEDMS/graduate/false

[68] https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURDTMS/graduate/false
[69] https://wsac.wa.gov/student-complaints
[70] https://dsps.wi.gov/pages/BoardsCouncils/Nursing/Default.aspx
[71] https://dsps.wi.gov/Pages/Professions/NursingSchools.aspx

Student Privacy: Family Educational Rights and Privacy Act (FERPA)

The federal Family Educational Rights and Privacy Act (also called FERPA or the Buckley Amendment) affords students certain privacy rights regarding their education records. Those rights are summarized below. For more detailed information about FERPA, consult SSM 107-01: Release of Student Information [1] or contact University Registrar Services [2].

Student rights

The right to inspect

The right to inspect and review the student's education records within 45 days of the day the university receives a request for access. Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

Note: Students must provide photo identification in order to access their education records.

The right to amend

The right to request the amendment of the student's education records that the student believes are inaccurate or misleading. Students who believe their record is inaccurate or misleading should write to the university official responsible for the record. Clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the university decides not to amend the record as requested by the student, the university will notify the student of the decision and advise the student of his or her right to a hearing about the request for amendment. Additional information about the hearing procedures will be provided to the student when notified of the right to a hearing.

Note: FERPA does not address grade disputes or grievances, which are pursued through other university and/or college procedures.

The right to consent

The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. School officials are administrators, faculty, professional staff, academic advisors, clerical or support employees, including ASU law enforcement unit personnel and ASU health staff; volunteers; a person or company with whom the university has contracted as its agent, acting with a legitimate educational interest, to provide a service instead of using university employees or officials (such as an attorney, auditor, collection agent, service provider); a person serving on the Board of Regents; staff in the Alumni Association and ASU Foundation offices; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the interest in an education record is justified under one or more of the following conditions:

- the information or records requested are relevant and necessary to accomplish some task or determination related to the legitimate educational interest of the student
- the official needs to review an education record in order to fulfill his or her professional responsibilities for the university

- the task or determination is an employment responsibility or a properly assigned subject for the inquirer's determination and/or
- the task or determination is consistent with the purpose for which the records, information, or data are maintained.

Note: A parent of a dependent student may challenge denial of access to the dependent student's record by producing the most current copy of Internal Revenue Form 1040. (Dependency is defined in Section 152 of the Internal Revenue Code.) If that form lists the student in question as a dependent, the parent will be required to sign an Affidavit of Dependency which affirms that the student is his/her tax dependent. The affidavit will be retained by the University Registrar's Office and must be renewed each tax year. Upon receipt of these documents, the dependent student records may be made available to the parent as specified under FERPA.

The right to file a complaint

The right to file a complaint with the U.S. Department of Education concerning alleged failures by Arizona State University to comply with the requirements of FERPA. Students are encouraged to first contact University Registrar Services at (480) 965-7302. A complaint may be filed in writing with the Department of Education at the following address: Family Policy Compliance Office U.S. Department of Education 400 Maryland Avenue, SW Washington, DC, 20202

Definitions

Student —Any individual formally admitted who is or has been in attendance at ASU. The term does not apply to applicants for admission, nor does it apply to persons who have been admitted but who have not registered.

Education record —Any record(s) directly related to a student and maintained by ASU or by a party acting for the university. Education records include any information or data recorded in any medium, including but not limited to handwriting, print, computer media, video or audio tape, film, microfilm, and microfiche.

Directory information — Information that may be released to anyone without the consent of the student, unless the student indicates otherwise, except to the extent that FERPA authorizes disclosure without consent:

- Student name
- Addresses (e.g., local, home, mailing and ASU e-mail, including directory number)
- Telephone numbers
- Date of birth
- Degrees, honors and awards received (including Dean's List, National Merit, National Achievement, and National Hispanic Scholars)
- Most recently attended educational institution
- Academic level
- Major
- College
- Dates of attendance
- Enrollment status (e.g., undergraduate or graduate, full-time or part-time)
- Participation in officially recognized activities/sports
- Weight/height of members of athletic teams

Personally identifiable information — Includes not only the name of the student and other personal identifiers, but also a list or description of personal characteristics or any other information that, alone or in combination, is linked or linkable to a specific student that would allow a reasonable person in the school community, who does not have personal knowledge of the student and/or relevant circumstances, to identify the student with reasonable certainty. Further, personally identifiable information includes all information about a student that is not defined as directory information, as well as any information that the student has indicated may not be released, including directory information.

My ASU Parent Guest Access

My ASU Parent Guest Access is an online tool that allows students to share FERPA-protected information with parents and guests. Students have the choice to share some or all of their FERPA-protected information with parents and guests. For more information visit My ASU Parent Guest Access [3].

Student control of directory information

Students may control release of directory information by submitting a Withhold Directory Information Request [4] form.

Unless otherwise requested, a student's name, college, major, enrollment status (undergraduate or graduate), and ASU e-mail address will appear in the directory of faculty, staff, and students in ASU's online directory. To avoid the release of directory information on the web or in general, the Withhold Directory Information Request [4] form must be submitted.

ASU has a policy that regulates and permits the sale of enrolled student directory information only through University Registrar Services. If a FERPA directory hold is on the student's record, the directory information will not be included in these requests.

Students accessing education records or receiving university services must provide proof of identification.

For more detailed information on ASU's FERPA policy, please see SSM 107-01: Release of Student Information [1].

Questions or requests for additional information may be directed to University Registrar Services' Records & Enrollment Services at registrar@asu.edu.

Transaction by proxy

Students unable to process transactions in person or via My ASU [5] may designate another person to process transactions on their behalf by proxy [6].

FAQs

FERPA FAQs for Students [7]
FERPA FAQs for Faculty & Staff [8]

Related policies

SSM 107-02: Lost, Stolen, or Inappropriately Disclosed Student Records Information [9]
ACD 304-01: Examinations and Grade Posting [10]

Source URL: https://registrar.asu.edu/policies/ferpa

Links:
[1] https://www.asu.edu/aad/manuals/ssm/ssm107-01.html
[2] https://registrar.asu.edu/contact/office-university-registrar
[3] https://registrar.asu.edu/parent-guest-access
[4] https://registrar.asu.edu/forms/withhold-directory-information-request
[5] https://my.asu.edu/
[6] https://registrar.asu.edu/forms/Proxy
[7] https://registrar.asu.edu/faqs?field_topic_target_id=5
[8] https://registrar.asu.edu/faqs?field_topic_target_id=3
[9] https://www.asu.edu/aad/manuals/ssm/ssm107-02.html
[10] https://www.asu.edu/aad/manuals/acd/acd304-01.html

Student Right to Know Act and Higher Learning Commission Data

As part of the federal Student Right to Know Act, institutions receiving Title IV funding are required to disclose certain information, such as completion or graduation rates of degree seeking, full-time students entering the institution, to current and prospective students. Similarly, the Higher Learning Commission requires that institutions publish student achievement information, such as completion rates, job placement rates or other information useful for current and prospective students. In furtherance of those mandates, the following “Facts About ASU” section provides valuable consumer information about the success of ASU’s students.

Facts About ASU
Arizona State University has a national reputation as a leading research institution. ASU produces more graduates than any other university in the state. Students from around the nation and the world choose ASU because of its diversity and quality of academic, student, and research programs, beautiful campus settings, and the value of the ASU degree in today’s world.

Academic environment
ASU offers over 400 undergraduate majors and over 450 graduate programs. In Fall 2024, when looking at majors with concentrations, students were enrolled in 6 associate's programs, 440 bachelor’s degree programs, 307 master’s degree programs, 129 doctoral programs, and one law degree program. A list of all degrees offered can be found here: https://degrees.asu.edu/ [1].

Total ASU students
In the 2023-24 academic year, Arizona State University (ASU) enrolled over 183,000 students across its various campuses. The student distribution was as follows: Tempe (61,493), Downtown Phoenix (11,417), Polytechnic (6,769), West (5,357), Online (97,716), and Other Locations (1,234). By Fall 2024, ASU's total enrollment was 152,812 students. Of these, 79,818 were enrolled in campus immersion programs, while 72,994 were part of digital immersion programs. ASU attracted students from all 50 U.S. states and 178 countries in Fall 2024. Additionally, 40% of enrolled students were Arizona residents.

New ASU students
In Fall 2024, Arizona State University enrolled 17,269 first-year students, including 13,985 full-time students. Among these full-time first-year students, 29.4% graduated in the top 10% of their high school class. The average ACT composite score for full-time first-year students was 24, and their average SAT combined score was 1241. Additionally, ASU welcomed 15,221 new transfer students, with 22.6% transferring from community colleges in Arizona.

Undergraduate enrollment
In Fall 2024, Arizona State University enrolled 119,676 undergraduate students. Seniors made up the largest portion of the undergraduate population, with 43,248 students, followed by juniors (32,340), sophomores (23,915), and freshmen (18,940), while 1,233 students were enrolled as nondegree seekers. Seniors accounted for more than a quarter of the total student body and over a third of the undergraduate enrollment. The undergraduate student profile reflects a diverse and dynamic community, with 45.3% identifying as ethnic minorities, 4.5% as U.S. nonresident students, and 68.4% enrolled full-time. The average undergraduate student age was 24.2 years.

Graduate enrollment
In Fall 2024, Arizona State University enrolled 33,136 graduate students. This included 26,200 master's students, 4,546 doctoral students, 749 first professional students, and 1,641 nondegree graduate students. The graduate student body was diverse, with 31.8% identifying as ethnic minorities and 23.0% as U.S. nonresident students. Additionally, 50.8% of graduate students were enrolled full-time. The average age of graduate students was 30.7 years.

Degrees awarded & graduate rates
In 2023-24, ASU awarded four associates, 23,678 bachelor’s degrees, 12,390 master’s degrees, 730 doctoral and 290 law degrees, resulting in a total of 37,092 degrees awarded.

The graduation rate for 2018 full-time first-year students graduating in six years or less was 68.0%. The transfer-out rate for 2018 full-time first-year students was 18.1%. The six-year graduation rate for 2018 full-time first-year students receiving Pell grants, receiving subsidized Stafford Loans but no Pell grant, and receiving neither Pell grant nor Stafford loan was 60.1%, 61.0% and 74.1%, respectively.

The graduation rate for 2019 campus immersion full-time lower-division transfer students graduating in five years or less was 66.3%. The graduation rate for 2020 campus immersion full-time upper-division transfer students graduating in four years or less was 77.8%.

Student-athlete profile
Among student-athletes in the 2017-18 cohort, 71% graduated within six years. The latest NCAA Graduation Success Rate for Division I institutions is 93%. For more details on student-athlete graduation rates, visit: http://www.ncaa.org/about/resources/research/graduation-rates [2]. For information about the Equity in Athletics Disclosure Act, please visit: https://www.asu.edu/fs/documents/FY24-EADA-PublicRelease.pdf [3].

Career outcomes
ASU's Career Services posts career outcomes data at the following address: https://career.asu.edu/ [4]. Additional information on ASU student career outcomes can be found through the Arizona Board of Regents Alumni Wages report (https://www.azregents.edu/reports [5]) or the Post-Secondary Employment Outcomes Explorer through the US Census Bureau (https://lehd.ces.census.gov/applications/pseo/?state=04&type=earnings&compare=postgrad&specificity=2&institution=00108100 [6])

Source URL: https://uoia.asu.edu/sites/g/files/litvpz1436/files/2025-03/Student's-Right-to-Know-Act.pdf

Links:
[1] https://degrees.asu.edu/
[2] http://www.ncaa.org/about/resources/research/graduation-rates
[3] https://www.asu.edu/fs/documents/FY24-EADA-PublicRelease.pdf
[4] https://career.asu.edu/
[5] https://www.azregents.edu/reports
[6] https://lehd.ces.census.gov/applications/pseo/?state=04&type=earnings&compare=postgrad&specificity=2&institution=00108100

Transcripts

Official and unofficial ASU academic transcripts are available through University Registrar Services.

Sending your transcripts to ASU? Contact Admissions [1] for mailing address information.

Official transcripts

An official transcript is a copy of the student's permanent academic record issued by the University Registrar. It displays all courses taken for credit at ASU and includes all grades received. Unlike unofficial copies, paper and electronic copies of the official transcript display the ASU seal and list a print date. The official paper copies are also signed by the registrar. Effective July 1, 2024, official transcripts are not held for past due financial obligations to the university.

For students that attended the Thunderbird School of Global Management prior to December 31, 2014, information on ordering official transcripts can be found here [2].

ASU cannot send official transcripts by email or fax.

University Registrar Services has partnered with Parchment, a digital credentials service, to manage the ordering, processing, and secure electronic delivery of your official ASU transcripts.

All students are encouraged to go online to place their transcript order. This is the easiest and most efficient way to place an order for either a traditional paper transcript or electronic transcript delivery.

Electronic delivery of official transcripts

Official electronic transcripts may only be ordered using Parchment's online request system. Students choosing this option will identify their recipients by selecting them from a list within the ordering system or by providing the email address of their intended recipients.

To expedite and ensure accurate delivery, students should:

- Make sure the transcript recipient will accept the electronic transcripts, so they can avoid paying to send a replacement copy.
- Double check that the email address they provided for an institution or individual is correct, so they can avoid paying again to send a replacement electronic or paper copy.
- Provide their email addresses for notification purposes (the student's email address assists with tracking and confirming delivery by notifying the student when the transcript is sent and when it is received by the selected institution or individual).
- Instruct recipients to allow emails from Parchment (noreply@parchment.com) to avoid potential problems with spam filters.

Orders are generally processed immediately, unless you request a hold for degree or grades. (Degrees are posted approximately 6 weeks after the conferral date for the semester.)

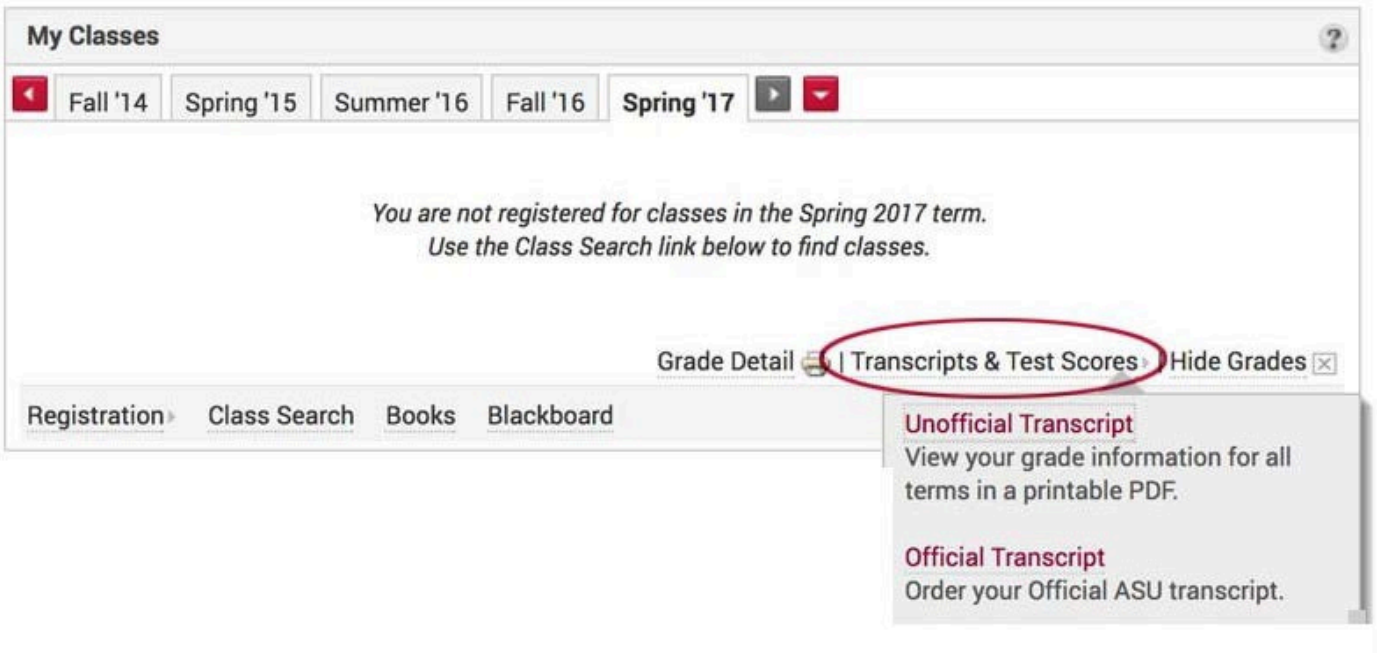
The transcript is not delivered by email; the recipient's email address is used for notification and reminder messages regarding delivery of the student's transcript to a secure site where it can be accessed.

Ordering official transcripts

Official transcripts can be ordered online or by mail.

Online

- Students who have an ASURITE ID — Sign in to My ASU [3] and order official transcripts online. In the My Classes box, click Grades & Transcripts and then Transcripts & Test Scores (see sample My ASU navigation screenshot below).
- Students who attended ASU after 1980 and who do not yet have an ASURITE ID [4] or do not know their ASURITE ID and password — Please contact the ASU Help Desk at 855-278-5080 for assistance requesting your ASURITE ID.
- Students who attended ASU prior to 1980 and do not have an ASURITE ID — Request transcripts in person or by mail.



By mail

Students may order transcripts by submitting a Request for Official Transcript Form [5] or signed letter including the following information:

- Name
- Former names (if applicable)
- Arizona State University identification number (or SSN)
- Date of birth
- First and last dates of attendance
- Current return address
- Daytime phone number
- Specific mailing address for each transcript ordered

Pre-payment is required. See costs for official transcripts below. Make check or money order payable to Arizona State University.

Send requests for official transcripts to:

Outgoing Transcripts
University Registrar Services
Arizona State University
P.O. Box 870312
Tempe, AZ 85287-0312

For further assistance, please contact Outgoing Transcripts at 480-965-7276 or academicfiles@asu.edu

In person

Students presenting photo ID may order official transcripts in person at the Cashier's Office at the following locations:

- Downtown Phoenix campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., University Center Building, Suite 112
- Polytechnic campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., Administration Building, Room 160
- Tempe campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., Student Services Building, 244
- West campus — Mon. - Fri. 8:15 a.m. to 4:30 p.m., University Center Building, Room 101

Costs

All charges for official transcripts must be paid at time of request. Official transcripts cost $15.00 per official transcript copy requested.

Starting January 6th, 2025, sales tax will be collected in compliance with federal, state, and local tax laws. This change may affect the total cost of your request based on various factors such as document type, delivery method, and location. Before completing your order online, you will see a breakdown of all charges, including any applicable taxes, to ensure total transparency.

Rush transcripts (same day service): $10.00 in addition to the costs for the total number of transcripts ordered. Available for in-person requests only.

- Special delivery in the U.S. — Special delivery processing, instead of regular mail, is available via FedEx or U.S. Express Mail at $22.00 per recipient, in addition to the costs for the total number of transcripts ordered.
- Special delivery outside the U.S. — Express delivery to addresses outside the U.S. is available through International FedEx Express or International Express Mail at $38.00 per recipient, in addition to the costs for the total number of transcripts ordered.

FedEx requires a street address for delivery. FedEx charges an additional fee for all returned shipments, and the student will be responsible for paying the total amount before the transcript(s) will be mailed.

Transcripts will not be reissued after 90 days from the processed date.

Fees subject to change without notice.

Apostille

For information on requesting an Apostille [6].

Unofficial transcripts

An unofficial transcript is an uncertified copy of the student's academic record. In addition to courses taken for credit at ASU and grades received, unofficial transcripts also include information such as note records regarding Dean’s List achievement, grade changes, semester GPAs and probation/disqualification status.

For students that attended the Thunderbird School of Global Management prior to December 31, 2014, information on ordering unofficial transcripts can be found here [7].

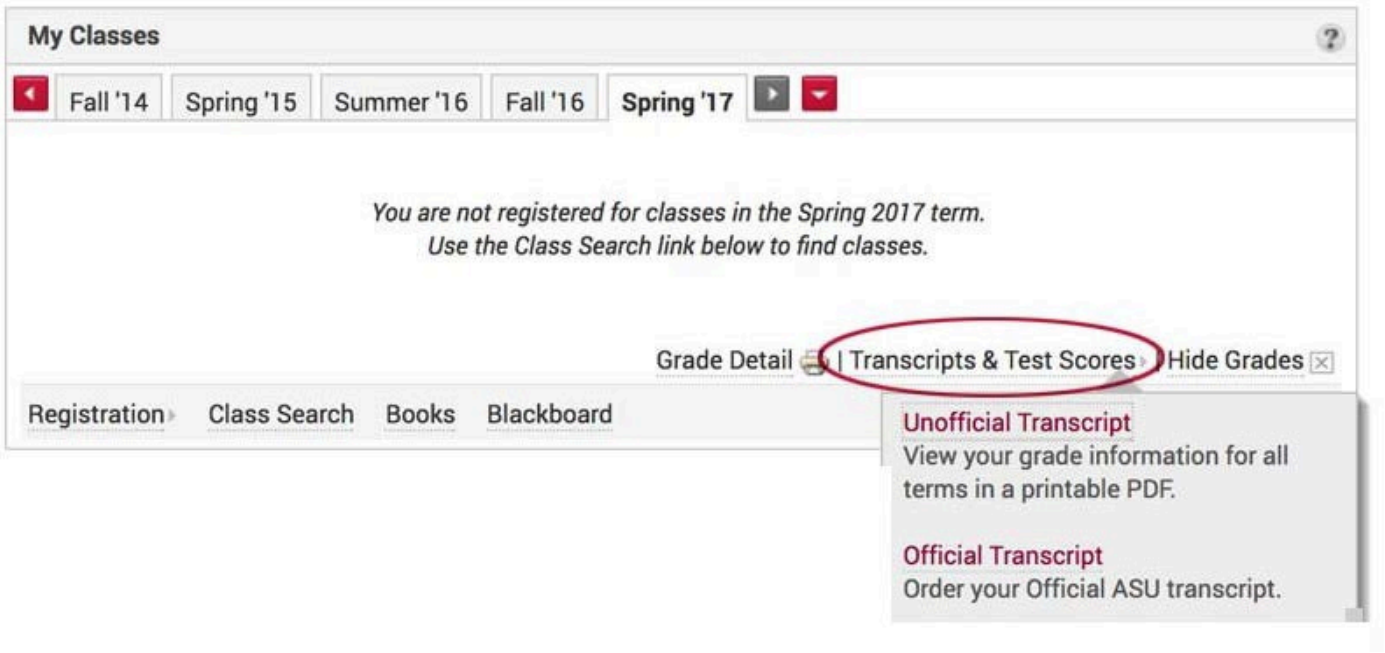
Accessing and ordering unofficial transcripts

Here's how to view and request unofficial transcripts:

Online

- Students and former students who have an ASURITE ID — Sign in to view and print an unofficial transcript [8]. You may need to temporarily disable pop-up blocker for this site to retrieve your transcript.
- Students who attended after 1980 and who do not have an ASURITE ID or do not know their ASURITE ID and password — Request an ASURITE ID [4] to access unofficial transcripts online by contacting the ASU Help Desk at 855-278-5080.
- Students who attended prior to 1980 — ASU does not offer online transcript services for students who attended prior to 1980. Request the unofficial transcript in person, by mail or by fax.

You should be in your My ASU student view to access your transcripts. If you have both a student and staff view, this will be indicated in the top right of your screen.



By mail or fax

Students may order an unofficial transcript by mailing or faxing a signed letter including the following information about the student:

- Name and former names (if applicable)
- Arizona State University identification number (or SSN)
- Date of birth
- First and last dates of attendance
- Current return address
- Daytime phone number
- Return Fax number or specific mailing address

Requests for unofficial transcripts by mail or fax must be signed by the student. No computer generated signatures will be accepted. Please send requests for unofficial transcripts to:

Outgoing Transcripts
University Registrar Services
Arizona State University
P.O. Box 870312
Tempe, AZ 85287-0312

Fax: 602-543-8312

In person

Students presenting photo ID may order unofficial transcripts in person at any campus registration site [9].

Costs

There is no fee for an unofficial transcript. For assistance, please contact University Registrar Services [9].

Transcript FAQs

Have questions? Here are the most common FAQs [10].

If you have an ASURITE ID, want to order online, and are familiar with the applicable transcript policies, you can access your transcripts through My ASU [3].

Click Grades & Transcripts in the My Classes box, then Transcripts & Test Scores.

Source URL: https://registrar.asu.edu/transcripts

Links:
[1] https://admission.asu.edu/contact
[2] https://registrar.asu.edu/Thunderbird_Transcripts
[3] https://my.asu.edu/
[4] https://asu.my.salesforce-sites.com/kb/articles/FAQ/How-do-I-get-an-ASURITE-ID-if-I-m-a-former-student
[5] https://registrar.asu.edu/forms/official-transcript-request
[6] https://registrar.asu.edu/apostille
[7] https://registrar.asu.edu/transcripts-thunderbird#unofficialtranscripts
[8] https://www.asu.edu/go/unofficialtranscript/
[9] https://registrar.asu.edu/contact/office-university-registrar
[10] https://registrar.asu.edu/transcript-faqs

Apostille

Some international organizations may ask for the attachment of an apostille to certain documents. An apostille is an additional level of authentication given to a notarized document to certify that the document is a true, i.e., exact, copy of the original.

Arizona State University can provide notarization of official transcripts or your diploma to submit to the Arizona Secretary of State's Office for apostille purposes. Before requesting notarization, please check with the agency requesting your documents to determine what level of document verification is required.

For more information on how to request notarized official transcripts, please contact Outgoing Transcripts at 480-965-7276 or academicfiles@asu.edu.

For more information on how to request a notarized diploma, please visit this page [1] or contact Graduation at 480-965-3256 or graduation@asu.edu.

You will be responsible for submitting the notarized document(s) to the Arizona Secretary of State's Office to request the apostille. Review the complete instructions for filing an apostille request [2].

Source URL: https://registrar.asu.edu/apostille

Links:
[1] https://registrar.asu.edu/diploma
[2] https://azsos.gov/services/apostille-document-authentication

Transcript FAQs

Can a student enroll in school after the drop/add deadline?
Provided that the student has been admitted to the university, college approval is required to register for classes after the Drop/Add deadline. Contact the college offering the desired course and follow the instructions given. For initial registration, contact the college of your major. Consult the academic calendar [1] for important deadlines and view detailed instructions on dropping and adding classes [2].

Can someone else order/pick up my official transcript for me?
Yes, someone else may order or pick up your official transcript as long as you give written and signed authorization to do so. The request must include all the information requested for ordering an official transcript.

Does my ASU transcript list courses I transferred from other institutions?
No. Credit is awarded for traditional course work successfully completed at institutions of higher learning as indicated by ASU and the Arizona Board of Regents. However, only the name of the institution(s) and degrees awarded are listed on the ASU transcript.

How can I give my parent/guardian or another individual access to my records?
The Consent for Access to Educational Records or Proxy form [3] is available online. Follow the instructions on the form and turn it in to any registration location [4]. Read more about the privacy of your educational records [5].

How can I obtain a copy of previous school transcripts?
You may request unofficial copies of transcripts from other schools if they were submitted to ASU and if they remain on file. If you are requesting transfer transcripts for official purposes, you must order transcripts from the issuing institutions.

How do I find my ID Number?
Your ASU ID or affiliate number can be found on your Sun Card [6] listed as a 10-digit number, or you can login to My ASU [7] and look under ID's on the My Profile tab.

How do I find out what Holds are on my record?
Holds are listed on your My ASU [7] page under the My Tasks section. There are two types of holds: financial aid disbursement holds and registration holds. Click on the title of Hold to find out how to have the hold removed.

How do I find the pre-requisites for a course?
Search for the course in the Schedule of Classes [8]. The pre-requisites are listed in the Enrollment Information section of the Class Detail.

How do I get a course description for courses listed on my ASU transcript?
Course descriptions for catalogs after 1996 can be printed from the web at the catalog web site [9]. For course descriptions prior to 1996, contact University Archives archives@asu.edu or 480-965-4932.

How do I get an override for a class?
Contact the department offering the desired course, and follow the instructions they provide. Overrides are given either online or on paper. Paper forms must be processed in person at any registration location [4].

How do I order official transcripts?
Official transcripts can be ordered online via My ASU [7], in person or through the mail. Read more detailed information about ordering official transcripts [10].

How do I register for classes? How do I drop/add/swap a class?
To register for the first time or make any changes to your existing registration you have the following options: Log into My ASU [7] and navigate to the My Classes box. Use the registration link and follow the three easy steps listed there. Registration is available 24 hours per day, excluding scheduled outages. You may also visit any registration location [4] to register in person. See detailed instructions [11] and check the academic calendar [12] for important drop/add/withdrawal deadlines.

How long does it take for my degree to post to my transcript?
The majority of degrees are posted within10-14 days of the degree conferral date. If you need to request an official transcript with your degree posted, you have the option to "hold for degree" which will ensure your official transcript will not be issued until your degree is posted.

How long does it take for my transfer work to appear on my record?
Once the transcript is received, normal processing time is four to six weeks.

I have an immunization hold. What do I need to do?
All students born after January 1, 1957 are required to meet the MMR (Measles, Mumps, Rubella) immunization requirement before class registration. Students have two options for completing this requirement and both are explained here [13]. The MMR vaccine is available for a fee at any of ASU's Health Services [14] locations.
Read additional information [15] about ASU's Immunization Policy FAQ's [16].

What if I have a delinquent account? Can I still obtain a transcript?
You may obtain an unofficial and official transcripts if you have past due financial obligations to the university. Graduates with a delinquent financial obligation of $25 or more will not receive a diploma until their account is paid. Questions about delinquent accounts can be directed to Collections at 480-965-5220.

What is the procedure to change my name on my ASU transcript?
Currently enrolled, newly admitted/readmitted or former ASU students may submit a Student Change of Legal Name Form electronically through DocuSign, by mail, in person or by scanning and e-mailing. All requests require two different forms of documentation, one of which must be picture identification (state/government issued photo ID or ASU Sun Card) and one of the following: marriage license/certificate, adoption papers, court order, divorce decree, social security card or passport/permanent visa. The link to the DocuSign form and paper form can be found at /forms/name-change [17]. For further assistance email registrar@asu.edu or call 480-965-7276.

Where is the schedule of classes available?
The schedule of classes [18] can be found online. A link is also available in the My Classes box in My ASU [7].

Who can I contact if I'm having problems registering for a class?
Contact any registration site on any campus. View locations and hours [4].

Why isn't my class showing up in Canvas?
Once registered for a course, it can take 24 hours for the course to appear. If the course still does not appear, contact the Help Desk at 480-965-6500. Be sure to verify you are registered for the course by checking your class schedule on My ASU [7].

Will ASU hold my transcript and not send it out until my degree or a specific grade is posted?
On the Request for Official Transcript form or the online ordering system, you may request one of the following holds:

- Hold until degree is posted - Your transcript will not be sent until your degree is posted to your ASU transcript.
- Hold until grades are posted - Your transcript will not be sent until all grades for the term you specified on your order are posted to your ASU transcript.

Source URL: https://registrar.asu.edu/transcript-faqs

Links:
[1] https://registrar.asu.edu/academic-calendar
[2] https://registrar.asu.edu/drop-add
[3] https://registrar.asu.edu/parent-guest-access
[4] https://registrar.asu.edu/contact/office-university-registrar
[5] http://students.asu.edu/policies/ferpa
[6] https://cfo.asu.edu/suncard
[7] https://my.asu.edu/
[8] https://www.asu.edu/go/classsearch/
[9] https://webapp4.asu.edu/catalog/
[10] https://registrar.asu.edu/transcripts
[11] https://registrar.asu.edu/drop-add
[12] https://registrar.asu.edu/academic-calendar

[13] https://eoss.asu.edu/health/parents/immunization
[14] https://eoss.asu.edu/health/contact
[15] https://www.asu.edu/aad/manuals/ssm/ssm106-01.html
[16] https://eoss.asu.edu/sites/default/files/ASU_MMR_Immunization_FAQ.pdf
[17] https://registrar.asu.edu/forms/name-change
[18] http://www.asu.edu/schedule

Undergraduate policies and procedures

Admission

First-year students

We're here to help make each step toward becoming a Sun Devil a smooth experience. Follow the steps below to apply to become a first-year student at ASU.

Admission requirements

Course competency requirements

To be admitted to ASU, you need the following coursework:

- 4 years math
- 4 years English (non-ESL/ELL courses)
- 3 years lab sciences (1 year each from biology, chemistry, earth science, integrated sciences or physics)
- 2 years social sciences (including 1 year American history)
- 2 years same second language
- 1 year fine arts or 1 year career and technical education

Detailed course requirements [1]

Aptitude requirements

To be admitted to ASU, you will need one of the following:

- top 25% in high school graduating class
- 3.00 GPA in competency courses (4.00 = "A")
- ACT: 22 (24 nonresidents)
- SAT: 1120 (1180 nonresidents)

These are the general university admission requirements. Students who do not meet these aptitude requirements may be reviewed individually before a final admission decision is made. Some degree programs have higher aptitude requirements. To find the requirements for your specific program, please visit ASU's Degree Search [2].

Applicants must successfully complete the ASU competency requirements. Admission may be granted with one deficiency in no more than two competency areas. Deficiencies cannot be in both math and laboratory science. Students must earn a minimum 2.00 in each subject area. Most competencies may also be met by test scores or college courses.
See detailed competency requirements [3] for more information.

How to apply to ASU

Step 01: Complete an undergraduate admission application
Apply online with ASU's Application for Admission [4] or Common Application [5]. You need to submit only one application to be considered for admission to ASU.

To expedite the admission decision, self-report your high school grades in the application.

Choose to not self-report → quicker application process, but takes a little longer for an admission decision.

Choose to self-report → application takes longer to complete, but the admission decision comes much faster.

ASU does not have a preference for which application you use to apply, and we do not require an essay or personal statement for either of these options.

Step 02: Submit the nonrefundable application fee
Arizona residents: $50
Domestic nonresidents: $80
ASU Online: $70
International nonresidents: $85

You can pay using a credit card (Visa or Mastercard) or eCheck at the time you submit your application or when you log in to My ASU [6]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

> Admission Services Applicant Processing
> Arizona State University
> PO Box 871004
> Tempe, AZ 85287-1004

If you applied for admission through the Common Application [5], pay the application fee through that application.

Fee waivers
There is no form, paper or code to submit for an application fee waiver. If your financial circumstances qualify you for an application fee waiver, you will answer a series of questions in the application that will automatically qualify you and post to your account.

Step 03: Transcripts
If you do not self-report your high school grades in the application, you must have your high school send an official copy of your transcripts [7] to ASU.

If you have earned college or university credit, request to have your official transcripts [7] sent to ASU from the issuing institution.

Step 04: ACT or SAT scores (optional)
ACT or SAT scores are not required for admission, but may be submitted for ASU course placement or as supplemental information. Have your scores sent to ASU from ACT [8] or College Board [9] when you register for the test. Learn more about sending your test scores to ASU in our FAQ section [10].

Step 05: Check application status
Once you've completed all these steps, ASU will review your application. To see if you have any missing items and to review your admission status, sign in to My ASU using your ASURITE UserID, which is sent to you after you apply for admission.

Check application status

Step 06: Fill out the FAFSA
The Free Application for Federal Student Aid [11] is used to award grants, loans, Federal Work-Study and certain scholarships. We encourage you to compare financial aid and college costs. ASU's Federal School Code is 001081.

Submit your completed FAFSA by ASU's Feb. 1 priority filing date to be considered for the most need-based aid.

Here are important deadlines you need to know for fall 2025

To help you stay on track with the admission and financial aid processes, here are the important deadlines you need to know.

Priority admission date

Complete your application for fall 2025 admission [4] by the **Nov. 1 priority admission date** to ensure you're considered for the maximum amount of scholarship opportunities.

Regular admission date

ASU's regular admission **date is Jan. 15**. Make sure to complete your fall 2025 admission application by this date.

ASU's Scholarship Universe

ASU's Scholarship Universe opened for admitted students on Oct. 1, 2024. Students can build their profile, match with and apply for scholarships.

FAFSA priority date

The 2025–2026 Free Application for Federal Student Aid [11] is now open. ASU's priority FAFSA filing date is Feb. 1, 2025.

ASU's Federal School Code is 001081.

Obama Scholars Program priority date

Obama Scholars Program

Students must complete two steps by the dates below to be considered and evaluated for the Obama Scholars Program [12].

Jan. 15 application deadline — Students must submit their complete ASU admission application. A complete application includes the admission application and application fee.

Feb. 1 FAFSA submission deadline — Students must have their FAFSA submitted by Jan. 15 to be eligible for Obama Scholars review.

Arizona Promise Program priority date

Arizona Promise Program

To be considered for the Arizona Promise Program [12], you must submit a completed application for admission, including application fee or waiver, official transcripts, and the FAFSA, by **April 1, 2025**. The sooner you complete all these items, the sooner you receive your notification.

Barrett, The Honors College

Barrett, The Honors College [13] is a community of scholars at all four ASU campuses which offers a unique curriculum and honors-only benefits to complement and enhance the Sun Devil experience. Students must apply to Barrett through a free and separate application to be considered for admission.

The Barrett application opened Sept. 4, 2024.

Prospective students should apply to ASU at least 4 weeks before their preferred Barrett deadline, which are listed below:
Early Action: Nov. 1, 2024
Regular Decision: Jan. 15, 2025
Late Consideration: March 15, 2025

National Scholars and College Board National Recognition Program Awardee

Arizona residents who've been designated as National Scholar or College Board National Recognition Program Awardees [14] must apply to ASU in order to be eligible for their scholarship.

Nation Merit Finalists must select ASU by May 1 to be awarded their scholarship.

Next Generation Service Corps

Students who join the Next Generation Service Corps [15] at ASU are committed to more than academic achievement and career preparation. This program builds a culture of service in future leaders who will go on to tackle some of the world's toughest challenges.

The application opened Oct. 15.
The priority deadline is Jan. 15 2025.

Housing portal opens

ASU's housing portal will open in early January.

New American University Scholarships

New American University Scholarships are awarded in late fall. Students are automatically considered for NAMU awards (there is no additional application). Submitting your test scores is encouraged.

Students will be notified by letter and email if NAMU is awarded.

Enrollment deposit

ASU's enrollment deposit opens in early October.

New Student Orientation Experience

Through ASU's New Student Orientation Experience, accessed online at links.asu.edu/nsoe [16] or in My ASU [6], you will prepare to take classes by completing essential next steps for enrollment.

There are three steps as part of the New Student Orientation Experience:

1. ASU Essentials (opens in October).
2. Academic Orientation Session (select your date now for a session in spring or summer).
3. ASU Ready (opens mid-summer).

Tips for applying to college

Higher admission requirements

If your first-choice major has higher requirements, you will be instructed to select a second major without higher requirements.

Common Application

ASU accepts the Common Application [5] and our own online application [4] for incoming first-year students. Only one application will be accepted, with no preference between the ASU application and the Common Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

Self-report your grades

ASU accepts self-reported high school grades on the undergraduate admission application. Submission of an ACT or SAT score is highly recommended for merit-based scholarship consideration.

Individual review

ASU admission decisions begin the first week of September. Students who do not meet the admission standards will be evaluated through individual review and may experience a longer wait time for an admission decision.

Homeschool or online/virtual high school students

ASU welcomes applications from home-educated students and students who have attended an accredited online/virtual high school. You can easily fill out the application and then include additional information to accurately demonstrate your accomplishments.

GED*

Battery average score:
50 or above for tests taken between 1998 and 2001.
500 or above for tests taken between 2002 and 2013.
170 or above for tests taken after 2013.

HiSet*

Total score of 75.

TASC (Test Assessing Secondary Completion)*

Minimum total score of 2700.
Minimum score of 500 on each of the five content areas.
Score of 2 or above on essay.

California High School Proficiency Examination

The California High School Proficiency Examination and other high school equivalency diplomas are recognized as high school diplomas, but do not satisfy course competency and aptitude requirements needed for admission. Students should submit their diploma to show completion of high school, but will also need to submit additional high school transcripts or SAT or ACT scores to satisfy course competency and aptitude requirements for admission. Alternatively, enrollment and successful completion of 24 semester credits with a 2.75 minimum GPA through Earned Admission [17], or completion of 24 or more college credits from a regionally accredited college or university with a minimum of 2.50 cumulative GPA on a 4.00 scale may be used to satisfy requirements for admission.

College Credit Pathway

Some states, including Arizona, offer a College Credit Pathway as an option for students to obtain a high school equivalency (HSE). If the HSE is obtained, ASU will accept that credential as completion of the high school graduation requirement but the student may still need additional high school coursework and/or SAT/ACT scores to meet course competency requirements and high school aptitude if the student does not have 24 transferable credits taken post high school. *Some higher requirement programs may require ACT/SAT scores or additional coursework in order to satisfy aptitude and/or course competency requirements.

Contact an admission rep [18]

Get a jump-start on your college experience

Now is the perfect time to imagine what your future will look like, and ASU is here to help you get there. See how you can start earning scholarship money, find the perfect degree program and campus, and more — all while you're in high school.

Start now [19]

Frequently asked questions about applying to college

When should I apply to college as a first-year student?
The ASU application opens on or around July 1 each year. You are encouraged to apply to ASU as early as possible. Nov. 1 is ASU's priority admission date, and Jan. 15 is ASU's regular admission date. The earlier you apply, the earlier you'll receive an admission decision and the more likely you'll be to secure the most financial aid possible.

Is it OK to submit applications to several different universities?
Yes, you should apply to all the universities you are interested in possibly attending. Just be aware that universities charge application fees, which can add up. Many universities are part of the Common Application [20], including ASU, which can save you time by using the information you enter once for several applications.

Other than the admission application, what information will I need to provide to complete the application process?
In addition to the application, you will need to submit the nonrefundable application fee, as well as self-report your high school grades or have your high school transcripts sent to ASU. ACT or SAT scores are not required for admission, but may be submitted for ASU course placement or as supplemental information.

View more FAQs [21]

Source URL: https://admission.asu.edu/apply/first-year/admission

Links:
[1] https://admission.asu.edu/first-year/competency-requirements
[2] https://degrees.asu.edu/
[3] https://admission.asu.edu/first-year/competency-requirements
[4] https://webapp4.asu.edu/uga_admissionsapp
[5] https://apply.commonapp.org/Login?ma=901
[6] https://my.asu.edu
[7] https://admission.asu.edu/apply/transcripts
[8] https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html
[9] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send
[10] https://admission.asu.edu/contact/faqs#general
[11] https://studentaid.gov/h/apply-for-aid/fafsa
[12] https://tuition.asu.edu/special-financial-assistance-programs-arizona-residents
[13] https://barretthonors.asu.edu/
[14] https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10/scholarships-and-recognition/recognition-programs
[15] https://psa.asu.edu/next-generation-service-corps
[16] http://links.asu.edu/nsoe
[17] https://ea.asu.edu
[18] https://admission.asu.edu/contact/undergraduate
[19] https://admission.asu.edu/first-year/highschool
[20] https://www.commonapp.org/
[21] https://admission.asu.edu/contact/faqs#freshman

How to meet ASU course competency requirements

Competency requirements may be met with high school work, college work or test scores. These requirements must be met regardless of your major or the number of transferable hours you have earned. Students must earn a minimum 2.00 GPA in each competency area.

Admission may be granted with one deficiency in no more than two competency areas. Deficiencies in both math and laboratory science are not acceptable.

For exceptions to the competency requirements, see below [1].

English competency requirement

Meet one of the following:

- Four years of high school English (composition- or literature-based).
- Minimum test score of 21 on ACT English, or 580 on SAT evidence-based reading and writing.
- One transferable 3-credit college English composition course.

English composition placement

All new students will be placed in First-Year Composition ENG 101. Students whose native language is not English will be enrolled in ENG 107. Enrollment in ENG 105, Advanced First Year composition, is based on placement test scores [2].

If you have college-level transfer credit or test credit equivalent to ASU's first year composition course(s), that credit will be considered in placement. You can search ASU's equivalency database for transfer credit at tcg.asu.edu [3]. If applicable, be sure to include any of the above when you register for the Academic Orientation Session.

Mathematics competency requirement

Meet one of the following:

- Four years of high school courses: one year each of algebra I, geometry, algebra II and an advanced math class for which algebra II is a prerequisite.
- Minimum test score of 24 on ACT math, or 580 on SAT math.
- One transferable 3-credit college math course for which at least intermediate algebra is a prerequisite.

Laboratory science competency requirement

Students may meet any one or a combination of the following options, provided that three distinct laboratory-based science courses are completed with a 2.00 unweighted GPA or higher.

- **Three years of high school laboratory sciences** in three different subject areas, preferably **biology, chemistry, earth science or physics**.
    - A laboratory-based **integrated science** course may be allowed to substitute for one of the three lab sciences. Each course should be one year in length.
    - Additionally, a laboratory-based **advanced science** course may be allowed to substitute for one of the three lab sciences. An advanced science class is a lab science that is generally taken in the last two years of high school and is at least one of the following:
        - an advanced placement course
        - a higher-level international baccalaureate course
        - a dual enrollment course
        - other honors course for which the previous lab science course is a prerequisite
- **Minimum test scores** in three standardized tests from three different subject matters. The following tests may be taken: SAT II subject test score in chemistry-600, biology-590, physics-620 or ACT test score in science-20.
- **Three transferable 4-credit college laboratory science courses** from the following: biology, chemistry, earth science or physics. An integrated laboratory science or advanced-level laboratory-based science may be substituted for one of these laboratory subjects.

Laboratory science courses (for online high schools only)

ASU requires students to complete three different lab sciences. In order to determine if your lab sciences meet our lab science requirement, we may need additional information from you. If we require additional information once your admission application reaches our evaluation team, you will see a Priority Task displayed on My ASU called Course Description.

You can provide the additional information required through one of the following:

- Have your high school submit your lab sciences to the courseapproval.asu.edu [4] website for ASU to review if it is not already listed on the website.
- Submit a course description form for each lab science taken in an accredited online high school environment if not already approved for your entire high school to ASU's homeschool representative.

Second language competency requirement

Meet one of the following:

- Two years of the same high school second language.
- Attainment of minimum score on a national standardized second language test or placement into a third semester college second language class based on university placement exam results.

- Two transferable 3- or 4-credit, college-level courses in the same second language.

Social science competency requirement

Meet one of the following options from Section A and one from Section B:

Section A

- One year of high school American history.
- Minimum SAT II subject test score of 560 on American history/social studies.
- One transferable 3-credit college American history course.

Section B

- One year of high school social science (e.g., European history, world history, economics, sociology, geography, government, psychology or anthropology).
- Minimum SAT II subject test score of 580 on world history.
- One transferable 3-credit college social science course.

Fine arts or career and technical education competency requirement

Meet one of the following:

- One year (or a combination of two semesters) of high school fine arts or career and technical education.
- One transferable 3-credit college fine arts course.

Exceptions

You do not need to meet competency requirements if one of the following statements is true:

- You have completed an associate or higher-level degree from a regionally accredited postsecondary institution with a minimum 2.00 GPA ("A"=4.00) if you are an Arizona resident, or you have a minimum 2.50 GPA ("A"=4.00) if you are a nonresident.
- You have completed the Arizona General Education Curriculum (AGEC) with a minimum 2.00 GPA ("A"=4.00) if you are an Arizona resident or a 2.50 GPA ("A"=4.00) if you are a nonresident.

View the Academic Catalog [5]

Source URL: https://admission.asu.edu/apply/first-year/competency-requirements

Links:
[1] https://admission.asu.edu/first-year/competency-requirements#exceptions
[2] https://english.asu.edu/admission/first-year-composition-courses/faqs
[3] https://webapp4.asu.edu/transfercreditguide/app/home
[4] https://courseapproval.asu.edu/
[5] https://catalog.asu.edu

Admitted student next steps

Welcome, first-year Sun Devil!

You're now on your way to becoming part of the most innovative and forward-thinking university in the nation.
They say the longest journey begins with a single step. Well, enrolling at ASU isn't really a "long journey," but it does begin with one step, followed by a few more. Start taking your steps and check them off as you complete them so you can get closer to becoming a Sun Devil.

Important deadlines

To help you stay on track with the fall 2025 admission and financial aid processes, check out our important deadlines page.

View deadlines

Need help?

We're here for you.
ASU admission team members can answer your questions and guide you through each step of your enrollment process between now and the time you get started. Connect and get to know your admission representative.

Schedule an appointment [2]

First-year student next steps

Activate your ASURITE User ID

Your ASURITE User ID grants you access to My ASU and university services. You'll find reminders for things like submitting your final transcripts, sending in your test scores and submitting your immunization forms.
When you activate your ASURITE User ID, you will select to have your ASU email forwarded to a personal account. You'll gain access to your official ASU email after you have attended your academic orientation session and enrolled in your first semester courses. You can check which email account your ASU email is forwarding to by looking in the Profile tab in My ASU.

Activate ASURITE [3]

If you need help logging in, you can have your activation code for My ASU sent to you by visiting admission.asu.edu/resendcode [3] or by contacting your admission team member [2].

Give your parents access to your records and account

Through My ASU Parent Guest Access, you can share your academic records with your parent or guardian, and even better, give them access to pay your tuition and bills. Go to My ASU [4], select the Profile tab at the top and find "Add a Guest" under My ASU Guest Access Permissions.

Pay your enrollment deposit

Beginning Oct. 1, you can confirm your place in the incoming fall 2025 class by submitting your deposit. Then make sure to check My ASU [4] often for any Priority Tasks you need to complete to enroll for fall 2025.

Confirm your spot [5]

Submit your FAFSA and apply for scholarships

The Free Application for Federal Student Aid for the 2025–2026 academic year opens fall 2024, but you can set up your FSA ID now to get ready to file the FAFSA. You'll need to create an FSA ID to electronically sign and submit your FAFSA. If you are a dependent, your parent (contributor on the FAFSA) will also need to create an FSA ID.

Learn more [6]

ASU's 2025-2026 Scholarship Universe will open for admitted students in October 2024. Students can build their profile, search and apply for scholarships.

Scholarship University [7]

Submit your measles, mumps and rubella immunization record

All students born after Jan. 1, 1957, are required to meet the following MMR immunization requirement [8] before classes begin:

Option 1: Provide proof of two MMR (Measles, Mumps and Rubella) vaccinations. The first MMR must be given on or after your first birthday; The second MMR must be four weeks from the first, or later.

Option 2: Provide a copy of a Measles IgG or MMR IgG lab test showing positive immunity.

Upload required documentation in My Health Portal [9].

Questions?

-
- Read additional information [10] about MMR.
- Read additional information [11] about ASU's immunization policy.

Submit MMR [9]

ASU's New Student Orientation Experience

Through ASU's New Student Experience, accessed online in My ASU, you will prepare to take classes in the fall by completing essential next steps for enrollment. There are three steps — view details here [12] and check My ASU for updates. As part of the New Student Orientation Experience, you'll meet with your academic college and finalize your class schedule. All students must complete the New Student Orientation Experience in order to enroll in classes.

New Student Orientation Experience [12]

Confirm your housing and dining

ASU first-year students live in the residential college of their academic major. Barrett, The Honors College students live in the Barrett residential community for their first two years. The priority deadline to apply for housing is May 15. Students who do not meet the deadline will need to seek alternative housing arrangements for the 2025-2026 academic year. Once you've paid your enrollment deposit, you can select your housing and dining preferences.

Please note that it may take one to two business days for your enrollment deposit status to be reflected in the housing portal.

Learn more [13]

Prepare to take your next steps to become a Sun Devil

Check My ASU to stay on top of things like the New Student Orientation Experience module, where you will become prepared to attend classes in the fall by completing essential next steps for enrollment — including academic advising and finalizing your class schedule.

Your next steps [4]

Useful resources for first-year students

ASU Prep Digital [14]

ASU Student Success Center [15]

Athletics [16]

Degrees [17]

Find my admission team member [18]

Financial Aid and Scholarship Services [19]

Fraternity and Sorority Life [20]

Global Education Office [21]

Housing [22]

Pat Tillman Veterans Center [23]

Pre-health [24]

Pre-law [25]

Scholarship estimator [26]

Student Accessibility and Inclusive Learning Services [27]

Student and Cultural Engagement [28]

Universal Learner Courses [29]

Source URL: https://admission.asu.edu/apply/first-year/admitted

Links:
[1] https://yourfuture.asu.edu/importantdeadlines
[2] https://admission.asu.edu/contact/undergraduate
[3] https://weblogin.asu.edu/password/activation
[4] https://my.asu.edu/
[5] https://admission.asu.edu/deposit
[6] https://studentaid.gov/
[7] http://asu.scholarshipuniverse.com/
[8] https://eoss.asu.edu/health/parents/immunization
[9] https://asuportal.pointnclick.com/login_dualauthentication.aspx
[10] https://www.cdc.gov/vaccines/hcp/current-vis/mmr.html
[11] https://www.asu.edu/aad/manuals/ssm/ssm106-01.html
[12] https://eoss.asu.edu/orientation/new-student
[13] https://housing.asu.edu/
[14] https://asuprep.asu.edu/
[15] https://success.asu.edu/
[16] https://www.asu.edu/athletics
[17] https://degrees.asu.edu/
[18] https://admission.asu.edu/contact/undergraduate
[19] https://students.asu.edu/financial-aid
[20] https://eoss.asu.edu/fsl
[21] https://goglobal.asu.edu/
[22] https://housing.asu.edu/
[23] https://veterans.asu.edu/
[24] https://prehealth.asu.edu/
[25] https://prelaw.asu.edu/
[26] https://financialaid.asu.edu/estimator
[27] https://eoss.asu.edu/accessibility
[28] https://eoss.asu.edu/student-and-cultural-engagement
[29] https://ea.asu.edu/

First-year student FAQs

What does it mean to self-report my courses on the admission application?
During the application process, you will be asked to enter all your courses and grades for school years 9 to 11 as they appear on your official high school transcript. You will also be asked to enter your in-progress courses for year 12.

How do I enter my courses and grades into the admission application?
To accurately enter all information, you must have your high school transcript when filling out the Required High School Courses section in My Grades. All semester, trimester or quarter grades must be listed in the Required High School Courses section.

The information entered in the Required High School Courses section must match your official transcript if you have been admitted and intend to enroll. Any inaccurate information can result in your admission being revoked.

Am I able to include college courses or dual credit courses I have taken while in high school on my admission application?
Yes, the application gives you the option to self-report any college courses or dual credit courses you have taken before enrolling at ASU.

What should I do if my high school lists my grades numerically?
If your transcript includes a numerical grading scale, click on 100 point based in the Grading System section of your application and then you will select the number range for your grades in the Grades section.

When do I submit my final transcripts for admission to ASU?
If you have been admitted and intend to enroll at ASU, you will need to have your official high school transcripts sent directly to ASU once you graduate. Do not send any official transcripts during the application process or before you graduate.

Source URL: https://admission.asu.edu/contact/faqs

Admission for homeschool students

Homeschool students at ASU

Arizona State University welcomes homeschool students and recognizes the unique academic experiences these students contribute to our rich, scholarly environment. We have a growing community of home-educated students who thrive at ASU.

We understand that your academic background differs from students who attended traditional public, private or charter schools. As a homeschool student, you can fill out the ASU application for admission and then include additional information to accurately demonstrate your accomplishments.

Admission requirements

As a homeschool student, you must meet the general requirements for ASU admission, and include specific documentation [1] with your application to confirm your completion of the requirements.

First-year student requirements [2]
Transfer student requirements [3]

Steps to apply to ASU as a homeschool student

Step 01: Complete an undergraduate admission application
Apply online with ASU's Application for Admission [4] or the Common Application [5]. You need to submit only one application to be considered for admission to ASU.

To expedite the admission decision, self-report your high school grades in the application.

ASU does not have a preference for which application you use to apply, but submit only one. Additionally, ASU does not require an essay or personal statement to accompany either application.

Step 02: Submit the nonrefundable application fee
Arizona residents: $50
Domestic nonresidents: $70
International nonresidents: $85

You can pay the application fee using a credit card (Visa or Mastercard) or eCheck at the time you submit your application or when you log in to My ASU [6]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

> Admission Services Applicant Processing
> Arizona State University
> PO Box 871004
> Tempe AZ 85287-1004

If you applied for admission through the Common Application [5], pay the application fee through that application.

There is no form, paper or code to submit for an application fee waiver. If your financial circumstances qualify you for an application fee waiver, you will be asked to answer a series of questions in the application that will automatically determine if you qualify and post to your account if you do.

Step 03: Transcripts
If you do not self-report your high school grades in the application, you must have your high school send an official copy of your transcripts [7] to ASU.

If you have earned college or university credit, request to have your official transcripts [7] sent to ASU from the issuing institution.

Step 04: Laboratory Science Courses: (For online high schools ONLY)
ASU requires students to complete 3 different lab sciences. In order to determine if your lab sciences meet our lab science requirement, we may need additional information from you. If we require additional information once your admission application reaches our evaluation team, you will see a Priority Task displayed on My ASU titled "Course Description." You can provide the additional information required through one of the following:

1. You can have your high school submit your lab sciences to the courseapproval.asu.edu [8] website for ASU to review if it is not already listed on the website.
2. You can submit a course description form [9] for each lab science taken in an accredited online high school environment if not already approved for your entire high school to ASU’s homeschool representative [10].
3. You can choose to be evaluated without some or all of your lab science requirements met. Note, if you choose this option, you may not be admissible to the university.

Step 05: Send ACT or SAT scores (not required)
ACT or SAT scores are not required for admission, but may be submitted for ASU course placement and to meet aptitude requirements if you have less than a 3.00 GPA in your competency courses. To find the requirements for your specific program, please visit ASU’s Degree Search [11]. Have your scores sent to ASU from ACT [12] or College Board [13] when you register for the test. Learn more about sending your test scores to ASU in our FAQ section [14].

Step 06: Check application status
Once you've completed all these steps, ASU will review your application. To see if you have any missing items and to review your admission status, log in to My ASU [6] using your ASURITE User ID, which is sent to you after you apply for admission.

Step 07: Fill out the FAFSA
The Free Application for Federal Student Aid is used to award grants, loans, Federal Work-Study and certain scholarships. We encourage you to compare financial aid and college costs [15]. You can file the FAFSA [16] now. ASU's Federal School Code is 001081.

Step 08: Submit a secondary school education affidavit or high school transcript (if applicable)
Homeschool applicants may self-report their grades or send a homeschool transcript. A homeschool transcript is a list of courses you have taken and the credit and grade associated with each course. The transcript must include a signature from a parent or guardian who oversaw the education.

If you have completed courses through a traditional high school, you may self-report your grades or have your high school send an official copy of your transcripts [7] to ASU.

If you have coursework from both a traditional high school and from homeschool transcript (see above for requirements), please self-report grades for both or have a transcript sent to ASU.

If you have earned college or university credit, request to have your official transcripts [7] sent directly to ASU from the issuing institution.

Should a home school transcript not be available to submit and you only need proof of your high school graduation, you may complete the Affidavit of Completion of Secondary School Education [17] form in substitution of a home school transcript. The affidavit must be completed by a parent or guardian who oversaw the education.

Admission to Barrett, The Honors College

Homeschool students who want to be considered for admission to Barrett, The Honors College [18] are encouraged to submit a separate application — an early application is strongly suggested. Please contact the Barrett admission staff [19] for help with any questions about the college and application process.

Scholarship opportunities

Homeschool students will be considered for ASU scholarships upon admission. Explore scholarships and additional types of financial aid [20].

Frequently asked questions about homeschool student admission at ASU

Can I be admitted to ASU as a homeschool student?
Yes, ASU welcomes and values all our homeschool students and the special academic experiences they bring to the university. Homeschool students submit the same ASU admission application as students who went to public or private school.

Are homeschool student admission requirements the same as high school student admission requirements?
Yes, like public and private high school students, homeschool students must meet and demonstrate completion of ASU's general requirements for university admission [2].

Can homeschool students apply for financial aid?
Yes, homeschool students are eligible to apply for and receive financial aid. You should submit the Free Application for Federal Student Aid [16] to see how much federal aid you may be eligible to receive. By submitting ACT or SAT scores, ASU will automatically consider you upon admission for a merit scholarship.

View more FAQs [21]

Source URL: https://admission.asu.edu/apply/first-year/homeschool

Links:
[1] https://admission.asu.edu/apply/first-year/homeschool/affidavit
[2] https://admission.asu.edu/first-year/apply
[3] https://admission.asu.edu/apply/transfer/admission
[4] https://webapp4.asu.edu/uga_admissionsapp/
[5] https://apply.commonapp.org/Login?ma=901
[6] https://my.asu.edu/
[7] https://admission.asu.edu/apply/transcripts
[8] https://courseapproval.asu.edu/
[9] https://admission.asu.edu/sites/default/files/2022-02/science_form_home_school_applications-fillable.pdf
[10] https://admission.asu.edu/contact/undergraduate
[11] https://degrees.asu.edu/
[12] https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html
[13] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send
[14] https://admission.asu.edu/contact/faqs#general
[15] https://admission.asu.edu/cost-aid
[16] https://fafsa.gov/
[17] https://admission.asu.edu/sites/default/files/2022-07/home-school-affidavit.pdf
[18] https://barretthonors.asu.edu/
[19] https://barretthonors.asu.edu/about/contact-us
[20] https://scholarships.asu.edu/
[21] https://admission.asu.edu/contact/faqs#freshman

Homeschool affidavit and lab sciences evaluation

For homeschool students only.
Homeschool applicants can submit their homeschool transcript with a signature from a parent/guardian to meet their proof of high school graduation. Should a homeschool transcript not be available, an Affidavit of Completion of Secondary School Education [1] can be completed in lieu of the homeschool transcript but **note** this affidavit will only meet the proof of high school graduation requirement. The affidavit must be completed/signed by the parent or guardian who oversaw the education.

Homeschool students without a high school transcript who need the high school transcript to meet the first year student requirement [2] may complete one of the following high school equivalency exams with scores mentioned below to fulfill their first year student requirement.

***GED** battery average score of
- 50 or above for tests taken between 1998-2001
- 500 or above for tests taken between 2002-2013
- 170 or above for tests taken after 2013

***HiSet** total score of 75

***TASC** (Test Assessing Secondary Completion):
- Minimum total score of 2700
- Minimum score of 500 on each of the five content areas
- Score 2 or above on essay

Laboratory science for online high schools or non-standard homeschool laboratory science courses

For homeschool and online students only.
ASU requires students to complete three different lab sciences. In order to determine if your lab sciences meet our lab science requirement, we may need additional information from you. If we require additional information once your admission application reaches our evaluation team, you will see a Priority Task displayed on your MyASU page titled "Course Description." You can provide the additional information required through one of the following:

1. You can have your high school submit your lab sciences to the courseapproval.asu.edu [3] website for ASU to review if it is not already listed on the website.
2. You can submit a course description form [4] for each lab science taken in an accredited online high school environment if not already approved for your entire high school to ASU's homeschool representative [5].
3. You can choose to be evaluated without some or all of your lab science requirements met. Note, if you choose this option, you may not be admissible to the university.

Affidavit of Completion of Secondary School Education [1]

Evaluation of Laboratory Science Courses [6]

Source URL: https://admission.asu.edu/apply/first-year/homeschool/affidavit

Links:
[1] https://admission.asu.edu/sites/default/files/2022-07/home-school-affidavit.pdf
[2] https://admission.asu.edu/first-year/apply
[3] https://courseapproval.asu.edu/
[4] https://admission.asu.edu/sites/default/files/2022-02/science_form_home_school_applications-fillable.pdf
[5] https://admission.asu.edu/contact/undergraduate
[6] https://admission.asu.edu/sites/default/files/2021-09/science_form_home_school_applications-fillable.pdf

Transfer student admission

Transfer and second bachelor's student admission requirements

A transfer applicant is a student who has attended one or more colleges or universities and has completed 12 or more transferable semester credits post-high school. Students with fewer than 12 transferable credits are considered incoming first-year students.

Competency requirement

You must have completed one of the following:

- Graduated from high school.
- Earned a GED.

Aptitude requirement

You must meet one of the following:

- Transfer students with 12–23 transferable credits must also have a minimum 2.50 cumulative transfer GPA and meet first-year student admission requirements [1].
- Transfer students with 24 or more transferable credits must have a minimum 2.50 cumulative transfer GPA.
- Transfer students who have earned an associate degree or higher from a regionally accredited higher education institution must have a minimum 2.00 cumulative GPA (for Arizona residents) or 2.50 cumulative GPA (for nonresidents).

Download this infographic to help guide you through the transfer requirements.

Download [2]

Some degree programs have higher admission requirements. To find the requirements for your specific program, please visit ASU's Degree Search [3].

"A" = 4.00; ASU accepts college-level courses in which you have earned a "C-" or better.

The ASU transfer student admission process

Follow these steps to apply to Arizona State University as a transfer student.

Step 01: Complete the undergraduate application for admission
Apply online with ASU's Application for Admission [4] or the Common Application [5]. ASU accepts only one application. We have no preference between the ASU application or the Common Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

Step 02: Activate My ASU and your ASURITE UserID
You will receive your ASURITE UserID and activation code via email within one to three business days of submitting your application. If you have previously applied to ASU, your ASURITE UserID will remain the same. You'll use your ASURITE UserID to log in to My ASU.

Step 03: Submit the nonrefundable transfer application fee
Arizona residents: $50
Domestic nonresidents: $80
ASU Online: $70
International nonresidents: $85

You can pay for the ASU application fee using a credit card (Visa or MasterCard) or eCheck at the time you submit your transfer application or when you log in to My ASU [6]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

If you applied for admission through the Common Application [5], pay the application fee through that application.

Step 04: Request to have your official transcripts sent to ASU
College or university transcripts
ASU requires official transcripts from all previous institutions attended in order to process your application. Please contact the registrar's office at your college or university and request your official transcripts be sent directly to Admission Services. Official transcripts delivered by hand will be accepted only if they are sealed in the original envelope provided by the community college or university and bear the university seal and the signature of the registrar of the issuing institution.

If your college or university uses Parchment, eSCRIP or National Clearinghouse to send electronic transcripts, please request that your institution sends us your official transcripts by choosing Arizona State University on the request form.

Upon graduation or completion of your final semester at your current school, request a final transcript be sent directly to ASU Admission Services [7] to determine final admission status. Receipt of your final transcript impacts financial aid disbursement and your eligibility to register for classes. (Note: ASU does not accept faxed college transcripts.)

Find out more about transferring credits to ASU [8].

High school transcripts
If you haven't completed an associate degree or higher from a regionally accredited university or college you must submit one of the following:

- Official high school transcript with a graduation date
- Official GED/HiSet transcripts
- Affidavit of Completion of Secondary School Education

ASU accepts hand-delivered official high school transcripts in sealed envelopes from applicants. (ASU does not accept faxed high school transcripts.)

NOTE: Transfer applicants with 24 or more transferable semester credit hours from a regionally accredited college or university, including previously completed ASU credits, and who will be 22 or older by the start of the requested semester of admission, will not be required to submit a high school transcript for admission. Once all prior college or university transcripts and outstanding admission items are received and verified, the high school transcript requirement will be waived. Transfer applicants are required to have graduated from an approved high school (or equivalent) prior to the semester of requested admission at ASU, and to include this information on the application for admission.

Test scores
If applicable, have your ACT or SAT scores sent directly to ASU. If you have taken AP, IB or CLEP exams, request your scores be sent directly to ASU.

Have your test scores (e.g., ACT, SAT, TOEFL) and official high school or college transcripts sent from the issuing institution to the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

Second bachelor's degree students
Students seeking a second baccalaureate degree must meet admission criteria for that degree. High school transcripts are not required unless you have selected a higher requirement degree program that requires it. If admitted, a minimum of 30 credit hours in resident credit courses at ASU must be successfully completed to earn the second baccalaureate degree and all degree and university requirements of the second degree must be met. After admission, your academic advisor in your college will help you determine if there are enough courses to meet this criteria for your chosen program. For more information on additional degrees, please visit the university undergraduate graduation requirements page [9].

Are you an international transfer student? See international transfer student information [10].

Schedule a transfer appointment

Make a half-hour appointment with an ASU transfer specialist or college representative to learn more about studying at ASU and get all your questions answered.

Schedule an appointment [11]

Important transfer deadlines

Fall 2025

The 2025–2026 Free Application for Federal Student Aid [12] is now open.

ASU's FAFSA priority date extended
ASU has extended the FAFSA priority date from Jan. 15 to Feb. 1. Submit your FAFSA by Feb. 1 to maximize financial aid opportunities.
Feb. 1, 2025
Priority admission deadline

Late Feb. 2025
Class registration begins

June 1, 2025
Enrollment deposit deadline

Aug. 21, 2025
Classes begin

Spring 2026

Late Oct. 2025
Class registration begins

Dec. 1, 2025
Enrollment deposit deadline

Dec. 2025
Submit your final transcripts

Jan. 12, 2026
Classes begin

*Students must submit their FAFSA and application materials by Feb. 1 to be considered for ASU merit- and need-based awards. Late applicants will be considered for university admission, but ASU undergraduate degree programs with higher transfer admission standards will give priority consideration to applications submitted by Feb. 1. You can find other important dates on ASU's academic calendar [13].

Frequently asked questions about transferring to ASU

What are ASU transfer requirements?
To apply to ASU as a transfer student, you must have earned either a high school diploma or a GED. Additionally, you must have transferable college credits or an associate degree and meet GPA requirements.

When should I apply to ASU? What are the application deadlines?
ASU uses a rolling admission process that allows for a flexible time frame. ASU typically recommends that students start their steps to apply at least one semester prior to their starting term at ASU. It may take approximately two to six weeks to receive an admission decision once all requested materials are received. Although there are no "hard" deadlines to apply to ASU, there are a few priority dates to keep in mind if you'd like to maximize your opportunities for financial aid. You can review these dates, as well as admission requirements and steps to apply on this page.

View more FAQs [14]

Source URL: https://admission.asu.edu/apply/transfer/admission

Links:
[1] https://admission.asu.edu/apply/first-year/admission
[2] https://admission.asu.edu/sites/default/files/2024-06/63443_TRN_TransferRequirements_V4.pdf
[3] https://degrees.asu.edu
[4] https://webapp4.asu.edu/uga_admissionsapp
[5] https://apply.commonapp.org/Login?ma=901
[6] https://my.asu.edu
[7] https://admission.asu.edu/apply/transcripts
[8] https://admission.asu.edu/transfer/transferring-credits
[9] https://catalog.asu.edu/ug_grad_req

[10] https://admission.asu.edu/apply/international/transfer
[11] https://admission.asu.edu/contact/transfer
[12] https://studentaid.gov/h/apply-for-aid/fafsa
[13] https://registrar.asu.edu/academic-calendar
[14] https://admission.asu.edu/contact/faqs#transfer

Transfer student FAQ

How do I know if I'm considered a transfer student?
At ASU, a transfer student is anyone applying for admission who has attended another college or university and has completed 12 or more transferable credits post-high school, at the time of application. If you are completing college courses while in high school you are considered a first-year student and not a transfer student.

Do I have to take the ACT or SAT to transfer to ASU?
It depends on your particular situation. If you transfer fewer than 24 transferable credits, you must also meet freshman admission requirements, which may require ACT or SAT scores. Also, some majors, such as business, require a particular ACT or SAT score for admission into the program. Take a peek at the ASU undergraduate Degree Search [1] for admission information specific to your major.

Who can I speak with about my transfer to ASU?
ASU's expert transfer specialists are available to answer your questions and help with your transfer to ASU. Find your transfer admission team member [2].

Do I need to send my high school transcripts to apply for admission?
Transfer applicants with 24 or more transferable semester credit hours from a regionally accredited college or university, and who will be 22 or older by the start of the requested semester of admission, will not be required to submit a high school transcript for admission. Once all prior college or university transcripts and outstanding admission items are received and verified, the high school transcript requirement will be waived. Transfer applicants are required to have graduated from an approved high school (or equivalent) prior to the semester of requested admission at ASU, and to include this information on the application for admission.

Do I have to send all my college transcripts as part of my admission application?
Yes, for ASU to determine whether you meet admission requirements, we must evaluate your entire academic history, including coursework completed at each college or university attended, regardless of academic performance. College transcripts should be sent directly from your college to:
ASU Admission Services
P.O. Box 871004
Tempe, AZ 85287-1004

I attended ASU previously. Am I a transfer student or a readmission student? Do I need to reapply?
If you have previously attended ASU as a degree-seeking student, you will be considered a readmission student. Please see readmission information [3].

I applied to ASU and was admitted, but did not attend. Do I need to reapply?
Yes, you need to reapply. Be sure to sign in to My ASU [4] to see if any additional items are needed to complete your file.

Do I have to have an associate degree to transfer to ASU?
No, you can transfer to ASU at any time as long as you meet the transfer admission requirements. However, ASU recommends attaining your associate degree before transferring.

As a transfer student, how do I know how many credits can be applied toward my major?
Once you are admitted, you'll work with your academic advisor and review your DARS (Degree Audit Report System) to see which credits apply to you major.

What prerequisites do I need to complete before I can transfer to ASU?
There are no prerequisites required to be admitted to ASU, unless you have fewer than 24 transferable credits. Students with fewer than 24 transferable credits are required to meet first-year admission requirements [5], including aptitude and competency requirements.

Can I live on campus as a transfer student?
Yes, ASU has housing devoted specifically to upper-division students and strongly encourages all students to live on campus during their first year at ASU. For more information, please refer to University Housing [6].

There are also a variety of off-campus housing options in close proximity to ASU's campuses. For more information on off-campus housing, check out Off-Campus Housing [7].

If I'm attending a California community college, is the IGETC/CSU GE required to transfer to ASU?
The IGETC/CSU GE is not a requirement for admission to ASU but is highly recommended. Completing either of the GE patterns and getting certified by your community college will satisfy the General Studies requirements at ASU.

What does it mean to get IGETC/CSU GE certified?
Getting certified means you have completed all General Education requirements at your California community college. If you have confirmed with your community college counselor that you are eligible for the certification, ASU will require that you submit the official certification along with your official transcripts to Admission Services.

Currently, I don't meet the Western Undergraduate Exchange admission requirements. Should I wait to apply?
No. Even though you may not currently qualify for WUE, we will always reevaluate your admission to the program if you currently have courses in progress and submit your final transcripts.

I live in California but would like to meet with an ASU representative in person to discuss the transfer process. Is this possible?
ASU representatives will be attending college transfer fairs and hosting various visits at community colleges throughout California. Find your transfer specialist [8] to ask about upcoming opportunities near you.

How do my credits transfer to ASU?
ASU awards transfer credit for college-level coursework as long as it was completed at a regionally accredited institution, you earned a grade of "C" or higher, and ASU offers an equivalent course. To see how your credits transfer to ASU, use the online Transfer Guide [9]. Click on Course Search to get started. Read more about how your credits transfer to ASU [10], and if you have additional questions, contact your transfer admission team member [8].

When should I apply to ASU? What are the application deadlines?
ASU uses a rolling admission process that allows for a flexible time frame. ASU typically recommends that students start their steps to apply at least one semester prior to their starting term at ASU. It may take approximately two to six weeks to receive an admission decision once all requested materials are received. Although there are no "hard" deadlines to apply to ASU, there are a few priority dates to keep in mind if you'd like to maximize your opportunities for financial aid. You can review these dates, as well as admission requirements and steps to apply, at admission.asu.edu/apply/transfer/admission [11].

How are pass/fail courses being accepted?
If the transcript key or the institution provides information that indicates a Pass grade is comparable to a C- or higher, the course will be counted as transferable but will not be calculated in the student's transfer GPA for admission. A Fail grade will be counted as an "F" and calculated in the student's GPA accordingly.

Will a pass/fail grade affect my transfer GPA to determine if I meet admission criteria?
Pass grades are not counted in the GPA, but may be transferable to ASU if the institution or transcript indicates the "P" grade is comparable to a C- or better. Fail grades are calculated as an "F" and will impact your GPA.

If I receive a pass/fail grade for a course, does it transfer to ASU?
If the transcript key indicates a Pass grade is comparable to a C- or higher, the course will be counted as transferable but will not be calculated in your GPA. A Fail grade will be counted as an “F” and calculated in your GPA.

If I receive a pass/fail grade, does it count toward my degree completion?
If the institution or transcript indicates the “P” grade is comparable to a C- or better and the course is on your degree map, it will count toward degree completion.

Can I be admitted to ASU with a pass/fail course on my transcripts?
The admission criteria remains the same. We will look at all submitted information to determine admissibility to ASU.

Can I be admitted into programs with higher admission requirements if I opt to receive a pass/fail grade for my courses?
GPA and test scores will still be used to determine admissibility. Pass grades are not calculated into your GPA for admission purposes, but may still be transferable. Opting for a Pass grade rather than a letter grade could impact your admissibility if you need to bring up your transfer GPA to meet the criteria for a program with higher requirements. If you have the option of being issued a Pass grade or a letter grade, opt for the letter grade.

Will ASU accept my AGEC completion with pass/fail grades on coursework?
Yes.

Will my associate degree transfer to ASU if I have coursework with a pass/fail grade?
Yes. Any coursework with a Pass grade that the institution indicates is comparable to C- or better is transferable.

Will pass/fail grades affect financial aid or scholarships that I receive from ASU?
No, maintaining eligibility for ASU financial aid or scholarships is based on your ASU GPA.

How does my coursework with grades transfer to ASU?
Refer to admission.asu.edu/transfer/transferring-credits [12] for information on how credits transfer to ASU.

How does academic renewal play into the evaluation process? For example, if a community college agrees to grant academic renewal to a particular grade and exclude it from their GPA calculation, would that also exclude the grade from ASU's GPA calculation?
If a grade was earned, ASU will calculate it into the transfer GPA for admission. Academic renewal at a prior institution does not carry over to ASU.

Source URL: https://admission.asu.edu/contact/faqs#transfer

Links:
[1] https://webapp4.asu.edu/programs
[2] https://transfer.asu.edu/contact
[3] https://admission.asu.edu/undergrad/readmission
[4] https://my.asu.edu/
[5] https://admission.asu.edu/apply/first-year/admission
[6] https://asu.edu/housing
[7] https://offcampushousing.asu.edu
[8] https://admission.asu.edu/contact/undergraduate
[9] https://webapp4.asu.edu/transfercreditguide/app/home
[10] https://admission.asu.edu/transfer/transferring-credits
[11] https://admission.asu.edu/apply/transfer/admission

Transfer to ASU from a college or university

MyPath2ASU®: Your personalized path to ASU

MyPath2ASU® is ASU's transfer admission guarantee, designed to simplify your journey towards a bachelor's degree. We're committed to providing exceptional transfer resources and building robust academic pathways specifically for you.

MyPath2ASU® creates personalized, course-by-course transfer maps for any regionally accredited community college or four-year institution. Simply enter your chosen major and transfer school, and MyPath2ASU® will identify the courses at your current institution that directly apply to your ASU major. This personalized map helps you save time and money and minimize credit loss as you prepare to transfer to ASU.

Program benefits:

Track degree progress

Submit course evaluations

Plan your coursework and stay on track

MyPath2ASU® signup

Get started with your transfer planning process.

Here's what to expect:

- **Step 1:** Select your preferred way to study and current institution so we can customize your pathway.
- **Step 2:** Choose a program you're most interested in.
- **Step 3:** Fill in your personal information and submit the form. Once submitted, complete your Transfer Guide account and access your MyPath2ASU® transfer map.

[Archivist note: MyPath2ASU® signup cannot be captured]

The MyPath2ASU® transfer process

Create MyPath2ASU® [1]

- Login to your Transfer Guide account.
- Access your MyPath2ASU and track your progress toward transfer.

Complete your MyPath

- Apply [2] to transfer to ASU.
- Become a Sun Devil.

Finish your ASU degree

- You’re one step closer to achieving your academic goals.

MyPath2ASU® student spotlight

Jacob's Journey from Mesa Community College to ASU: A Path to Conservation Biology and Ecology video on Youtube

Jacob Stillwell transferred from Mesa Community College to ASU through MyPath2ASU® and graduated in spring 2024 with a bachelor’s degree in biological sciences. MyPath2ASU® helped Jacob stay on track while he attended MCC, ensuring a smooth transition to ASU. While at The College of Liberal Arts and Sciences, he gained hands-on experience researching artificial intelligence in ecology and presented his work at a regional symposium. Now he’s ready to make an impact in government or environmental consulting.

The benefits of transferring with MyPath2ASU®

Guaranteed general admission

Earn guaranteed general admission to ASU and to your MyPath2ASU® major of choice if all requirements are satisfied. (Some majors have additional or higher admission requirements.)

Self-service transfer tools

Fully connect your academic progress to ASU by gaining direct access to self service transfer tools that provide information about course applicability and degree progress tracking.

Save

Save time and money by planning your path to degree completion.

Connect

Connect with transfer student ambassadors and ASU transfer coordinators, access pre-enrollment services, and receive invitations to special ASU events.

Customized pathways

Select classes through customized course-by-course pathways to minimize loss of credit.

Personalized communication

Prepare academically with personalized communication for your major of choice.

Learn more by attending an ASU virtual event

Transfer connections with ASU's transfer student ambassadors

ASU's Transfer Student Ambassadors, current ASU students who transferred from community colleges to ASU, will share their transfer experiences and provide tips for a successful transfer. They will also demonstrate the steps to sign up for MyPath2ASU®, ASU's transfer pathway program, and explain the benefits of being on a pathway.

Sign up [4]

Virtual visit options

Explore the many live-hosted sessions [5] with ASU enrollment and academic team members and current students who can answer your questions. Navigate the MyPath2ASU® transfer experience and learn more about ASU's admission and enrollment processes.

Your next steps to applying to ASU

As you're completing your community college coursework, if you have questions about the admission process, requirements or transcripts, contact your transfer coordinator and they will be happy to help.

Or if you're ready to apply to ASU, you can begin your application for admission up to a year before you are ready to transfer.

How and when to apply [6]
Contact a transfer coordinator [7]

If you signed a TAG agreement prior to summer 2017, find your degree program outline [8].

College and university alliances

ASU strives to serve students and communities across Arizona and the country. Working in partnership with community colleges, local communities and other educational institutions, ASU specialty alliances offer high-demand programs for students in various modalities to allow customizable ways to finish their bachelor's degree.

Maricopa – MyPath2ASU® [9]
AAS to BAS [10]
BYU-Idaho [11]
Acceso ASU [12]

Admission requirements

General university admission is guaranteed upon successful completion of the following conditions: 1) Completion of an associate degree from a regionally accredited higher education institution with a minimum 2.00 cumulative GPA (Arizona residents) or 2.50 cumulative GPA (nonresidents) or 2) completion of 24 or more transferable semester credits post-high school with a minimum cumulative transfer GPA of 2.50 (4.00="A") and verification of high school graduation or the equivalent. NOTE: Some ASU colleges and schools have additional or higher requirements for admission into their majors. Students will also need to submit an Arizona State University admission application, including an application fee and other required documents, such as official college/university transcripts. MyPath2ASU® pathway programs are based on a minimum of 24 transfer credit hours; students with fewer than 24 credit transfer credit hours will need to meet the appropriate admission [13] requirements. International students will need to meet international admission requirements [14].

Frequently asked questions about transfer pathway programs

What is MyPath2ASU® and how does it affect my MAPP, TAG or GPA agreement?
MyPath2ASU® is a new set of customized tools to help students transfer from community college to ASU. It makes transferring colleges seamless by allowing students to plan their path to transfer into their major at ASU by taking the right classes. Your MAPP, TAG or GPA agreement has been updated to a MyPath2ASU®. No changes are necessary.

When should I sign up for MyPath2ASU® and how long do I have to complete it?
Students can sign up for MyPath2ASU® when they enroll in community college. Upon signing your MyPath2ASU® agreement, you have four academic years to complete a MyPath2ASU®.

Can I change my major after I sign up for MyPath2ASU®?
Yes, you can change your major.

If you are a student from Maricopa County Community College District you can update your pathway agreement by signing up for a new MAPP MyPath2ASU®. For all other students, you can change your pathway agreement by logging in to My Transfer Guide account and updating your current MyPath2ASU® agreement.

View more FAQs [15]

Source URL: https://admission.asu.edu/apply/transfer/MyPath2ASU

Links:
[1] https://admission.asu.edu/mypath2asuform
[2] https://webapp4.asu.edu/uga_admissionsapp/
[3] https://www.youtube.com/watch?v=bxZwWwYwtLs
[4] https://asu.zoom.us/webinar/register/WN_WhkynvP6RuqiDVkYDtEvtw
[5] https://visit.asu.edu/live-hosted-visit
[6] https://admission.asu.edu/apply/transfer/admission
[7] https://admission.asu.edu/contact/undergraduate
[8] https://webapp4.asu.edu/transfercreditguide/app/home
[9] https://admission.asu.edu/transfer/maricopa
[10] https://admission.asu.edu/transfer/aas-bas-pathways
[11] https://admission.asu.edu/transfer/byu-idaho
[12] https://mexico.asu.edu/
[13] https://admission.asu.edu/transfer/apply
[14] https://admission.asu.edu/international/undergrad-student
[15] https://admission.asu.edu/contact/faqs#transfer

Maricopa Community Colleges transfer students

Transferring from the Maricopa County Community College District to Arizona State University can be a smooth process when planned. As a Maricopa student, you have a couple of ways to earn your bachelor's degree at ASU. Find what works best for you and we'll help you plan your path.

MyPath2ASU®

MyPath2ASU® helps you plan and complete prescribed coursework designed for a smooth transition to ASU to earn your bachelor's degree.

Sign up for MyPath2ASU® [1]
MyPath2ASU® majors [2]

To view MyPath2ASU® majors from prior years, visit the archive search tool [3].

Watch this video to learn how to sign up and access MyPath2ASU®

How to Signup for MyPath2ASU (For Maricopa Students) [4] on YouTube

Get started with the MyPath2ASU® transfer experience

Step 1: Sign up for MyPath2ASU® [1]

- Sign in with your Maricopa Enterprise ID and password, and click **Login**.

Step 2: Update your academic plan

- From the Student Center, select the tile, My Academic Plan
  - Open your academic plan, click Change Plan/MAPP
  - Complete the following components:
    1. Change my plan
    2. Term
    3. Primary reason for attending
    4. Academic plan

Step 3: Complete the MyPath2ASU® sign-up

You'll see a summary of your new plan selection.

- Click OK to confirm your plan and complete your sign-up.
- Success! You're signed up for MyPath2ASU® and will receive your ASURITE User ID in about two weeks.

Learn more by attending an ASU virtual event

Explore your visit options

Welcome all transfer students. Explore the many live-hosted sessions [5] with ASU enrollment and academic team members and current students who can answer your questions. Navigate the MyPath2ASU® transfer experience and learn more about ASU's admission and enrollment processes. Explore each of our campuses through live-hosted virtual visit [5] experiences, walking tours [6] and on-demand virtual tours [7].

Sign up [5]

MyPath2ASU Transfer Story – Brooklyn [8] on Vimeo.

MyPath2ASU® benefits

MyPath2ASU® is your suite of customized self-service transfer tools.

Guaranteed general admission

Earn guaranteed general admission to ASU and to your MyPath2ASU® major of choice if all requirements are satisfied. (Some majors have additional or higher admission requirements.)

Self-service transfer tools

Fully connect your academic progress to ASU by gaining direct access to self-service transfer tools that provide information about course applicability and degree progress tracking.

Save

Save time and money by planning your path to degree completion.

Connect

Connect with transfer student ambassadors and ASU transfer coordinators, access pre-enrollment services, and receive invitations to special ASU events.

Customized pathways

Select classes through customized course-by-course pathways to minimize loss of credit.

Personalized communication

Prepare academically with personalized communication for your major of choice.

Maricopa Community Colleges MyPath2ASU® tools and resources

Transfer guide

Learn how credits from other colleges and universities you have attended will transfer to ASU. Search for ASU course equivalencies or request a transfer course evaluation.

More on the Transfer Guide [9]

ASU Career Services

As a MyPath2ASU® student, you'll have access to ASU Career Services and its career advising, career assessment and job search tools. You'll need your ASURITE User ID and password to access services. Note that some services have fees.

Go to career services [10]

AAS to BAS: Bachelor of Applied Science

Bachelor of Applied Science degrees are designed specifically for students who have earned an Associate of Applied Science.

- Students who have earned an AAS from a regionally accredited institution may transfer 60 credit hours toward their BAS.
- Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer **u**p to 75 credits toward their BAS.

Plan to meet with an academic advisor to ensure your courses will meet degree requirements.

[Archivist's note: By college MCCCD search tool unable to be archived]

FAQ (for students)

Where can I see current transfer pathways?
Visit MyPath2ASU® [2] to access transfer requirements for 400+ ASU degree programs. Courses are displayed in an easy-to-follow, semester-by-semester sequence.

What do I need to do if I signed up already?
There is no need to sign up again unless it has been more than four years since you signed up, or if you are changing your major or moving to a newer catalog year.

Will Maricopa Community Colleges transcripts still be sent to ASU for students who sign up for pathway programs?
Yes, there will be no interruption of the transcript-sending service for students signing up for a pathway program regardless of the academic year.

What do I need to do if I want to change my major?
As always, students who signed up for a MAPP and want to change to a different major will need to sign up for the new major through https://redirect.maricopa.edu/student-center [1]. Consult your community college academic advisor first to understand potential consequences of making a program plan change.

Who should I contact if I have questions?
The ASU transfer coordinator [11] assigned to your community college and your community college academic advisor can assist you with MyPath2ASU®.

I'm ready to apply [12]

Source URL: https://admission.asu.edu/transfer/maricopa

Links:
[1] https://redirect.maricopa.edu/student-center
[2] https://webapp4.asu.edu/transfercreditguide/app/transfermap
[3] https://admission.asu.edu/transfer/maricopa-mapp-archive
[4] https://youtu.be/BhObjXgVkig
[5] https://visit.asu.edu/live-hosted-visit
[6] https://visit.asu.edu/schedule
[7] https://tours.asu.edu
[8] https://vimeo.com/820642699?p=1s
[9] https://webapp4.asu.edu/transfercreditguide/app/home
[10] https://eoss.asu.edu/cs
[11] https://admission.asu.edu/contact/undergraduate
[12] https://admission.asu.edu/apply/transfer/admission

Transfer Partnership with BYU-I and BYU-Pathway Worldwide

Transfer of academic credit for students wishing to complete a degree at ASU.

The innovative partnership will allow students who begin their education through one of BYU-Idaho's programs access to the wider array of classes, majors and degrees offered by ASU.

BYU Idaho students who wish to transfer to ASU have two transfer options.

MyPath2ASU®

MyPath2ASU® is a set of customized tools to help transfer students from U.S. regionally accredited institutions (including international students transferring from U.S. regionally accredited institutions). MyPath2ASU® creates a seamless transfer experience to ASU after earning credits or an associate's degree from a U.S. community college or university. Plan a path into your major of choice by taking classes that transfer to ASU—shortening your time to degree completion.

Get started with MyPath2ASU® [1]

Search MyPath2ASU® majors [2]

The Associate of Applied Science to Bachelor of Applied Science Program

The AAS to BAS programs is for students who have completed an Associate of Applied Science from BYU-Idaho and want to complete a Bachelor of Applied Science in a complementary discipline at ASU.

The completed Associate of Applied Science must be transcripted on a BYU-Idaho transcript.

Learn more [3]

Learn more by attending an ASU virtual event

Explore your visit options

Welcome all transfer students. Explore the many live-hosted sessions [4] with ASU enrollment and academic team members and current students who can answer your questions. Navigate the MyPath2ASU® transfer experience and learn more about ASU's admission and enrollment processes. Explore each of our campuses through live-hosted virtual visit [5] experiences, walking tours [5] and on-demand virtual tours [6].

Sign up [4]

Your next steps to applying to ASU

As you're completing your community college coursework, if you have questions about the admission process, requirements or transcripts contact your transfer coordinator and they will be happy to help.

Or if you’re ready to apply to ASU, you can begin your application for admission up to a year before you are ready to transfer.

How and when to apply [7]
Contact a transfer coordinator [8]

Source URL: https://admission.asu.edu/transfer/byu-idaho

Links:
[1] https://admission.asu.edu/apply/transfer/MyPath2ASU
[2] https://transferguide.apps.asu.edu/app/transfermap
[3] https://admission.asu.edu/aas-bas/brigham-young-university-idaho
[4] https://visit.asu.edu/live-hosted-visit
[5] https://visit.asu.edu/schedule
[6] https://tours.asu.edu
[7] https://admission.asu.edu/transfer/apply
[8] https://admission.asu.edu/contact/undergraduate

AAS to BAS for Brigham Young University Idaho

Transfer simplified

If you’re pursuing an Associate of Applied Science from BYU-Idaho, then an ASU Bachelor of Applied Science degree might be the perfect fit for you. This program allows you to transfer 60 credit hours from your Associate of Applied Science degree toward a compatible Bachelor of Applied Science at ASU, with guaranteed admission if you have earned at least a 2.5 grade point average from BYU-Idaho. The completed Associate of Applied Science must be transcripted on a BYU-Idaho transcript.

Identify the AAS degree you are currently earning at BYU-Idaho and determine your preference for your BAS.

- Applied Business Management [1]

- Applied Communication [2]
- Applied Health [3]
- Applied Technology [4]
- Family History Research [5]
- Marriage and Family Studies [6]
- Professional Studies [7]

Source URL: https://admission.asu.edu/aas-bas/brigham-young-university-idaho

Links:
[1] https://admission.asu.edu/aas-bas/applied-business-management
[2] https://admission.asu.edu/aas-bas/applied-communication
[3] https://admission.asu.edu/aas-bas/applied-health
[4] https://admission.asu.edu/aas-bas/applied-technology
[5] https://admission.asu.edu/aas-bas/family-history-research
[6] https://admission.asu.edu/aas-bas/marriage-and-family-studies
[7] https://admission.asu.edu/aas-bas/professional-studies

ASU in Mexico

Why ASU in Mexico?

As an institution from a border state, we are actively working to strengthen our connections with Mexico across all academic units at the university. This effort is integral to our responsibility to both our on-campus and off-campus communities. Rooted in the concept of being a socially embedded institution, our approach at ASU is centered on the belief that we must forge deep engagements with Mexican partners to gain perspective on regional challenges and to develop innovative, game-changing solutions to issues of importance to both sides of the border.

That political border can seem like an abstraction when you start to think about our shared future around issues like energy, water, and economic opportunity. Envisioning a thriving future for Arizona is inseparable from envisioning the same for Mexico.

View partners and projects [1]

Our partners

ASU collaborates with prominent research universities in Mexico to create synergies that enhance our capabilities to better serve our communities. We work with the spirit of contributing to the resolution of the most pressing issues affecting North America and the globe.

Alongside our partners, ASU endeavors to find innovative methods of collaboration, aiming to broaden academic opportunities for students on both sides of the border and improve higher education in the region. Through these partnerships, we foster intercultural dialogues and cooperation with Mexico—a key partner for Arizona and the United States.

Instituto Tecnológico de Estudios Superiores de Monterrey [2]

Universidad de Sonora [3]

Universidad Nacional Autónoma de México [4]

Universidad de Guadalajara [5]

Universidad Autónoma de Baja California [6]

Tecmilenio [7]

Instituto Tecnológico Autónomo de México [8]

Tecnológico Nacional de México [9]

Secretaría de Educación Pública [10]

UAG Cintana Education [11]

“We share a border and many common interests with Mexico. It’s natural that we seek stronger ties through education, research and innovation so we can help each other prepare for the challenges and the changing nature of the advanced workforce of the 21st century.”

Michael M. Crow
President, Arizona State University

Source URL: https://mexico.asu.edu/

Links:
[1] https://mexico.asu.edu/portfolio/partners-projects
[2] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=5#webspark-anchor-link--10
[3] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=6#webspark-anchor-link--10
[4] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=7#webspark-anchor-link--10
[5] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=11#webspark-anchor-link--10
[6] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=14#webspark-anchor-link--10
[7] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=15#webspark-anchor-link--10
[8] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=16#webspark-anchor-link--10
[9] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=60#webspark-anchor-link--10
[10] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=61#webspark-anchor-link--10
[11] https://mexico.asu.edu/portfolio/partners-projects?field_project_partner_target_id=62#webspark-anchor-link--10

Transferring credits to ASU

Transfer Guide

ASU’s Transfer Guide is a helpful online tool to assist you in your transfer planning process. Manage your Transfer Pathways, requested course evaluations, saved courses searches, saved exam searches and more.

View the Transfer Guide [1]

How credits transfer to ASU

When you transfer to ASU from another college or university, the following general standards for transfer credits apply. You can use ASU transfer tools to learn how credits will transfer and begin creating your roadmap to graduation.

Accepted credits

ASU accepts college-level (not remedial) courses in which transfer students have earned a grade of “C-“ (4.00=”A”) or better from regionally accredited colleges and universities. If a course is repeated, the first course in which a minimum of “C-“ grade was earned will be used.

Pass grades may be transferable to ASU if the institution or transcript indicates the "P" grade is comparable to a C- or better. Pass grades are not calculated into your transfer GPA for admission.

Applicability

The applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU.

Credit hours

A maximum of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college, with the exception of some special programs. An unlimited number of credit hours will be accepted from four-year institutions. Upon admission to the university, you will work with an ASU academic advisor to determine how your transferable credits apply toward your selected major.

Credit conversion

Acceptable academic credits earned at other institutions that are based on a different unit of credit than the one prescribed by the Arizona Board of Regents are subject to conversion before being transferred to ASU. All ASU students must meet graduation requirements (university, college, major and general studies requirements) to earn a four-year degree.

Degree requirements

The ASU college of your major determines how transfer courses fulfill the degree requirements of your ASU major. You should review the degree requirements of the program into which you intend to transfer and talk with an academic advisor about your transfer credits and how they will apply to your degree program.

Determining GPA

Grades and honor points that you earned at other colleges and universities are considered for admission, but your ASU cumulative grade point average is based solely on coursework taken at ASU.

Types of transfer credits not accepted by ASU:

- Courses in which you earned below “C-” as your final grade.
- Credit awarded by postsecondary schools in the United States that lack candidate status or are not accredited by a regional accrediting association.
- Credit awarded by postsecondary schools for life experience.
- Credit awarded by postsecondary schools for courses taken at noncollegiate institutions (e.g., governmental agencies, corporations, industrial firms, etc.).
- Credit awarded for continuing education units (CEU), continuing education credit, workshops, seminars, professional development courses and other not-for-credit courses through postsecondary institutions.
- A student who feels they have been unjustly denied credit for transfer may appeal the decision.
    - Prospective students can contact Admission Services [2] or Academic Transfer Credit Solutions [3].
    - Admitted students can contact their academic advisor or academic unit (found on My ASU).

Military credits

ASU is proud to welcome transfer student veterans of the Army, Navy, Air Force, Marines, Coast Guard and National Guard to our undergraduate student community.

Evaluation of military transcripts

ASU uses the American Council on Education's Guide to the Evaluation of Educational Experiences in the Armed Services [4] to assess how to transfer military credits to ASU. In general, a military course must be similar to an ASU undergraduate course to transfer to ASU.

Military credits that transfer to ASU through educational experiences in the armed services are not applicable toward completing ASU’s general studies requirements [5] for graduation, but do count for total credits toward completion. No transfer credit is awarded for vocational certificate category ACE recommendations.

The JST is reviewed for potential transfer credit in accordance with VA guidelines and Arizona statutes related to awarding credit for military training and education. Credits are evaluated at the time of JST submission to ASU. It is recommended the JST be sent to ASU upon application to ensure timely processing and evaluation.

[Archivist note: Degree Worksheets tool unable to be captured.]

ASU accepts the following military transcripts for transfer credit:

Air Force and Space Force members

Enlisted members

The Community College of the Air Force is a regionally accredited community college. If you received credit for courses taken through the CCAF while in active service, submit this transcript as part of your application.

- CCAF now offers electronic transcript delivery through Parchment, a digital credentialing service. Students are able to create an account on Parchment [6] to send transcripts, or you can request to have your official CCAF sent to ASU from the Community College of the Air Force transcripts [7] page.

Officers

Officer transcripts are maintained by Air University. First-time users must create an account by accessing the AU Service Desk [8]. This works better on non-NIPR and Google Chrome. On the homepage under the Quick Links tab, select Official Transcript Request. Complete the required components of the form, add the attachments and submit. The Service Desk can be accessed by any device that has internet access; it is Common Access Card (CAC) enabled, but this is not required. The AU Service Desk is a secure application and certified for submission of Privacy Act information.

Army, Marine Corps, Navy and Coast Guard members

- The Joint Services Transcript has replaced the Coast Guard Institute Transcript, the Army/American Council on Education Registry Transcript System and the Sailor/Marine American Council on Education Registry Transcript.
- All enlisted members, officers and warrant officers, both active and veterans from all Army components, Coast Guard, Marine Corps and Navy, are eligible for a JST. You do not have to be on active duty to access the JST website and your transcript. Active duty, reserve, veterans or National Guard personnel can use JSTs.
- Some students may have concerns about a security warning when accessing the website. This happens when a user logs in to a Department of Defense network from a non-networked computer without a CAC. You can confirm the security exception to proceed to the JST request site. If you do not confirm this exception, you will be unable to place your order.
- Register [9] for a JST account, and direct the DoD to send your transcript to ASU.

Veterans exception

By Arizona statute, no failing grades received by a veteran at an Arizona university or community college before military service may be considered when determining admissibility. This exception may be used only one time and applies only to veterans who:

- Are honorably discharged.
- Have served in the armed forces of the United States for a minimum of two years.
- Have previously enrolled at a university or community college in Arizona.

Military service records must be submitted, including form DD 214.

Credit by exam

You may earn no more than 60 hours of credit by exam for any degree program, including ASU comprehensive and proficiency exams.

ASU's credit by exam policy [10]

Frequently asked questions about transferring college credits

How do I transfer college credits to ASU?

You can transfer credits to ASU by requesting your transcripts from all colleges you have attended and have them sent directly to ASU. Then, when you have completed the admission application, paid the application fee and are admitted to ASU, your qualifying credits will automatically be added to your ASU Degree Audit.

How many college credits can be transferred to ASU?

You can transfer a maximum of 64 college credits from a regionally accredited community, junior or two-year college for courses in which you have earned a "C" (4.00="A") or better.

What is the ASU Transfer Guide?
ASU's Transfer Guide [11] is a useful tool that shows how college courses you've already taken will transfer to ASU. If you don't see a particular course in the Transfer Guide, you can request a course evaluation.

View more FAQs [12]

Source URL: https://admission.asu.edu/apply/transfer/transferring-credits

Links:
[1] https://tcg.asu.edu/
[2] https://admission.asu.edu/contact/undergraduate
[3] mailto:articulation@asu.edu
[4] http://www.acenet.edu/news-room/Pages/Military-Guide-Online.aspx
[5] https://catalog.asu.edu/ug_gsr
[6] https://www.parchment.com/u/registration/32882/institution
[7] https://www.airuniversity.af.edu/Registrar/Transcript-Requests/
[8] https://auservicedesk.af.edu/education
[9] https://jst.doded.mil/jst/registration
[10] https://catalog.asu.edu/credit_exam
[11] https://webapp4.asu.edu/transfercreditguide/app/home
[12] https://admission.asu.edu/contact/faqs#transfer

Admitted transfer students next steps

Welcome to Arizona State University.

You're now on your way to becoming part of the most innovative and forward-thinking university in the nation. And by choosing ASU, you will become a part of a community of master learners and doers who will support you during your journey at ASU.

We've gathered your next steps to help you prepare for your transition to ASU — plus we've added some extras for you to enjoy. You'll be getting a lot of information about ASU in the coming months. This guide highlights the most important things to know so you'll be prepared for your new Sun Devil status.

First day of classes

Enrolling for fall 2025
Classes begin Aug. 21, 2025

Enrolling for spring 2026
Classes begin Jan. 12, 2026
If you've been admitted for spring 2025 but didn't enroll you can still enroll for fall 2025.

Academic calendar [1]

Need help?

ASU admission team members can answer your questions and guide you through each step of the enrollment process between now and the time you get here.

Find my admission team member [2]

Your next steps as an admitted transfer student

Activate your ASURITE User ID

Your ASURITE User ID grants you access to My ASU and university services. If you haven't activated your ASURITE User ID yet, see your admission letter for details on how to do it.

When you activate your ASURITE User ID, you will select to have your ASU email forwarded to a personal account. It's important to check your email often for time-sensitive notifications and next steps about enrollment. You'll have access to your official ASU email when classes begin. You can check which email your ASU email is forwarding to by looking in the profile tab in My ASU.

If you previously applied to ASU, use your existing ASURITE User ID to activate and log in to My ASU and your ASU email.

Activate ASURITE [3]

Need help? You can find your activation code in an email from computer.accounts@asu.edu with the subject line "ASU Account Activation." If you need assistance, call 1-855-278-5080 or 480-965-6500.

Review your transfer credits

To review your transfer credits, visit the ASU Transfer Guide [4], log in with your ASURITE User ID and password, and click on My Transfer Guide. For questions about applying your transfer credits to your degree program, please connect with your academic advisor using the Academic Support Team box in My ASU [5].

Pay your enrollment deposit

Confirm your place in ASU's incoming class by submitting your enrollment deposit via My ASU [5]. Then, be sure to check My ASU often for any Priority Tasks you need to complete to enroll.

Transfer enrollment deposit [6]

Start the New Transfer Student Orientation Experience

In the New Transfer Student Orientation, you will prepare to take classes by completing essential next steps for enrollment. To access it, log in to My ASU [5] to view details under Priority Tasks, or check out the New Transfer Student Orientation Experience website [7].

Transfer orientation [7]

Register for classes

You must meet with an academic advisor before you can register for classes. You can find your advisor's contact information in My ASU [5] under the Academic Support Team box. You may want to review the Transfer Guide [8] to view course equivalencies before meeting with your academic advisor.

Submit your FAFSA

The 2024-2025 Free Application for Federal Student Aid is available now. Submit your FAFSA to maximize the amount of aid you receive. ASU's Federal School Code is 001081.

Fall 2025: Complete the 2025-2026 FAFSA
Spring 2026: Complete the 2025-2026 FAFSA

Submit your FAFSA [9]

Apply for scholarships

Transfer scholarships are available to help pay for tuition, housing, books and other costs when you transfer to ASU.

Apply [10]

Submit your MMR immunization verification form

You must submit your measles (rubeola), mumps and rubella immunization form before classes begin. You can fax, email or mail your records to ASU Health Services [11].

Immunization form [12]

Explore housing options

There are limited on-campus [13] options for transfer students; however, we strongly encourage you to take advantage of off-campus housing options surrounding each ASU campus. We understand that you may not be familiar with all of the housing options in the Phoenix metropolitan area, so we have developed the Off-Campus Housing Marketplace [14] to help you search for the apartment or house that works for you.

Request final transcripts

As soon as you graduate or complete your current semester or term, request an official final transcript be sent from your college or university to ASU's Admission Services.

Learn more [15]

Review parking and transportation

Cars are not the only way to get to ASU. The bus and light rail are affordable options, and students can walk, bike or skateboard on campus.

Review options [16]

Visit campus

If you haven't toured campus already, visiting is the best way to get an idea of what life is like as a Sun Devil. Schedule a walking tour [17] with a campus tour guide at all of ASU's campuses. If you can't make it in person, take a virtual tour [18] — or if you'd rather explore campus on your own, take a self-guided audio tour [19] to hear about every major campus attraction.

Visit campus [20]

Attend welcome events

Get to know your campus and meet other transfer students at ASU's free welcome events. Explore the event schedule to discover which ones to attend.

Explore events [21]

Virtual admit packet

Below you'll find the "Transfer students next steps" brochures and your guide to My ASU.

Fall 2025 transfer student next steps

Next steps guide [22]
Guide to MyASU [23]

Source URL: https://admission.asu.edu/apply/transfer/admitted

Links:
[1] https://registrar.asu.edu/academic-calendar

[2] https://admission.asu.edu/contact/undergraduate
[3] https://weblogin.asu.edu/password/activation
[4] https://transferguide.apps.asu.edu/app/home
[5] http://my.asu.edu
[6] https://admission.asu.edu/apply/first-year/deposit#transfer1
[7] https://newstudentorientation.apps.asu.edu/
[8] https://tcg.asu.edu
[9] https://tuition.asu.edu/financial-aid/fafsa
[10] https://scholarships.asu.edu
[11] https://eoss.asu.edu/health/contact
[12] https://eoss.asu.edu/health/parents/immunization
[13] https://housing.asu.edu/upper-division-housing
[14] https://offcampushousing.asu.edu/
[15] https://admission.asu.edu/apply/transcripts
[16] https://cfo.asu.edu/transportation
[17] https://visit.asu.edu/schedule
[18] https://tours.asu.edu
[19] https://app.adoraexperiences.com/arizona-state-university/
[20] https://visit.asu.edu/
[21] https://eoss.asu.edu/welcome/events
[22] https://admission.asu.edu/sites/default/files/2024-10/69740_TRNAdmitPacket_Fa25_NextStepsBrochure_WEB.pdf
[23] https://admission.asu.edu/sites/default/files/2023-10/63499_TransferFallAdmitPacket_MyASUInsert_WEB%20%281%29.pdf

International first-year student admission

Review the requirements and follow the steps below to apply to become an international first-year student at ASU.

Applying to ASU as an international student

Academic requirements

First-year students must:

- Have a 3.00 grade point average (GPA) (a "B" or better where "A"=4.00) from a secondary school. Some ASU programs may have higher admission or English proficiency requirements and may consider a minimum ACT or SAT score.
- Must have three years of high school coursework. (If you are currently in high school, ASU needs to see 9–11 grade coursework. If you have completed high school, ASU needs to see 10–12 grade coursework.)
- Must have and present a completed high school diploma or certificate.

Conditional admission

ASU may offer conditional undergraduate admission to international applicants to an on-campus program who meet the academic (aptitude) requirements but who are not proficient in English. This offer of conditional admission will give you time to improve your English proficiency before you start classes at ASU. Your conditional admission offer is good for up to three semesters, during which time you must meet one of these requirements [1] to begin your ASU experience.

Competency requirements

International students who completed high school outside the U.S. are required to meet the following competency requirements:

- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

International students who attended four years of high school in the U.S. are required to meet the competency requirements [2].

Comparable degree requirements in different countries and territories

Arizona State University recognizes that educational systems are different across the world. To help you determine if your academic credentials are comparable to a U.S. high school degree and to understand the documents that need to be submitted for admission, **please review the requirements for the country from which your credential was earned**.

[Archivist's Note: In-page by-country requirements tool unable to be captured.]

U.S citizen?

If you are a U.S. citizen and completed all of your coursework in the U.S., visit our domestic first-year admission web page [3].

Find an international first-year ASU representative

Find my rep [4]

Find your degree program

Degree search [5]

How to apply to ASU

Step 01: Complete the undergraduate application for admission.
Apply online with ASU's Application for Admission [6] or the Common Application [7]. ASU accepts only one application. We have no preference between the ASU application or the Common Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

Step 02: Submit the nonrefundable application fee.
International nonresidents: $85 ($70 for ASU online programs)

You can pay using a credit card (Visa or Mastercard) at the time you submit your application or when you log in to My ASU [8]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

If you applied for admission through the Common Application [7], pay the application fee through that application.

Step 03: Have official transcript(s) and examination results sent directly from your school(s) or exam board to Admission Services. Provide English translations of all documents not issued in English.
Official transcripts are certified copies of official documents from each secondary school, college, university or technical school attended. Records must include courses completed, grades or marks earned, and certificates or degrees awarded. Include a certified English translation of all documents not issued in English.

Visit the transcripts page for detailed information on submitting international transcripts and English translations.

Transcripts information [9]

Step 04: Provide evidence of English language proficiency.
Have your TOEFL, IELTS, PTE, Duolingo English test, or Cambridge English exam score, sent directly to ASU, or provide proof of completion from Global Launch.

TOEFL
The official TOEFL score report can be sent directly to ASU from the Educational Testing Service. ASU's TOEFL institutional code is 4007. For information about this test and registration procedures, contact ETS at PO Box 6151, Princeton, NJ 08541-6151, USA or visit www.toefl.org [10].

Duolingo English test
Learn more about the Duolingo test [11].

Global Launch
ASU accepts completion of the Global Launch English Language program or English for Undergraduate Admission and Achievement online self-paced course. Learn more about Global Launch [12].

IELTS
For information about this test and registration procedures, contact the IELTS Office, University of Cambridge Local Examination Syndicate, 1 Hills Road, Cambridge/CB1 2EU, UK, or visit www.ielts.org [13].

PTE
For information about the Pearson Test of English, visit www.pearsonpte.com [14].

Cambridge English
ASU accepts the B2 First, C1 Advanced, and C2 Proficiency Exams. For information about Cambridge English Language Assessments, visit https://www.cambridgeenglish.org/exams-and-tests/ [15].

Undergraduate English proficiency [1]

Step 05: Secondary and post-secondary documentation.
All documents must be an original or an attested copy with an original institutional seal and/or signature. Photocopies, notarized copies, faxes or scans are not considered original documents. All documents must be translated into English if the original is not issued in English.

Note: Before mailing or sending any documentation, you must fill out an ASU application. Sending documents before doing so will delay the processing of your application. It is also recommended that you include your ASU EMPLID on the envelope of any documents being mailed to ASU.

Do you have any college credits?
- All college work must be reported at the time of filling out your application.
- We must see all transcripts/academic records from all institutions that you have ever attended (regardless if you have finished the program at that institution or not).
- All documents not issued in English must be accompanied by an English translation.
- Access the transfer credit guide [16] to check your college credits.

Professional third-party evaluations
ASU provides in-house credential evaluations of your secondary and postsecondary academic records at no extra cost. However, if you have already had your academic credentials evaluated, ASU will consider course-by-course evaluations from the four agencies below:
- Educational Credential Evaluators. [17]
- Foreign Credentials Service of America. [18]
- Academic Credentials Evaluation Institute. [19]
- Scholaro. [20]

Note: Official evaluations do not take the place of official academic records. The evaluation is in addition to the official academic record. If the evaluation agency includes academic records they used to complete their evaluation and indicates that the evaluation was based on official or authenticated records, we may accept those documents as official.

Transfer guide [21]

Step 06: Submit your ACT or SAT scores (optional).
ACT or SAT scores are not required for admission, but may be submitted for ASU course placement or as supplemental information. Have your scores sent to ASU from ACT [22] or College Board [23] when you register for the test.

Step 07: Check application status.
Once you've completed all these steps, ASU will review your application. To see if you have any missing items, and to review your admission status and I-20 status, sign in at My ASU using your ASURITE UserID, which is sent to you after you apply for admission.

Activate My ASU and your ASURITE UserID.
You will receive your ASURITE UserID and activation code via email within one to three business days of submitting your application. If you have previously applied to ASU, your ASURITE UserID will remain the same. You'll use your ASURITE UserID to log in to My ASU. If you have previously applied to ASU, your ASURITE UserID will remain the same. If you have not previously activated My ASU, have your activation code sent to you [24] by submitting your ASU ID number and last name. If you have trouble logging in with your ASURITE UserID, contact the ASU Help Desk at 855-278-5080 or contact.asu.edu [25].

Check application status [8]

Step 08: Submit your student visa application.
All international students planning to attend Arizona State University will need to first apply for an I-20 in order to apply for an F-1 or J-1 student visa.

Student visa info [26]

Application deadlines

You must submit your application for admission to ASU, along with the application fee, by the deadline specified for each semester. To expedite the evaluation of your application, please remember to submit official transcripts, test scores and supporting credentials along with your application.

Fall 2025

Jan. 15, 2025
Application priority deadline
May 1, 2025
Enrollment deposit date
(first-year students only)
Aug. 21, 2025
First day of classes

Spring 2026

Nov. 1, 2025
Application priority deadline
Dec. 1, 2025
Enrollment deposit date
(first-year students only)
Jan. 12, 2026
First day of classes

Note: Applications for summer that are not completed in time for the start of the summer sessions will be reviewed for admission for the fall semester.

Note: International students who have been admitted for the fall semester who would like to begin attending classes during the summer must contact Admission Services [27] by May 1. Otherwise, I-20s will be created for the fall semester.

Make sure to apply as early as possible to allow time for all documentation and processes to be completed.

Virtual campus tours [28]
What kind of student are you? [29]
ASU rankings [30]
Campus fit quiz [31]
Phoenix life [32]
Degree search [33]
Tuition estimator [34]
Contact your rep [4]

Frequently asked questions about international first-year admission

How do I apply to an American university as an international student?
To apply to ASU as an international student, you must meet certain academic requirements, as well as demonstrate proof of English proficiency. Review this page for admission and English proficiency requirements, application procedures, and deadlines for undergraduate students.

Do I have to know English to study at ASU?
Yes. ASU requires proof of English proficiency from all international student applicants, or applicants whose native language is not English. ASU accepts TOEFL, PTE, IELTS or DuoLingo English test scores, or completion of ASU's Global Launch English and academic preparation courses as proof of English proficiency.

What is Global Launch?
Global Launch is Arizona State University's English language and academic preparation unit, providing face-to-face and online English and pathways programs for international students seeking admission to the university.

View more FAQs [35]

Source URL: https://admission.asu.edu/apply/international/first-year

Links:
[1] https://admission.asu.edu/apply/international/undergrad/english-proficiency
[2] https://admission.asu.edu/apply/first-year/competency-requirements
[3] https://admission.asu.edu/apply/first-year/admission
[4] https://admission.asu.edu/contact/undergraduate
[5] https://degrees.asu.edu
[6] https://webapp4.asu.edu/uga_admissionsapp
[7] https://apply.commonapp.org/Login?ma=901
[8] https://my.asu.edu/
[9] https://admission.asu.edu/apply/transcripts
[10] http://www.ets.org/toefl
[11] https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test
[12] https://globallaunch.asu.edu/learn-english/asu-admission
[13] https://www.ielts.org/en-us/
[14] https://www.pearsonpte.com/
[15] https://www.cambridgeenglish.org/exams-and-tests/
[16] https://webapp4.asu.edu/transfercreditguide/app/home
[17] https://www.ece.org/ECE
[18] https://foreigncredentials.org/
[19] https://www.acei-global.org/
[20] https://www.scholaro.com/
[21] https://transferguide.apps.asu.edu/app/home
[22] https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html
[23] https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send
[24] https://weblogin.asu.edu/password/activation
[25] https://contact.asu.edu/
[26] https://admission.asu.edu/apply/international/student-visa
[27] https://admission.asu.edu/contact
[28] https://visit.asu.edu
[29] https://admission.asu.edu/student-experience-quiz?fname=&lname=&email=&stype=&zipcode=&country=&sterm=&rfi_sid=&rfi_nid=&r=1

[30] https://www.asu.edu/rankings
[31] https://yourfuture.asu.edu/campus-fit
[32] https://admission.asu.edu/campus-life/phoenix
[33] https://degrees.asu.edu/
[34] https://tuition.asu.edu/cost/tuition-estimator
[35] https://admission.asu.edu/contact/faqs#international

International transfer student admission

How to transfer colleges as an international student

Comparable requirements to a high school diploma

Arizona State University recognizes that educational systems are different across the world. To help you determine if your academic credentials are comparable to a U.S. high school degree and to understand the documents that need to be submitted for admission, please review the requirements for the country from which your credential was earned.

[Archivist's Note: In-page by-country requirements tool unable to be captured.]

U.S Citizen?
If you are a U.S. citizen and completed all of your coursework in the U.S., visit our domestic transfer admission web page [1].

How to complete the undergraduate application as an international transfer student

Your info

Apply to ASU step 1: Your info [2] on YouTube.

The first step in completing the ASU undergraduate application is the My Information section. We walk you through each of these fields and address questions you might have about this section of the application.

Academic history

Apply to ASU step 2: Academic history [3] on YouTube.

The second section of the application focuses on your prior academic history, including high school and any colleges or universities you previously attended. Watch as we guide you through these scenarios and explain how to fill out each part based on your situation.

Grades

Apply to ASU step 3: Grades [4] on YouTube.

All students have the option to self-report high school grades in the My Grades section of the application, though self-reporting is not required. In this video, we walk you through this process and explain what courses you should include, how to add these courses to your application and more.

Residency

Apply to ASU step 4: Residency [5] on YouTube.

The information you share in the residency portion of the undergraduate application helps the admission office determine if you are an in-state, out-of-state or international student. In this video, we cover these terms in detail and explain how to accurately fill out this part of your application.

Choose a major

Apply to ASU step 5: Choose a degree [6] on YouTube.

One of the final sections of the undergraduate application is the Choose Major section. If you're unsure about what major is best for you, we offer resources that might help you decide. And, you can always change your major later.

Submit

Apply to ASU step 6: Submit [7] on YouTube.

Now all that's left is to review your application, submit it and pay the application fee. In this video, we review how to pay the application fee and what the next steps are now that you've submitted your application to ASU.

International transfer student admission requirements

Academic requirements

Transfer students are considered anyone with 12 or more transferable credits completed post high school. Transfer students must have a minimum 2.50 cumulative GPA (a "C+" or better where "A"=4.00). Some majors have higher admission requirements. To find the requirements for your specific program, please visit ASU's Degree Search [8].

Some ASU programs may have higher admission and English proficiency requirements and may consider a minimum ACT or SAT score.

You must have and present a completed high school diploma or certificate.

You must submit official transcripts from every high school, college and university you attended, regardless if a degree was earned.

For more information on the process, additional requirements for students with additional credits and other information, visit transfer apply [9].

Aptitude requirement

You must meet one of the following:

- Transfer students with 12–23 transferable credits must also have a minimum 2.50 cumulative transfer GPA and meet first-year student admission requirements [10].
- Transfer students with 24 or more transferable credits must have a minimum 2.50 cumulative transfer GPA.
- Transfer students who have earned an associate degree or higher from a regionally accredited higher education institution must have a minimum 2.00 cumulative GPA (for Arizona residents) or 2.50 cumulative GPA (for nonresidents).

Some majors have higher admission requirements. To find the requirements for your specific program, please visit ASU's Degree Search [8].

"A" = 4.00; ASU accepts college-level courses in which you have earned a "C-" or better.

Competency requirements

International students who attended four years of high school in the U.S. are required to meet the competency requirements.

- English: four years (composition/literature based).
- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences, and physics) .
- Social science: two years (including one year American history).
- Foreign language: two years (same language).
- Fine arts: one year.

International students who completed high school outside the U.S. are required to meet the following competency requirements:

- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

Important deadlines

You must submit your application for admission to ASU, along with the application fee, by the deadline specified for each semester. To expedite the evaluation of your application, please remember to submit official transcripts, test scores and supporting credentials along with your application.

Fall 2025

Feb. 1, 2025
Application priority deadline

July 21, 2025
Final day to issue I-20/DS-2019 outside the U.S.

July 21, 2025–Aug. 21, 2025
Mandatory SEVIS check-in with ISSC

Aug. 21, 2025
Final day to issue I-20/DS-2019 for transfer students within the U.S.

Aug. 21, 2025
First day of classes

Spring 2026

Nov. 1, 2025
Application priority deadline

Dec. 12, 2025
Final day to issue I-20/DS-2019 outside the U.S.

Dec. 13 2025 – Jan. 12, 2026
Mandatory SEVIS check-in with the International Student and Scholars Center

Jan. 12, 2026
Final day to issue I-20/DS-2019 for transfer students within the U.S.

Jan. 12, 2026
First day of classes and deadline to check in with the International Student and Scholars Center

Note: Applications for summer that are not completed in time for the start of the summer sessions will be reviewed for admission for the fall semester.

Note: International students who have been admitted for the fall semester who would like to begin attending classes during the summer must contact Admission Services [11] by May 1. Otherwise, I-20s will be created for the fall semester. Make sure to apply as early as possible to allow time for all documentation and processes to be completed.

How to apply to ASU

Step 01: Complete the undergraduate application for admission and pay the nonrefundable application fee.
Apply online with ASU's Application for Admission [12] or the Common Application [13]. ASU accepts only one application. We have no preference between the ASU application and the Common Application. If two applications are submitted, one will be canceled in our system. The application fee is $85 (U.S. Dollars) and is nonrefundable.

Step 02: Activate My ASU and your ASURITE User ID.
You will receive your ASURITE User ID and activation code via email within one to three business days of submitting your application. If you have previously applied to ASU, your ASURITE User ID will remain the same. You'll use your ASURITE User ID to log in to My ASU. If you have previously applied to ASU, your ASURITE User ID will remain the same. If you have not previously activated My ASU, have your activation code sent to you [14] by submitting your ASU ID number and last name. If you have trouble logging in with your ASURITE User ID, contact the ASU Help Desk at 855-278-5080 or contact.asu.edu [15].

Check application status [16]

Step 03: Have official transcript(s) and examination results sent directly from your school(s) or exam board to Admission Services. Provide English translations of all documents not issued in English.
Official transcripts are certified copies of official documents from each secondary school, college, university or technical school attended. Records must include courses completed, grades or marks earned, and certificates or degrees awarded. Include a certified English translation of all documents not issued in English.

For more detailed information on submission of international transcripts and English translations, please visit our transcripts page [17].

High school transcripts

If you have not completed an associate degree or higher from a U.S. regionally accredited university or college, you must submit one of the following:

- Official high school transcript with a graduation date.
- Official U.S. GED/HiSet transcripts.
- Affidavit of Completion of Secondary School Education.

ASU accepts hand-delivered official high school transcripts in sealed envelopes from applicants. (ASU does not accept faxed high school transcripts.)

NOTE: Transfer applicants with 24 or more transferable semester credit hours from a regionally accredited college or university or recognized international university, including previously completed ASU credits, and who will be 22 or older by the start of the requested semester of admission, will not be required to submit a high school transcript for admission. Once all prior college or university transcripts and outstanding admission items are received and verified, the high school transcript requirement will be waived. Transfer applicants are required to have graduated from an approved high school (or equivalent) prior to the semester of requested admission to ASU, and to include this information on the application for admission.

Step 04: Provide evidence of English language proficiency.
Have your TOEFL, IELTS, PTE, Duolingo English test or Cambridge English exam score sent directly to ASU, or provide proof of completion from Global Launch.

TOEFL

The official TOEFL score report can be sent directly to ASU from the Educational Testing Service. ASU's TOEFL institutional code is 4007. For information about this test and registration procedures, contact ETS at PO Box 6151, Princeton, NJ 08541-6151, USA or visit http://www.ets.org/toefl [18].

IELTS

For information about this test and registration procedures, contact the IELTS Office, University of Cambridge Local Examination Syndicate, 1 Hills Road, Cambridge/CB1 2EU, UK or visit www.ielts.org [19].

PTE

For information about the Pearson Test of English, visit www.pearsonpte.com [20].

Global Launch

ASU accepts completion of the Global Launch English Language program or English for Undergraduate Admission and Achievement online self-paced course. Learn more about Global Launch [21].

Duolingo English test

Learn more about the Duolingo test [22].

Cambridge English

ASU accepts the B2 First, C1 Advanced and C2 Proficiency Exams. For information about Cambridge English Language Assessments, visit cambridgeenglish.org/exams-and-tests [23].

Step 05: American university admission reminders and secondary and post-secondary documentation.
All documents must be an original or an attested copy with an original institutional seal and/or signature. Photocopies, notarized copies, faxes or scans are not considered original documents. All documents must be translated into English if the original is not issued in English.

Note: Before mailing or sending any documentation, you must fill out an ASU application. Sending documents before doing so will delay the processing of your application. It is also recommended that you include your ASU EMPLID on the envelope of any documents being mailed to ASU.

Do you have any college credits?

- All college coursework must be reported at the time of filling out your application.
- We must see all transcripts/academic records from all institutions that you have ever attended (regardless of whether you have finished the program at that institution or not).
- All documents not issued in English must be accompanied by an English translation.
- Access the transfer credit guide [24] to check your college credits.

Professional third-party evaluations
ASU provides in-house credential evaluations of your secondary and postsecondary academic records at no extra cost. However, if you have already had your academic credentials evaluated, ASU will consider course-by-course evaluations from the four agencies below:

- Educational Credential Evaluators [25].
- Foreign Credentials Service of America [26].
- Academic Credentials Evaluation Institute [27].
- Scholaro [28].

Note: Official evaluations do not take the place of official academic records. The evaluation is in addition to the official academic record. If the evaluation agency includes academic records they used to complete their evaluation and indicates that the evaluation was based on official or authenticated records, we may accept those documents as official.

Step 06: Check application status.
Once you've completed all these steps, ASU will review your application. To see if you have any missing items, and to review your admission status and I-20 status, sign in to My ASU [16] using your ASURITE User ID, which is sent to you after you apply for admission.

Step 07: Submit your student visa application.
All international students planning to attend Arizona State University will need to first apply for an I-20 in order to apply for an F-1 or J-1 student visa.

Student visa info [29]

Schedule a transfer appointment

Contact an international transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact a specialist [30]

Additional resources

Attend a virtual event [31]
Virtual campus tours [32]
What kind of student are you? [33]
Campus fit quiz [34]
Phoenix life [35]
Degree search [8]
Tuition estimator [36]
Contact your rep [30]

Frequently asked questions about international transfer admission

How do I apply to ASU as an international transfer student?

To apply to ASU as an international transfer student, you must meet certain academic requirements, as well as demonstrate proof of English proficiency. Review this page [37] for admission and English proficiency requirements, application procedures, and deadlines for undergraduate students.

How do I transfer credits to an American university?

When you transfer to ASU from another college or university, the following general standards for transfer credits apply. Use ASU transfer tools [24] to learn how credits will transfer and begin creating your roadmap to graduation.

How many credits can be transferred to ASU?

You can transfer a maximum of 64 credits from a regionally accredited community, junior or two-year college for courses in which you have earned a “C” (4.00=“A”) or better.

View more FAQs [38]

Source URL: https://admission.asu.edu/apply/international/transfer

Links:
[1] https://admission.asu.edu/apply/transfer/admission
[2] https://www.youtube.com/watch?v=68o3q9HYvek
[3] https://www.youtube.com/watch?v=iYQIQgu2X2c
[4] https://www.youtube.com/watch?v=J7xwYf1NbTU
[5] https://www.youtube.com/watch?v=QvcgOihkme8
[6] https://www.youtube.com/watch?v=JSUsoRU-zl4
[7] https://www.youtube.com/watch?v=lcEiT0ylLJE
[8] https://degrees.asu.edu
[9] https://admission.asu.edu/transfer/apply
[10] https://admission.asu.edu/apply/first-year/admission
[11] https://admission.asu.edu/contact
[12] https://webapp4.asu.edu/uga_admissionsapp
[13] https://apply.commonapp.org/Login?ma=901
[14] https://weblogin.asu.edu/password/activation
[15] https://contact.asu.edu
[16] https://my.asu.edu
[17] https://admission.asu.edu/apply/transcripts
[18] http://www.ets.org/toefl
[19] https://www.ielts.org/en-us/
[20] https://www.pearsonpte.com/
[21] https://globallaunch.asu.edu/learn-english/asu-admission
[22] https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test
[23] https://www.cambridgeenglish.org/exams-and-tests/
[24] https://webapp4.asu.edu/transfercreditguide/app/home
[25] https://www.ece.org/ECE
[26] https://foreigncredentials.org/
[27] https://www.acei-global.org/
[28] https://www.scholaro.com/
[29] https://admission.asu.edu/apply/international/student-visa
[30] https://admission.asu.edu/contact/undergraduate
[31] https://visit.asu.edu/live-hosted-visit
[32] https://tour.asu.edu
[33] https://admission.asu.edu/apply/student-type
[34] https://yourfuture.asu.edu/campus-fit
[35] https://admission.asu.edu/campus-life/phoenix

[36] https://tuition.asu.edu/cost/tuition-estimator
[37] https://admission.asu.edu/transfer/transferring-credits
[38] https://admission.asu.edu/contact/faqs#internationalBottom of Form

International undergraduate applicants English proficiency

Pass the TOEFL, IELTS, PTE, Duolingo English test or Cambridge English exam

Test of English as a Foreign Language (TOEFL)

ASU accepts the TOEFL iBT® taken in a testing center. ASU does not accept TOEFL iBT® Home Edition, TOEFL iBT® Paper Edition or TOEFL Essentials Exams.

TOEFL iBT (internet-based test)

For the general requirement programs, the minimum score is 61 (iBT). ASU's institutional code is 4007. ASU accepts only electronic copies of the TOEFL score report.

Bachelor of Science in Nursing: minimum score of 76.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 79.

Walter Cronkite School of Journalism and Mass Communication (higher admission requirement programs only): minimum score of 100.

Learn more about the TOEFL [1].

International English Language Testing System (IELTS)

ASU accepts IELTS Academic, IELTS Online, IELTS UKVI and IELTS Indicator exams.

The overall band score requirement for the academic test is at least 6.0. The general training exam is not accepted. No institutional code is needed.

Bachelor of Science in Nursing: minimum score of 6.5.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 6.5.

Walter Cronkite School of Journalism and Mass Communication (higher admission requirement programs only): minimum score of 7.0.

Learn more about IELTS [2].

Pearson Test of English (PTE)

ASU requires a score of at least 53.

This test is not accepted for admission to the Bachelor of Science in Nursing program.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 58.

Walter Cronkite School of Journalism and Mass Communication (higher admission requirement programs only): minimum score of 73.

ASU does not accept the PTE Academic Online exam.

Learn more about PTE [3].

Duolingo English test

General requirement programs: minimum score of 95.

Bachelor of Science in Nursing: minimum score of 100.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 105.

Walter Cronkite School of Journalism and Mass Communication (higher admission requirement programs only): minimum score of 120.

Learn more about the Duolingo English test [4].

The exam may be taken from any computer that has a camera, audio and reliable internet connection. The exam portion of the Duolingo English test contains a series of speaking, reading, writing and listening exercises. Following the exam, there will be an interview portion that will ask you to respond to various prompts in 30 to 90 seconds. The exam will take about 45 minutes to complete and you will need either a passport, driver license, or national or state ID to show the camera. The score results are generally received within a few days of exam completion.

Should you choose to take the Duolingo English test, the access information is below.

Information on preparing for the exam [4] | Take the exam or practice exam [5]

A verification email will be sent to you a few days after completing the exam containing a link to send your score to ASU.

For additional information, please review the frequently asked questions [6].

Cambridge English exams

ASU accepts the B2 First, C1 Advanced, and C2 Proficiency Cambridge English exams.

General requirement programs overall minimum score requirement: 170.

Bachelor of Science in Nursing: minimum score of 176.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 176.

Walter Cronkite School of Journalism and Mass Communication (higher admission requirement programs only): minimum score of 185.

Information on sending your Cambridge English Scores to ASU [7]

An IELTS, PTE, TOEFL, Duolingo exam, or Cambridge English exam must have been taken no longer than two years prior to the student's start date at ASU. Applicants who have scores that are more than two years old (or will be more than two years old by the time of their ASU start date) may be requested to submit updated test scores or demonstrate English proficiency through one of the other listed options.

Complete Global Launch courses at ASU*

English language program

Complete the highest level of the Campus or Online Immersion English language program with a passing grade of B- (80%) or better.

Online self-paced English course

Complete the English for Undergraduate Admission and Achievement online course with a passing score.

Learn more about Global Launch [8]

*Individual academic units may have higher requirements for English proficiency. Review your degree program of interest for details. Visit ASU's degree search to find your program

Other ways to demonstrate English proficiency

1. U.S. citizens or U.S. permanent residents.
2. Citizen of a country/territory on the ASU English speaking country and territory list [9].
3. Junior and senior year of high school completed in the U.S. AND ACT English score of 23 or higher or SAT EBRW score of 580 or higher, AND two years English.
4. Four years of high school in the U.S. with four years of English.
5. 48 transferable credits from a regionally accredited U.S. college or university with a GPA of 2.50 or higher, of which six credits are in first-year English (comparable to ASU ENG 107 and 108).
6. Undergraduate applicants who have earned a secondary or high school degree or higher from an international institution that is officially recognized by that country, and whose sole medium of instruction for the degree program was in English. If the transcript does not indicate language of instruction, the applicant should email asuinternational@asu.edu to request exemption and include a letter from the institution on letterhead indicating language of instruction or provide information on the institution website to verify language of instruction.

Note: English as a Second Language (ESL) courses are not accepted as proof of English proficiency.

Source URL: https://admission.asu.edu/apply/international/undergrad/english-proficiency

Links:
[1] https://www.ets.org/toefl
[2] https://www.ielts.org/
[3] https://www.pearsonpte.com/
[4] https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test
[5] https://englishtest.duolingo.com/applicants
[6] https://testcenter.zendesk.com/hc/en-us
[7] https://support.cambridgeenglish.org/hc/en-gb/articles/360021664771-Sending-your-results-to-a-recognising-organisation
[8] https://globallaunch.asu.edu/learn-english/asu-admission
[9] https://admission.asu.edu/international/english-speaking-countries

International student visas

I-20 updates

We look forward to your arrival and have been hard at work making plans to welcome our new international students to campus.

What we want you to know

1. It is extremely important that you submit the documents required for the issuance of your I-20 to us. Upload the required documents through My ASU [1]. The upload tool on My ASU only allows the upload of each document type once, so please ensure you have all your documents ready before uploading. If you upload financial documents that do not cover the full funding needed as shown on the financial guarantee, you will be asked to submit additional documentation to demonstrate the full funding, which will delay the issuance of your I-20. Please ensure your financial documents show sufficient funding before uploading.
2. Once ASU has received all documents required to issue an I-20 and has verified that they are complete, you will receive an email with a link to download your I-20 from the Document Portal in My ASU. Once received, you should print the I-20 and sign the document. You will not receive a physical I-20 via mail.

    a. The email will be sent to your @asu.edu email. As a reminder, your @asu.edu email address is being forwarded to your personal email account, so be sure to check it often, including junk and spam folders, so you do not miss any messages.
3. Once you have received your I-20, be sure to pay your I-901 fee [2]. Once the fee has been paid do not delay in contacting your consulate to obtain a visa appointment. Some consulates may have long wait times, so do not delay on securing an appointment time.
4. If you are unable to submit the documentation needed to receive an I-20 from ASU or are unable to obtain your F1 visa in time to arrive by the start of the semester of your admission, contact ASUinternational@asu.edu and we can advise you on your options.
5. If you have any questions, please contact our International Admission Services team. We will work with you to keep you on track.
6. View the I-20 Frequently Asked Questions webpage [3] for more information.

Helpful reminder

Be sure to check wait times for your local embassy [4] or consulate, as some areas may be experiencing wait times longer than 30 days. You can now apply for your visa up to 365 days before the start date listed on your I-20. Complete these steps as soon as possible so that when your local embassy can take your appointment, you will be ready to proceed with your next steps.

Types of international student visas

As an international student at Arizona State University, you will need to obtain an F-1 or J-1 student visa.

F-1 student visa

The F-1 visa is the most common student visa and is issued to full-time students enrolled in an academic or language program at a U.S. institution. Any student who is funded either by personal or outside funds, or a combination of the two, is eligible for F-1 status. If you are a student applying for an F-1 visa, you must request the SEVIS Form I-20 from the appropriate ASU admission office once admitted to ASU.

J-1 student visa

The J-1 visa is an exchange visitor visa issued to students at all academic levels. Students must have a substantial portion of their funding coming from a source other than their personal finances (e.g., their home institution or government). If you are a student applying for a J-1 visa, you must request Form DS-2019 from the appropriate ASU admission office once admitted to ASU.

F-2 dependent visa (undergraduate)

The F-2 visa is a nonimmigrant visa that allows dependent spouses and children of F-1 student visa holders to enter the U.S. and enroll in an educational institution. As a student with F-2 visa status, you can attend ASU only as a part-time student. For the undergraduate level, this means you may register for up to 11 credit hours for the spring and fall terms.

More F-2 information [5]

F-2 dependent visa (graduate)

The F-2 visa is a nonimmigrant visa that allows dependent spouses and children of F-1 student visa holders to enter the U.S. and enroll in an educational institution. As a student with F-2 visa status, you can attend ASU only as a part-time student. For the graduate level, this means you may register for up to eight credit hours for the spring and fall terms. Some graduate programs do not allow students to attend part time. For additional information, please contact your program of interest.

More F-2 information [5]

SEVIS Form I-20

An initial I-20 is issued for students with a new SEVIS record. A transfer I-20 is issued for students who have an active SEVIS record at a U.S. high school or higher education institution, and are transferring their records to ASU.

Initial I-20

If you have not been issued an I-20 in the past, or if you have but the SEVIS record affiliated with that I-20 was terminated or completed, you should request an initial I-20.

Once you have uploaded all required documents in My ASU [1] for the I-20, ASU Admission Services will begin the process of creating your initial I-20.

Transfer I-20

If you have an active SEVIS record at another U.S. school (high school or higher education institution) and are requesting an I-20 through ASU, you should follow the Request Transfer SEVIS Form I-20 section below. Once you have uploaded all required documents in My ASU [1] for the I-20, ASU Admission Services will begin the process of creating your transfer I-20.

Getting an I-20

An I-20 is an important immigration document that F-1 students need in order to obtain their student visa and enter the U.S. ASU guides each student through the process of obtaining their I-20. **Priority Tasks** on My ASU [1] alerts students to the steps they need to take. The process of obtaining an I-20 can take some time, so it is important not to wait until the last minute to begin gathering the necessary documents and uploading them.

For sponsored students, the steps to obtaining an I-20 are slightly different than for nonsponsored students. Students should use the descriptions below to determine whether or not they are a sponsored student.

Sponsored student

A sponsored student's school and living expenses are paid by a sponsoring agency recognized by ASU.

Some examples of sponsoring agencies are ADNOC, Aramco, Dubai Electricity & Water Authority, Kuwait Cultural Office, Oman Cultural Division, Qatar Airways, Qatar Defense Attaché, Qatar Higher Education Institute, QatarEnergy, RasGas, Saudi Arabian Cultural Mission, Sidra, UAE Cultural Division and the UAE Scholarship Coordination Office.

Most of ASU's sponsored students come from Saudi Arabia, Kuwait, United Arab Emirates, Qatar and Oman.

Note: Students receiving an ASU scholarship or TA/RA position are not considered sponsored students.

Once you have uploaded all required documents in My ASU [1] for the I-20, ASU Admission Services will begin the process of creating your initial I-20.

Nonsponsored student

A nonsponsored student's school and living expenses are paid for through personal or family funds, loans, or other means not associated with an ASU-recognized sponsoring agency.

Students who are unsure if they are a sponsored student should contact ASU Admission Services at ASUinternational@asu.edu or +1 480-965-2437.

How to request an I-20

Step 01: Fill out the Financial Guarantee form
In compliance with the Department of Homeland Security and SEVIS regulations, all international applicants on the F-1 student visa must provide evidence of sufficient funds available for their studies in the U.S. For this purpose, a Financial Guarantee form [6] must be completed and submitted along with bank statements dated within the past 12 months and

signed or wet stamped by an authorized bank or representative, or by a recognized sponsoring agency in the U.S. Please submit your Financial Guarantee form along with your bank statements or sponsor letter from an authorized sponsoring agency. ASU will not be able to process your SEVIS Form I -20 without receipt of your Financial Guarantee.

Please refer to the Financial Guarantee form to determine the amount of funds required for your specific program and campus. You can access the form here [6].

Students with dependents (e.g., spouse, child) who will be joining them in the U.S. during their time on an F-1 or J-1 visa will need to provide proof of the following additional funds:

Additional financial support needed for dependents:
Spouse – $7,000
Each child – $5,000

Step 02: Financial document requirements
To meet ASU's financial requirements for your I-20 processing, you must provide Financial Documents that meets the following criteria:

Document requirements:

- All financial documents must be dated within the last 12 months.
- Please include your 10 digit ASU Affiliate ID # on all pages.
- The total available balance across all documents must meet or exceed the amount listed on the Financial Guarantee form [6] for one academic year (9 months) for tuition and fees and living expenses.
- Ensure that all documents are in English or include a certified translation.
- Incomplete or unclear documentation may delay your I-20 processing so carefully review your documents to ensure they meet all requirements and documents are legible before submission.
- IMPORTANT NOTE: The I-20 tracker on My ASU [1] upload tool only allows the upload of each document type once, so please be sure to have all your financial documents combined together prior to uploading.

Acceptable types of financial documents:
Bank statements/bank certification/balance certificate

- Documents should include the following information:
    - Summary of the balance of the account(s) showing liquid assets only (cash, deposits, certificates of deposit, or savings accounts)
    - Account holder name(s)
    - Date of document issue or of balance
    - Currency of the account(s)
    - Type of account(s)
    - Balance Certificates must also show: bank official's printed name, title, and original signature, and be issued on bank letterhead with bank official's signature/stamp.
    - Business account statements must be accompanied by a letter on company letterhead confirming that funds from the account statement are available for student educational purposes. This letter must be signed by a company official with authority over the account.
- Note**:** the account transaction history is not required and screenshots of bank accounts are not acceptable.

Loan letters:

- Provide in-principle and sanctioned loan letters that include the terms and conditions of the loan and the agreed loan amount.

Investment statements:

- Include statements showing liquid assets (accounts that show cash balances only).

Scholarship letters/government funding letters:

- Letters must be issued by scholarship/government agency official on letterhead, which includes the following information:
    - Student's full name
    - Award amount
    - Duration of the award
    - Confirmation that the award is valid for study at ASU
    - The degree and major the scholarship/government funding covers

Note: if a scholarship/government fundings does not cover the full amount required on the Financial Guarantee form, include additional financial documents to cover the remaining amount.

Acceptable government sponsorship agencies include ADNOC, Aramco, Dubai Electricity & Water Authority, Kuwait Cultural Office, Oman Cultural Division, Qatar Airways, Qatar Defense Attaché, Qatar Higher Education Institute, QatarEnergy, RasGas, Saudi Arabian Cultural Mission, Sidra, UAE Cultural Division, and the UAE Scholarship Coordination Office. For more details, refer to the sponsored student section.

Provident fund statement:

- A Provident account statement may be used when submitted with a written statement from the financial institution, which verifies the withdrawable amount for educational purposes.

Department assistantship (RA/TA):

- Provide a copy of your RA/TA offer letter issued by the department to which you have been admitted at Arizona State University.
- Admissions will review your offer letter to determine the total funding provided by your offer as it pertains to the I-20 requirements.
- We are not able to list summer funding on the I-20 document.
- The I-20 document is required to show funding for the first 9 months of your program only.
- Note: if the assistantship does not cover the full amount required for I-20 processing purposes, you must submit additional financial documents

Step 03: Upload a copy of your passport

You may take a clear photo or scan of the biographic page of your passport and upload it to the link on My ASU [1]. The bio page is the page that shows your picture and personal details. Your passport must be valid for at least six months after your proposed date of entry into the U.S. If it is not valid, the I-20 will not be processed.

Step 04: Requesting SEVIS Initial or Transfer Form I-20

Document submission

After being admitted to ASU and submitting your Financial Guarantee form, follow these steps to have your SEVIS Form I-20 created and sent to you:

1. Access My ASU: Log in to My ASU [1] where you will find I-20 tasks listed in your Priority Tasks.
2. Upload Documents: Upload the following items through My ASU:
    - Financial Guarantee Form:
        1. SEVIS Transfer Form I-20: If you are eligible for a SEVIS transfer to ASU, ensure you complete Step 4 with all your SEVIS information.
    - Financial Documents: For example, a bank statement showing sufficient funds.
    - Passport: A clear copy of your passport.

Click on each Priority Task item for additional instructions. Allow at least three business days for intake. Once your documents are on file, we aim to review documents within 7-10 business days to ensure completeness and sufficient funding for one academic year. If any issues are found, you will receive an email and updated priority task requesting additional documentation.

SEVIS Transfer Form I-20 ONLY (if applicable)

If you are currently studying in the U.S. on a F-1 visa and are eligible for a SEVIS transfer, you will need to have your SEVIS record transferred to ASU and complete all fields on Step 4 of your Financial Guarantee form [7] including but not limited to the Transfer Release Date.

Note: A Transfer I-20 will be issued only after your Transfer Release Date. If Step 4 on the Financial Guarantee form [7] is missing any information, we will request an updated form to review for a Transfer I-20.

Important note for all students

If you plan to travel outside the U.S. before starting your studies at ASU, you will need to re-enter the U.S. with your ASU SEVIS Form I-20. Present the ASU SEVIS Form I-20 at the U.S. Port of Entry.

Contact information

If you have any questions, please contact the international student advisor at your transfer out school or reach out to ASU:
Admission Services
Address: 1151 S Forest Avenue, Tempe, AZ 85287-0112
Phone: 480-965-2437
Email for Undergrad: asuinternational@asu.edu
Email for Graduate: gograd@asu.edu

Step 05: Review your SEVIS Form I-20 or DS-2019

It's crucial to very carefully review your SEVIS document, as each page contains important information that you need to understand. Here's what you need to check:

For SEVIS Form I-20 (F-1 Visa)

Page 1: Program and biographical information

- SEVIS Identification Number: Located on the top right corner of the first page. You will need this number for your visa application and to pay the SEVIS fee.
- Entry Date: You can enter the U.S. up to 30 days before the report date listed on your form (Item #5). Entering after this date may cause issues with immigration officials at the Port of Entry.
- Student Certification: By signing the Student Certification (Item #11), you confirm that you have read and understood the terms and conditions of your F-1 status.
- Program Name: The I-20 may list a CIP Code/Name, which groups similar programs, rather than the exact name of your program.

Page 2: Instructions

- This page includes important information for maintaining your F-1 status while studying at ASU. Make sure to read and understand these instructions.

Page 3: Travel Authorization

- This page is for future travel authorization. You do not need a signature on this page for your initial entry into the U.S. with your SEVIS Form I-20.

Note: Dependents accompanying an F-1 student in F-2 status must have their own SEVIS Form I-20 issued in their name.

For SEVIS Form DS-2019 (J-1 Visa)

Page 1: Program and Biographical Information

- SEVIS Identification Number: Located on the top right. This number is needed for your visa application and to pay the SEVIS fee.
- Travel Authorization: Includes spaces for future travel authorization. You do not need a signature on this page for your initial entry into the U.S. with your SEVIS Form DS-2019.
- Program Name: The DS-2019 may list a CIP Code/Name, which groups similar programs, rather than the exact name of your program.

Page 2: Instructions

- This page contains important information for maintaining your J-1 status while studying or conducting research at ASU. Be sure to read and follow these instructions.

Note: Dependents accompanying a J-1 student in J-2 status must have their own SEVIS Form DS-2019 issued in their name.

Important Actions

- Verify Accuracy: Ensure all information (e.g., spelling, dates) on your SEVIS Form I-20 or DS-2019 is correct. If you find any mistakes, contact the admissions office immediately to have them corrected.
- Visa Application: You will need your SEVIS Form I-20 or DS-2019, ASU admission notification, Financial Guarantee form, and passport to obtain your student visa at the U.S. consulate nearest to you.

Step 06: Process SEVIS Form I-901 and payment

Upon receipt of SEVIS Form I-20 or Form DS-2019, you will have the information needed to pay the SEVIS fee and the SEVIS Form I-901 [8] fee. You must pay the SEVIS fee and have a receipt prior to applying for a student visa.

The SEVIS Form I-901 [9] fee is mandated by the U.S. Congress to support the program office and the automated system that keeps track of students and exchange visitors, and ensures that they maintain their status while in the U.S.

I-20 and DS-2019 issuance timeline

The U.S. government has strict regulations on the issuance of I-20 and DS-2019 documents to international students who wish to attend an educational institution in the U.S. The dates below are for issuance of an I-20 or DS-2019, the latest date to report to the appropriate international student office, and the final day to be enrolled full time. Any noncompliance with these dates may preclude you from registering for classes. International students not enrolled full time will have their SEVIS record terminated and become subject to detainment and deportation.

Fall 2025 semester

Feb. 3, 2025
First day to issue I-20/DS-2019.

July 22, 2025
Final day to issue I-20/DS-2019 outside the U.S.

July 22–Aug. 21, 2025
Mandatory SEVIS check-in with the International Students and Scholars Center.

Aug. 7, 2025
Undergraduate students' last day to request an academic deferral and deferral of the I-20.

Aug. 21, 2025
Final day to issue I-20/DS-2019 for SEVIS transfer students within the U.S.

Aug. 21, 2025
First day of classes and deadline to check in with the International Students and Scholars Center.

Sept. 3, 2025
Graduate students' last day to request an academic deferral and deferral of the I-20.

Spring 2026 semester

Sept. 1, 2025
First day to issue I-20/DS-2019.

Dec. 12, 2025
Final day to issue I-20/DS-2019 outside the U.S.

Dec. 13, 2025 –Jan. 12, 2026
Mandatory SEVIS check-in with the International Students and Scholars Center.

Jan. 12, 2026
Final day to issue I-20/DS-2019 for SEVIS transfer students within the U.S.

Jan. 12, 2026
First day of classes and deadline to check in with the International Students and Scholars Center.

Jan. 25, 2026
Graduate students’ last day to request an academic deferral and deferral of the I-20.

Summer 2026 semester

Feb. 2, 2026
First day to issue I-20/DS-2019.

April 18, 2026
Final day to issue I-20/DS-2019 outside the U.S.

April 18 – May 18, 2026
Mandatory SEVIS check-in with the International Students and Scholars Center.

May 4, 2026
Undergraduate students' last day to request an academic deferral and deferral of the I-20.

May 18, 2026
Final day to issue I-20/DS-2019 for SEVIS transfer students within the U.S.

May 18, 2026
First day of classes and deadline to check in with the International Students and Scholars Center.

May 22, 2026
Graduate students' last day to request an academic deferral and deferral of the I-20.

The student visa application process

Step 01: Apply for nonimmigrant visa, DS-160
As a visa applicant, you must submit a completed DS-160: Online Nonimmigrant Visa Application [10] for all nonimmigrant visa categories. Read complete details about student visas [11].

Note: After you have completed the DS-160, you will need to print and keep the DS-160 barcode page.

Step 02: Schedule visa interview
To schedule your interview, locate your local U.S. Embassy or Consulate [12]. Each consulate sets its own timeline for accepting and processing [4] student visa applications. If the consulate says apply “at least” 60 days before your program departure, this means no fewer than 60 days. To avoid problems, submit your visa application at the earliest date the consulate will accept it.

Step 03: Pay visa application fee
Please read information about nonimmigrant visa application fees [13]. Applicants must pay these fees as directed prior to their visa interview, and they must bring the receipt to their interview.

If the visa is issued, please note that a Visa Issuance Reciprocity Fee may be applicable based on your country of citizenship. Please refer to the Visa Reciprocity Table [14] to see if this fee applies to you.

Step 04: Prepare for visa interview
Start gathering the required documents for your student visa application the moment you apply to your program. Read through all information provided online by the U.S. Embassy or Consulate [12] that you will be visiting.

Gather and prepare the following required documents before your visa interview:

- Passport valid for at least six months after your proposed date of entry into the U.S.
- Nonimmigrant Visa Application, Form DS-160 confirmation page.
- Application fee payment receipt, if you are required to pay before your interview.
- Photo. You will upload while completing the online form DS-160. If the photo upload fails, you must bring a 2x2 inch photograph of yourself.
- SEVIS Form I-20 or Form DS-2019 with your SEVIS record number issued by ASU. You must sign Form I-20.

Additional documentation may be required
A consular officer will interview you to determine your qualifications for a student visa, and may request additional documents. You should be prepared to provide evidence such as:

- A receipt of your SEVIS Form I-901 fee.
- Transcripts, diplomas, degrees or certificates from schools you attended.
- Standardized test scores required by your U.S. school.
- Your intent to depart the U.S. upon completion of the course of study.
- How you will pay all educational, living and travel costs, including financial evidence showing you, your parents or sponsor have sufficient funds to cover your tuition and living expenses during your study.

Tips on preparing for your interview [15]

In addition to visiting the U.S. State Department link above, here are some **additional tips** on preparing for your interview.

- A consular officer will interview you in English to determine whether you qualify for a student visa. Do not ask them to conduct the interview in another language.
- On average, visa interviews are about three minutes long. Students must be proactive at their visa interview to succeed. Be prepared if they ask you (1) why you want to study in the U.S., (2) why you chose your major and why you chose to study at ASU, (3) what you are excited about, and (4) what you plan to do in the future and/or what ties you have to your home country.
- If asked for proof of funding, some officers look favorable upon students who can show more than the required amount on their I-20 as a way to show they can afford their education and time in the U.S. If funds from extended family members are submitted, be prepared to answer questions about how close you are to your relatives, if you are planning to pay them back, if they are funding your entire education, how much that person is providing you, etc.

For more information, please visit the U.S. Department of State [15] website.

Step 05: Prepare documents for travel
As you get ready to arrive in Arizona, be sure to prepare your documents for travel. Here are some items you should carry with you. It is advisable to keep a copy in your checked luggage and one with your family at home. Make sure you have these original documents available at all times while traveling to and within the U.S.:

- SEVIS Form I-20 or Form DS-2019.
- Valid passport.
- Current visa.
- Copy of immunization records.
- Original supporting financial documents.
- Dependents' I-20 or DS-2019 and passports if your spouse and children will be traveling with you.
- International travel coverage documents, if you purchased this coverage.

Frequently asked questions about student visas

How do I get a student visa?
To get a student visa, you must first apply and be admitted to ASU. Once admitted, you must apply for an I-20 through ASU by uploading the required documentation. Once you receive your SEVIS number from the I-20 created by ASU, you'll apply for your student visa through your country's embassy. The visa process includes some paperwork and an in-person interview with an immigration officer at your local embassy. The embassy then creates the student visa with your passport and will indicate the dates you can arrive in the U.S. for your studies.

What is SEVIS?
SEVIS stands for Student and Exchange Visitor Information System. You must complete a SEVIS form I-20 to get an F-1 student visa or a SEVIS form DS-2019 to get a J-1 student visa.

Can I get a job while in the U.S. as a student?
Yes, you may work as a student, though ASU recommends you work no more than 20 hours per week. Many international students work for ASU, as the university employs more than 10,000 students. You may also work off campus, but if you do, it's important that your employer understands that you are an ASU student and that your education is one of your top priorities.

View 1-20 FAQs [16]
View general FAQs [17]

Source URL: https://admission.asu.edu/apply/international/student-visa

Links:
[1] https://my.asu.edu
[2] https://www.fmjfee.com/i901fee/index.html#
[3] https://admission.asu.edu/i-20-faqs
[4] https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/wait-times.html
[5] https://admission.asu.edu/sites/default/files/33056_f-2dependentsintous_handout_v8.pdf
[6] https://students.asu.edu/forms/FinancialGuarantee
[7] https://students.asu.edu/sites/default/files/2024-09/9-25-24Financial-Guarantee-Form-Spring25-FINAL.pdf
[8] https://www.fmjfee.com/
[9] https://www.fmjfee.com/index.html
[10] https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/forms/ds-160-online-nonimmigrant-visa-application.html
[11] https://travel.state.gov/content/travel/en/us-visas/study/student-visa.html
[12] https://www.usembassy.gov/
[13] https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/fees/fees-visa-services.html
[14] http://travel.state.gov/content/visas/en/fees/reciprocity-by-country.html
[15] http://travel.state.gov/content/visas/en/immigrate/immigrant-process/interview/prepare.html
[16] https://admission.asu.edu/i-20-faqs
[17] https://admission.asu.edu/contact/faqs#international

International first-year student next steps

Congratulations on your admission to ASU

It is our pleasure to welcome you.

We are excited that you have chosen to pursue your degree at Arizona State University.

This is your guide through the important steps you need to take to enroll in classes and prepare for the beginning of your academic year. Here you will find information about the visa application process, preparing for travel, arriving at ASU, registering for classes and much more.

Be sure to check My ASU [1] regularly and complete any pending items under your Priority Tasks. We look forward to seeing you in Arizona soon.

International student tips

Important deadlines

To help you stay on track with the fall 2024 admission and financial aid processes, check out our important deadlines page.

View dates [2]

Need help?

ASU admission team members can answer your questions and guide you through each step of the enrollment process between now and the time you get started.

Schedule an appointment [3]

Travel and arrival

ASU is committed to the safe and seamless transition from your home country to the U.S.

Travel info [4]

International first-year student next steps

Activate your ASU ID to check My ASU

After you applied to ASU, you were issued an ASURITE User ID in an email with the subject line “ASU Account Activation.” This ID gives you access to ASU’s online student services in My ASU [1], where you’ll see next steps and to-do items for enrollment. You must activate your ASURITE User ID online [5].

When you activate your ASURITE User ID, you will select to have your ASU email forwarded to a personal account. It's important to check your email often for time-sensitive notifications and next steps about enrollment. You'll have access to your official ASU email when classes begin. You can check which email your ASU email is forwarding to by looking in the profile tab in My ASU.

Remember to save your admit letter, which is posted to My ASU, so you have it for travel.

Request your I-20 and apply for your visa

International students who wish to pursue their studies at ASU must obtain an F-1 or J-1 visa. To obtain a visa, students must first receive a SEVIS number and I-20 document from ASU.

ASU guides each student through the process of obtaining their I-20 using the I-20 Tracker in My ASU.

More about I-20 [6]

Give your parents or family access to your records and account

Through My ASU Parent Guest Access, you can share your academic records with your parent or guardian and give them access to pay your tuition and bills. Go to My ASU, select the Profile tab at the top and find “Add a Guest” under My ASU Guest Access Permissions.

Visit My ASU [1]

Pay your enrollment deposit

Pay your enrollment deposit [7] through My ASU [1] to confirm you will attend. For fall 2025 admits, the enrollment deposit will be available beginning Oct. 1, 2024.

Complete the math placement test

All first-year students are required to take the math placement test at least seven calendar days before their Academic Orientation Session. You will see the item “Take Math Placement Test” under **Priority Tasks** in My ASU [1], and you will also see this task in ASU’s New Student Orientation Experience step 2, Academic Orientation.

Submit your measles, mumps and rubella immunization record

All students born after Jan. 1, 1957, are required to meet the following MMR immunization requirement [8] before classes begin. You can upload required documentation in your ASU My Health Portal [9].

The MMR vaccine is available for a fee at any of ASU's Health Services [10] locations.

ASU’s New Student Orientation Experience

Through ASU’s New Student Experience, accessed online in My ASU, you will prepare to take classes in the fall by completing essential next steps for enrollment. There are three steps — log in to My ASU [1] to view details. Step 2 is the Academic Orientation Session, where you’ll meet with your academic college and finalize your class schedule. All students must complete the New Student Orientation Experience in order to enroll in classes.

New Student Experience [11]

Confirm housing and dining options

All ASU first-year students live in the residential college of their academic major. Barrett students live in the Barrett residential community for their first two years. **ASU's housing portal for fall 2024 is now open.** The housing portal for fall 2025 admits will open in early January 2025.

Once the housing portal opens and you've paid your enrollment deposit, you can select your housing and dining preferences. **The priority housing deadline is May 15.** We cannot guarantee your housing preference if you apply after the priority deadline. Visit ASU’s housing portal [12].

Select housing [13]

Learn about housing options [14].

Health insurance

Health insurance is mandatory for all registered international students and a condition of enrollment, and requires that international students have adequate medical and accident insurance coverage. Mandatory student health insurance is automatically charged for all international students.

Insurance info

Learn about tuition and fees

Tuition charges will be billed to your student account and may be viewed online through My ASU. By registering for classes, you agree to pay all applicable tuition and registration fees. If you decide not to attend, you must completely withdraw from all classes before the semester begins.

If tuition is not paid by the applicable due date, you will automatically be enrolled in the tuition installment plan and charged a nonrefundable enrollment fee.

ASU has partnered with Flywire [16] to offer a streamlined and cost-effective payment method for you to send international payments. Flywire offers favorable exchange rates and a secure portal for processing your payment to ASU. Create a Flywire login to make payments and review your payment activity and history.

Visit the Tuition and Billing [17] website for more information.

Useful resources for international students

International Students and Scholars Center [18]

Find my admission team member [19]

ASU Prep Digital [20]

ASU Student Success Center [21]

Athletics [22]

Degrees [23]

Financial Aid and Scholarship Services [24]

Fraternity and Sorority Life [25]

Global Education Office [26]

Housing [27]

Pre-health [28]

Pre-law [29]

Scholarship estimator [30]

Student Accessibility and Inclusive Learning Services [31]

Student and Cultural Engagement [32]

Universal Learner Courses [33]

Source URL: https://admission.asu.edu/apply/international/admitted/first-year

Links:
[1] https://my.asu.edu/
[2] https://yourfuture.asu.edu/importantdeadlines
[3] https://admission.asu.edu/contact
[4] https://admission.asu.edu/international/travel
[5] https://weblogin.asu.edu/password/activation
[6] https://admission.asu.edu/international/student-visa
[7] https://admission.asu.edu/deposit
[8] https://eoss.asu.edu/health/parents/immunization
[9] https://asuportal.pointnclick.com/login_dualauthentication.aspx
[10] https://eoss.asu.edu/health/contact
[11] https://eoss.asu.edu/orientation/new-student
[12] https://asu.starrezhousing.com/StarRezPortalX/EF39AF6A/14/25/Home-Home?UrlToken=0888FD2E
[13] https://housing.asu.edu
[14] https://admission.asu.edu/campus-life/housing-dining
[15] https://eoss.asu.edu/health/billing-insurance/international-students
[16] https://tuition.asu.edu/billing-finances/flywire-international-payments
[17] https://tuition.asu.edu/
[18] https://issc.asu.edu/
[19] https://admission.asu.edu/contact/undergraduate
[20] https://asuprep.asu.edu/
[21] https://success.asu.edu/
[22] https://www.asu.edu/athletics
[23] https://degrees.asu.edu/
[24] https://tuition.asu.edu/financial-aid
[25] https://eoss.asu.edu/fsl
[26] https://goglobal.asu.edu/
[27] https://housing.asu.edu/
[28] https://prehealth.asu.edu/
[29] https://prelaw.asu.edu/
[30] https://financialaid.asu.edu/estimator
[31] https://eoss.asu.edu/accessibility

[32] https://eoss.asu.edu/student-and-cultural-engagement
[33] https://ea.asu.edu/

Transcripts

Request transcripts from ASU

If you're an ASU student or graduate requesting your transcripts so you can send them to another institution, please see registrar.asu.edu/transcripts [1].

Sending transcripts to ASU

Request that your official transcript(s) be sent to Admission Services.

Your official transcripts are certified copies from each high school, college, university or technical school you attended that show the courses you took, grades you earned, and certificates or degrees you were awarded. Arizona State University requires you to send transcripts from every institution you attended.

Upon graduation or the completion of the semester, request that your school or schools send a final transcript directly to ASU to determine final university admission status. Official transcripts must be sent directly to Admission Services at ASU from the issuing institution's records office either by mail or electronically through a secured transcript service approved by ASU.

1. Transcripts may not be faxed.
2. Transcripts sent via email may be accepted if sent directly from an authorized school official at the issuing institution to ASU at transcripts@asu.edu. If ASU is unable to verify the sender is from the issuing institution, the emailed transcript will not be accepted as official.
3. Official transcripts delivered by hand will be accepted only if they are sealed in the original envelope provided by the community college or university and bear the university seal and the signature of the registrar of the issuing institution.
4. When possible, please include the student's full name and student number or application number in transcript submissions.
5. Any transcripts submitted by students directly via email are considered unofficial and will not satisfy our official transcript priority task requirement.

Emails sent to transcripts@asu.edu or gradtranscripts@asu.edu must not exceed 25MB total and individual attachments must not exceed 5 MB. Any attachments must be in one of these approved file types.

Microsoft Word (.doc or .docx)
Microsoft Excel (.xls or .xlsx)
Image (.jpg .jpeg .gif .png
Adobe PDF (.pdf)
Text (.txt)

If the file size is exceeded and/or the document type is not supported, the email will be rejected.

Documents not accepted through the transcripts inboxes

NOTE: The transcript inboxes are only for transcripts/mark sheets sent to ASU directly from the sending institution or transcript vendor, English translations of transcripts, degree/graduation certificates, and transcript supporting documentation such as school profiles and degree program curriculum sheets. Please do NOT send the following documents to our transcript email addresses (transcripts@asu.edu or gradtranscripts@asu.edu) as they will not be added to the student record.

- I-20 documents such as bank statements, financial guarantees or passports.
- English proficiency scores not sent by the testing service itself.
- Letters of recommendation.

- Resumes.

For more information on submitting English proficiency test scores, I-20 or Letters of Recommendation documents, please see the following webpages:

I-20 information:

Student visa information [2]

English proficiency information:

Undergraduate admission:
English proficiency [3]

Graduate admission:
English proficiency [4]

Letters of recommendation information:

Graduate admission:
Graduate Letters of recommendation [5]

Undergraduate admission:
Not needed unless we specifically ask you for this information.

Resume information:

Graduate admission:
Should be uploaded at the time of application, if required for the program of application. More information [6]

Undergraduate admission:
Not needed as part of the application process.

We will accept transcripts received from the following secured transcript services*:

- Accellion
- Acclaim / Credly
- Advanced Secure Technologies
- Arizona HSE State Tracking and Report System
- Barracuda
- Bluewhale
- Box
- BridgeU
- Cambridge International
- CDGDC
- Certpia
- Certree
- CHESSIC
- Cialfo
- CISCO
- Concourse Global
- Credential Solutions
- Data Motion
- Diploma Sender
- Docswallet
- DocXpress
- Elmira College
- EPIC (Educational Commission for Foreign Medical Graduates)
- Escript
- eTranscript California
- George Brown College
- Gradintelligence
- Greenlight
- Kiteworks
- LinShare
- LiquidFiles
- MaiaLearning
- Mimecast Services
- MyeQuals
- myPass
- Nanyang Technological University Singapore
- National Archives at Riverside
- National Student Clearinghouse
- Naviance
- NeoCertified
- Overgrad
- Parchment
- Parchment Digitary Services
- Pistis
- Progress
- ProSelf
- Proofpoint
- Scoir
- Scribbles Software
- SendSafely
- SendThisFile
- Serv-U
- SPEEDE
- Transcripts Plus
- Truecopy
- Unifrog
- Univariety

- University of Edinburgh
- Virtru
- Vitnemalsportalen
- WAEC
- WeTransfer
- XAP
- ZIX

* Note: List is subject to change.

For transcripts sent through a secured transcript service, please select Arizona State University from the vendor's dropdown list to ensure the transcript is routed to the correct place. If an email address is requested you can route to transcripts@asu.edu, or for graduate applicants to gradtranscripts@asu.edu. Please note that transcripts sent by students to transcripts@asu.edu or gradtranscripts@asu.edu will not be accepted as official. These addresses are only for transcripts received from secured and approved transcript services.

International transcript/degree certificate

NOTE: The transcript inboxes are only for transcripts/mark sheets sent to ASU directly from the sending institution or transcript vendor, English translations of transcripts, degree/graduation certificates, and transcript supporting documentation such as school profiles and degree program curriculum sheets. Please do **NOT** send the following documents to our transcript email addresses (transcripts@asu.edu or gradtranscripts@asu.edu) as they will not be added to the student record.

If you are required to submit a degree certificate along with your transcripts, a scan may be made of the front and back of your certificate and emailed to transcripts@asu.edu for undergraduate applicants or gradtranscripts@asu.edu for graduate applicants. Please make sure that ASU is in possession of your official, final degree posted transcript prior to submission of your degree certificate. The original certificate does not need to be mailed.

For more information on country specific comparable degree requirements and transcript/degree certificate information per country, please refer to comparable requirements section on:

- International First-Year Apply webpage [7]
- International Transfer Apply webpage [8]
- International Graduate Apply webpage [9]

Important: If you email a copy of your degree certificate, please email only the degree certificate. Do not include copies of transcripts. Transcripts will not be accepted as official if sent by you and will delay processing of your degree certificate.

The mailto:transcripts@asu.edu and gradtranscripts@asu.edu email addresses are for receipt of transcripts from vendors and institutions and copies of degree certificates from students. This inbox does not respond to general questions. Questions should be routed to your admission representative [10].

High school transcripts from the United States

Official transcripts must be sent directly to Admission Services at ASU from the issuing institution's records office either by mail or electronically. Domestic high school transcripts delivered by hand will be accepted only if they are sealed in the original envelope provided by the high school. High school transcripts must show courses, grades, GPA and date of graduation. Sealed official high school transcripts can be sent in the mail or dropped off at the Admission Services customer service counter on the first floor in the Student Services Building [11], Suite 150, Window #5, on the Tempe campus.

Community college or university transcripts from the United States

An official college transcript must be in a sealed envelope sent directly from the issuing institution's records office either by mail or electronically. Transcripts delivered by hand will be accepted only if they are sealed in the original envelope provided by the community college or university.

International transcripts and exam results

Graduate applicants: Official, original or authenticated transcripts from every college or university from which you earned a comparable credential to a U.S. bachelor's degree or higher must be sent to ASU in the original language and accompanied by an English translation (if the original document was not issued in English).

Undergraduate applicants: Official, original or authenticated transcripts and exam results from every secondary or higher-secondary school (grades 9-12) and transcripts from any college or university attended must be sent to ASU in the original language and accompanied by an English translation (if the original document was not issued in English).

Request transcripts from each international educational institution you attended and exam boards from which you have official results. Official transcripts must be mailed or sent directly from the issuing institution's records office electronically, and must include a certified English translation of all documents not issued in English. ASU will accept transcripts sent as email attachments if the email can be verified as coming from an authorized school official at the sending institution.

If your school(s) cannot send them directly to ASU, you may send them yourself, making sure they meet one of the following requirements:

- Original academic credentials issued by the registrar of the institution attended, bearing the original raised or colored seal of the institution and the signature of the institution's registrar, academic official or recognized international organization.
- Photocopies of academic credentials that have been verified as true copies of the original by a responsible official of the institution attended or by an education representative of the country's government or embassy. Each page must bear the verifying official's signature and stamp.
- Photocopies of academic credentials that have been certified by a recognized international educational organization, such as EducationUSA, the U.S. Educational Foundation, AMIDEAST or the Institute for International Education.
- Photocopies of an international high school academic credential that has been verified as official by a recognized U.S. high school.

ASU recommends that you have your international transcripts sent to ASU directly from the issuing institution, utilize a secured transcript service (where available) or obtain an attested copy of the transcript (where possible). Sending your only original copy to ASU should be the last option.

- We recommend students sending documents from abroad use FedEx or DHL in order to obtain a tracking number. If possible, include your ASU student ID number and name written on each page of the transcript(s) you send.
- Any document ASU receives becomes property of ASU and will not be returned to you, unless it is a situation where another copy cannot be obtained.
- Photocopies certified by a notary public are not official and will not be accepted. Scanned copies are also not accepted in lieu of original official academic documents.

Where to send transcripts

Regular mail
Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

FedEx, DHL (any sender who will not send to a P.O. Box)
Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

International documentation and translation

Transcripts and degree certificates not issued in English require submission of an English translation in addition to the original language documents.

Translations must be literal, complete versions of the originals and must be translated by one of the following:

- Issuing university or college.
- Official translation services. Need assistance locating a translation service? Visit American Translators Association [12] to search for a translator for your target language.
- Ministry of Education, consulate or embassy.
- Education USA (EdUSA) [13], AMIDEAST [14], or U.S. Indian Education Foundation (USIEF) [15].

The translation does not take the place of submitting official academic records in the original language. The translation is in addition to the official academic record. Translations may not be completed by the student. Translations certified by a notary public are not acceptable.

You may not complete your own translation. Please have the translation service mail the official translation to ASU. Translations may also be emailed to transcripts@asu.edu by the translation service.

Note: Some third-party evaluation agencies are also members of American Translators Association and provide both translation and credential evaluation services. If using a third-party evaluation agency for translation services, be sure you are requesting a literal translation. A literal translation is an exact translation of the document (including notation of seals, signatures, etc.). Credential Evaluation reports will have grade and credit conversions and interpretation of the document and are not literal translations.
not literal translations.

Instructions for requesting original international transcript return (only in cases where another copy is unobtainable)

To request a return of your original documents (only in cases where another copy is unobtainable) use the eShipGlobal service to have your document(s) express mailed to you through FedEx, DHL or UPS at your own expense. To do so, visit https://study.eshipglobal.com [16] (do not visit FedEx, DHL or UPS websites directly). You will be required to create a user name and password to set up an eShipGlobal account. To request shipment, you will need your ASU ID number, mailing address, email address, phone number and payment information.

After creating your eShipGlobal account, follow the steps below to create your shipping label.

1. Get started: Click on the “Get started” link on the homepage and select “Receive documents from university.”
2. Choose university: Proceed to the university selection and choose Arizona State University-All Locations. You will see two options. One for International Students and Scholars Center and one for Admission Services. Be sure to select Admission Services or your request will not be fulfilled.
3. Confirm address: The next page asks you to enter your shipping details. There will be a drop down on this page for type of document. Select “Documents/transcripts.”
4. Select carrier: You will see a list of carriers that deliver to your area and the cost for delivery. Select the carrier and option you prefer.
5. Confirm payment: You will see a page requesting your payment information. The payment options for your country will be listed. Options may include one or more of the following: credit/debit, wire transfer or PayPal.

If you have questions about how to use this service, review the Help section of the eShipGlobal website or email support@eshipglobal.com.

Once you have requested the shipment, please allow up to one month for return of your documents. Admission Services will review your request and if the request can be fulfilled you will receive an email from eShipGlobal to track your return.

If a request for return is not made within 60 days of receipt of your documents, we cannot guarantee that we will still have the documents to return. We regularly purge all physical documents after scanning. Email transcriptreturn@asu.edu with questions.

Applicants with credentials from India

If you have secondary or postsecondary study from India, you should have your credentials verified through Truecopy and Truecopy will send to ASU electronically through Parchment.

You can begin your order at https://www.electronictranscripts.com/about-us.php#etquery [17]

Applicants with credentials from China — required documents

Secondary education (中学在校生或毕业生)

Junior secondary (初中生)

1. Official transcript for grade 9 (初三成绩单) sent directly to ASU from issuing institution.

General senior secondary (普通高中生)

1. Official transcript (高中成绩单) sent directly to ASU from issuing institution.
2. Official verification report (认证报告) from CHSI* (学信网) for:
    1. Secondary school graduation certificate (高中毕业证书)
        - You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [18]. Your order will be sent electronically to ASU through Parchment.
3. Graduation certificate (高中毕业证书) (photocopy or scan sent to transcripts@asu.edu).

Vocational secondary (中职/中专生)

1. Official transcript (高中成绩单) sent directly to ASU from issuing institution.
2. Graduation certificate (毕业证书) (photocopy or scan sent to transcripts@asu.edu).

*CHSI: China Higher Education Student Information website is maintained by the Center for Student Services and Development (CSSD), Ministry of Education, P.R. China, CHSI is the only MOE-designed website for qualification verifications.

Post-secondary (university) programs (大学生或研究生) — complete and incomplete

Zhuanke (专科) required document

1. Official verification report
2. CHSI* verification for zhuanke graduation certificate (学信网：学历在线验证报告或学历认证报告)
3. CHSI* verification for zhuanke official transcript (学信网：成绩验证报告)
    - Your fulfilled order will be sent to ASU electronically through Parchment. Please request the English language version. You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [18].
4. Graduation certificate (毕业证书) (photocopy or scan sent to transcripts@asu.edu).
5. Official transcript (成绩单) (photocopy or scan sent to transcripts@asu.edu if you have CHSI* send reports, otherwise official transcript should be sent directly to ASU by issuing institution).

Benke or higher (本科及以上学历) required documents

1. Official verification report (认证报告)

1. CHSI* verification report for each degree certificate earned (学信网：学位在线验证报告或学位认证报告).
2. CHSI* verification for each official transcript (学信网：成绩验证报告).
    - Your fulfilled order will be sent to ASU electronically through Parchment. Please request the English language version. You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [18]
3. Graduation certificate (毕业证书) (photocopy or scan sent to gradtranscripts@asu.edu).
4. Degree certificate (学位证书) (photocopy or scan sent to gradtranscripts@asu.edu).
5. Official transcript (成绩单) (photocopy or scan sent to gradtranscripts@asu.edu if you have CHSI* verification reports sent, otherwise official transcripts should be sent directly to ASU by issuing institution).
6. *CHSI: China Higher Education Student Information website is maintained by the Center for Student Services and Development (CSSD), Ministry of Education, P.R. China, CHSI is the only MOE-designed website for qualification verifications.

China Higher Education Student Information (CHSI: 学信网)

Center for Student Services and Development, Ministry of Education, P.R. China (CSSD: 学生发展中心)

1. Email: info@chsi.com.cn or kefu@chsi.com.cn
2. Website: https://www.chsi.com.cn/en/help/howtoapply_c_en.jsp [19]
3. English website: http://www.chsi.com.cn/en/ [20]

Frequently asked questions

How do I submit my transcripts to ASU?
You must request official transcripts from each educational institution attended. Official transcripts must be mailed or sent electronically directly to Online Applications by the records office of the issuing institution(s). ASU does not accept transcripts transmitted by fax.

Please have your transcripts sent to:

Regular mail (USPS)
Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

FedEx, DHL, etc.
Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

Why do I need to turn in my high school transcript?
We need your high school transcript in order to verify your credits fulfill ASU's competency requirements for admission.

Will my transfer credits be accepted?
In general, transfer credit is awarded for courses meeting all of the following requirements: Grade earned is a “C” or better (on a scale of 4.00). Completed at a regionally accredited postsecondary institution in the United States. Course is considered to be college-level (not remedial) and is not highly technical/vocational. A maximum of 64 community college credits may be transferred to ASU.

Do you have international credits? https://students.asu.edu/international/future/undergrad [21]

There isn’t an expiration date for transfer credits that meet the eligibility requirements, although some courses (e.g., Computers and Economics) may need to be retaken depending on their relevancy to today’s courses.

Certain types of credit cannot be transferred to ASU, including credit awarded by postsecondary institutions for life experience, workshops and seminars. Also, military SMART transcripts and experiences are not transferable.

Your enrollment counselor will tell you exactly how your transfer credits fit into your degree program.

When will I receive an admissions decision?
Once your application file is complete, we will process it with the highest priority, and you should expect an admission decision within a few weeks. To see if you have any missing items and to view your admission status, sign in to My ASU using your ASURITE UserID, which is sent to you after you apply for admission.

How do I complete my application?
An admission application file is complete once ASU receives all of your required transcripts. If you haven’t completed an Associate of Arts degree, have your official high school transcript sent as well. Please have your transcripts sent to:

Regular mail (USPS)
Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

FedEx, DHL, etc.
Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

Source URL: https://admission.asu.edu/apply/transcripts

Links:
[1] https://registrar.asu.edu/transcripts
[2] https://admission.asu.edu/international/student-visa
[3] https://admission.asu.edu/international/undergrad/english-proficiency
[4] https://admission.asu.edu/international/graduate/english-proficiency
[5] https://admission.asu.edu/graduate/letter-of-recommendation
[6] https://admission.asu.edu/graduate/apply
[7] https://admission.asu.edu/international/first-year-apply
[8] https://admission.asu.edu/international/transfer-apply
[9] https://admission.asu.edu/international/graduate-apply
[10] https://admission.asu.edu/contact
[11] https://www.asu.edu/map/interactive/?id=120&mrkId=63156&
[12] https://www.atanet.org/
[13] https://educationusa.state.gov/
[14] https://www.amideast.org/
[15] https://www.usief.org.in/
[16] https://study.eshipglobal.com/
[17] https://www.electronictranscripts.com/about-us.php#etquery
[18] https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp
[19] https://www.chsi.com.cn/en/help/howtoapply_c_en.jsp
[20] http://www.chsi.com.cn/en/
[21] https://admission.asu.edu/international/undergrad-student

Military and veterans at ASU

Why so many veteran and military students choose ASU

ASU and the Pat Tillman Veterans Center [1] welcome you to your next adventure — accomplishing your education and career goals. Student veterans and active-duty service members are a valuable part of the ASU community and our academic environment. Whether you're planning to earn your degree online or on campus, you can:

- Continue serving as a leader by getting involved.
- Take advantage of job and career opportunities.
- Attend virtual or in-person career fairs.
- Earn your service honor stole to wear at graduation.

You've already proven you can succeed in one world-class organization. We believe in you and know you can succeed here as well. ASU's Pat Tillman Veterans Center team is here to help you every step of the way. It's why ASU is consistently included among the best schools for veterans and military students.

Benefits

You've earned your military benefits, but navigating the paperwork can be tricky. We're here to help.

Check out these steps [2] for getting your benefits started.

For additional assistance, contact ASU's veteran and military admission specialist.

Contact us [3]

Pat Tillman Veterans Center

ASU's Pat Tillman Veterans Center is one of the reasons ASU is a top university for veteran, military and dependent students. The center's mission is to empower and engage our ASU military and veteran community with their academic and personal success at ASU and beyond.

Pat Tillman Veterans Center [1]

Campuses and ASU Online

ASU lets you choose the best learning environment for you. We offer four metro Phoenix area campuses as well as a location in Lake Havasu City, known for its outdoor adventures and one-on-one attention. You can also study remotely with ASU Online, which offers the same degrees and professors as our on-campus programs.

Find your fit [4]

Not sure if you're ready for higher education?

Take our "Is College Right For Me?" survey. The veterans center has partnered with PreVeteran to create a survey our community can use to navigate common thoughts experienced when considering higher education after the military.

Start survey [5]

Are you looking for a veteran application to ASU?

We make it easy — there's no separate application for veteran and military applicants. Just submit the application for your student level.

First-year [6]
Transfer [7]
Graduate [8]

Connect with a veteran and military admission specialist [9] in the Pat Tillman Veterans Center if you have any questions about applying to ASU.

LIA 294: Student Success for Veterans

Have you registered for ASU's veteran-specific introductory course? Designed for the student veteran, LIA 294: Student Success for Veterans provides you with support systems, academic resources and transitional aid. Meet other student veterans and learn about how ASU, the state of Arizona and the VA can assist you throughout your college experience. There are only 19 seats per class on each campus, so secure your spot today.

> If you are a veteran in need of an orientation class, then you have no business taking the regular ASU orientation course. Do yourself a favor and take LIA 294; it will put you at a running start for successful and expedient graduation.
>
> Kenny Chiaghana, Marine Corps, philosophy major

At ASU, you'll join

20,016
ASU military and veteran students (enrolled in person and online)

16,880
in bachelor's degree programs

3,136
in graduate degree programs

7,243
military spouses and dependents enrolled

(Source: ASU enrollment report, April 2024)

Transcripts

Undergraduate applicants:
Admission Services
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

Graduate applicants:
Graduate Admission Services
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

ASU accepts the following military transcripts for transfer credit:

Air Force and Space Force members

Enlisted members
The Community College of the Air Force is a regionally accredited community college. If you received credit for courses taken through the CCAF while in active service, submit this transcript as part of your application. You can request to have your official CCAF transcript sent to ASU from the Community College of the Air Force transcripts [10] page. CCAF now offers electronic transcript delivery through Parchment, a digital credentialing service. Students can create an account on Parchment [11] to send transcripts.

Officers
Officer transcripts are maintained by Air University. First-time users must create an account by accessing the AU Service Desk [12]. This works better on non-NIPR and Google Chrome. On the homepage under the Quick Links tab, select Official Transcript Request. Complete the required components of the form, add the attachments and submit. The Service Desk can be accessed by any device that has internet access; it is Common Access Card (CAC) enabled, but this is not required. The AU Service Desk is a secure application and certified for submission of Privacy Act information.

Army, Marine Corps, Navy and Coast Guard members

- The Joint Services Transcript has replaced the Coast Guard Institute Transcript, the Army/American Council on Education Registry Transcript System, and the Sailor/Marine American Council on Education Registry Transcript.
- All enlisted members, officers and warrant officers, both active and veterans from all Army components, Coast Guard, Marine Corps and Navy, are eligible for a JST. You do not have to be on active duty to access the JST website and your transcript. Active duty, reserve, veterans or National Guard personnel can use JSTs.
- Some students may have concerns about a security warning when accessing the website. This happens when a user logs in to a Department of Defense network from a non-networked computer without a CAC. You can confirm the security exception to proceed to the JST request site. If you do not confirm this exception, you will be unable to place your order.
- Register [13] for a JST account, and direct the DoD to send your transcript to ASU.

ASU is measured not by whom it excludes, but by whom it includes and how they succeed.
- Excerpt from ASU's Charter

Honoring our veteran community

Arizona State University is proud of our veteran and active-duty student population, and thankful for all they have done for our country.

Celebrating military veterans and their service to our country: Arizona State University (ASU) [14] on Youtube

Pat Tillman's life and legacy live on at ASU

Pat Tillman was an ASU student scholar and star football player who graduated in 3½ years and went on to play professionally with the Arizona Cardinals. In 2002, Pat walked away from a $3.6 million contract with the Cardinals to enlist in the U.S. Army. He died while serving in Afghanistan in 2004.

As a scholar, athlete and soldier, Pat Tillman performed at his best. ASU continues to honor Pat with the annual Pat's Run, the Pat Tillman Veterans Center, Tillman Tunnel and in countless other ways. His passion for life and expectations of excellence reverberate through everything we do.

Watch the video [15]

Frequently asked questions about being a veteran at ASU

What's it like to be a veteran or military student at ASU?
There are more than 20,000 veterans and military students on campus and online. You'll receive support from the Pat Tillman Veterans Center, the VA VetSuccess on Campus counselor, and ASU's faculty and staff to succeed in your goals — from applying to ASU, getting your benefits set up, making sure you are using your benefits to your best advantage, and getting connected to events and opportunities for veterans and military students.

Is ASU a military friendly school?
ASU is consistently recognized as one of the best schools in the country, both on campus and online, for veterans and the military community. We want veteran and military students and their families to succeed, achieve their goals and move on to the next chapter in their lives, and we're here to help you get there.

What are the steps to getting admitted as a student veteran?
We understand the admission process can be complicated, so we've created a checklist to help guide you through it. Start your application [16] and refer to this checklist [17] throughout the admission process for helpful tips about applying and succeeding as an active duty, veteran or military-affiliated student at ASU.

Are there any degree programs just for veterans or military students?
ASU does not offer exclusive degree programs for veteran or military students. However, we encourage you to take advantage of two courses specifically designed to connect you with other veteran and military students on campus and

online, and introduce you to various resources available through the university, the state of Arizona and the Department of Veteran Affairs.

View more FAQs [18]

Source URL: https://admission.asu.edu/apply/veterans

Links:
[1] https://veterans.asu.edu/
[2] https://veterans.asu.edu/benefits/start
[3] https://admission.asu.edu/contact/veterans
[4] https://yourfuture.asu.edu/content/find-asu-fits-you
[5] https://veterans.asu.edu/preveteran-college-survey
[6] https://admission.asu.edu/apply/first-year
[7] https://admission.asu.edu/apply/transfer
[8] https://webapp4.asu.edu/dgsadmissions
[9] https://veterans.asu.edu/about-staff
[10] https://www.airuniversity.af.edu/Registrar/Transcript-Requests/
[11] https://www.parchment.com/u/registration/32882/institution
[12] https://auservicedesk.af.edu/education
[13] https://jst.doded.mil/jst/registration
[14] https://youtu.be/jWk5kVjYvNE
[15] https://youtu.be/jWk5kVjYvNE
[16] https://admission.asu.edu/apply
[17] https://veterans.asu.edu/veteran-checklist
[18] https://admission.asu.edu/contact/faqs#veterans

Veteran and military dependent new student checklist

A veteran representative is here to help
Connect with a PTVC team member to receive additional assistance.

Connect with PTVC [1]

Admission and enrollment guidance for benefit users

The Pat Tillman Veterans Center is here to assist you in checking off your to-do list prior to attending Arizona State University. Your next steps are provided below to help you prepare for your enrollment, but we acknowledge that each students' experience and requirements differ. If you have any questions as you review these tasks, PTVC is here to help.

Steps to ASU enrollment

Prior to admission

Step 01: Apply or update my VA benefits
It takes approximately one to two months for benefits to be approved. Start the process early to ensure a smooth transition to the university.

Start VA benefit forms [2]

If you need to update the location of your VA benefits [3]

Step 02: Check to make sure your program is VA approved at ASU
On the webpage, go to Arizona, then Arizona State University, and select the "Programs" tab. Undergraduate and graduate degree programs, as well as graduate certificates, will be listed under IHL. Undergraduate certificates can be found under NCD.

Check VA approved programs [4]

Step 03: Apply to ASU
Learn how and when to apply to ASU.

Apply to ASU [5]

After admission to ASU

Step 04: Receive academic advising and register for classes
Incoming students are required to meet with an academic advisor to enroll in classes [6].

Classes to consider
ASU offers a veteran-specific introductory course to support veterans' transition to academic life. Both first-year and transfer student veterans from any major are welcome to register.

Learn more [7]
What is full-time status? [8]

Step 05: Complete ASU's documents for VA benefits processing
Processing times vary. See PTVC/VA Benefits Flowchart [9].

PTVC documents

VA Benefits Responsibility form
You'll fill this form out only once while at ASU. It notifies the Pat Tillman Veterans Center of your intent to use VA education benefits, such as the GI-Bill®, while at ASU. Please note that it contains important information regarding the use of VA benefits throughout your school enrollment. Fill out the form online and submit it directly to the Pat Tillman Veterans Center. You will receive a confirmation email indicating you have completed the form.

VA Benefits Responsibility form [10]

Prior to your first semester at ASU, fill out this form if you intend to use VA education benefits. The form provides important information about your particular benefit program. Your completed form will submit directly to the Pat Tillman Veterans Center, and you'll receive an email confirmation.

VA Enrollment Activity form
This form notifies the Pat Tillman Veterans Center of your intent to use (or not use) your VA education benefits for the semester's enrollment. Submit this form each semester after finalizing your schedule. Additionally, you can revise your EAF to tell us about classes you or your college may have added since your original submission. Once completed, the form will submit directly to PTVC, and a confirmation will be sent to your ASU email address.

Enrollment activity form [10]

Prior Credit Evaluation form
Submit this form following your acceptance to ASU to ensure that all your prior course credit and/or previous experience is evaluated for potential transfer credit. Follow the directions on the form and work with your academic advisor to complete and submit it to the Pat Tillman Veterans Center.

Prior Credit Evaluation form [11]

Step 05: Register for LIA 294 or another first-year success course
LIA 294: Student Success for Veterans is designed for the student veteran, and provides you with support systems, academic resources and transitional aid. Meet other student veterans and learn about how ASU, the state of Arizona, and the VA can assist you throughout your college experience. Speak with your academic advisor to see if this class or another first year success course would benefit you. Find their contact information in MyASU.

My ASU [12]

Step 06: Register for a Veterans and Dependents Welcome event
The Veterans and dependents Welcome event is a seminar-style orientation. It is expected that all incoming graduate and undergraduate student veterans and dependents attend the welcome event prior to their first semester at ASU. Hosted by ASU and the Pat Tillman Veterans Center, the Veterans and Dependents Welcome event introduces you to valuable benefits information and procedures that will apply each semester that you use your benefits. Spouses and dependent students do not need to attend this event.

If you are a new student, you will receive notifications by mail and email prior to the event so you can RSVP and plan to attend. Events are scheduled before both fall and spring semesters. Refreshments are provided and space is limited, so we request that you don't bring guests. We look forward to seeing you there.

Register for welcome event [13]

Step 07: Complete your next steps for enrollment to the university
Select your student status to review your enrollment steps.

First-year [14]
Transfer [15]
Graduate [16]
Online [17]

"GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill [18].

Source URL: https://veterans.asu.edu/veteran-checklist

Links:
[1] mailto:ptvc@asu.edu
[2] https://www.va.gov/education/how-to-apply/
[3] https://veterans.asu.edu/veteran-checklist#example-content-1
[4] https://inquiry.vba.va.gov/weamspub/buildSearchInstitutionCriteria.do

[5] https://admission.asu.edu/apply
[6] https://students.asu.edu/register-for-classes
[7] https://veterans.asu.edu/military-veteran-dependent-student-success-resources#successclasses
[8] https://veterans.asu.edu/va-benefit-types
[9] https://veterans.asu.edu/sites/default/files/2022-02/38133_PTVCVABenefitsFlowChart_v3.pdf
[10] https://go.oasis.asu.edu/ptvcbrf/
[11] https://veterans.asu.edu/sites/default/files/Prior%20Credit%20Eval%20%281%29.pdf
[12] https://webapp4.asu.edu/myasu/
[13] https://veterans.asu.edu/welcome-event
[14] https://admission.asu.edu/first-year/admitted
[15] https://admission.asu.edu/transfer/admitted
[16] https://admission.asu.edu/graduate/admitted
[17] mailto:militaryonline@asu.edu
[18] http://www.benefits.va.gov/gibill

Admitted veteran student next steps

Welcome to Arizona State University

You've already learned how to succeed in a world-class organization, and you're moving on to another one: ASU. We're glad you're joining us.

Student veterans and members of the military are a valuable part of the ASU community and our academic environment. We encourage you to continue serving as a leader and stay connected through student clubs and organizations, virtual career fairs, research positions, and other internship and career opportunities, whether you're an online or on-campus student.

First day of classes

On-campus students enrolling for fall 2025
Classes begin Aug. 21, 2025

Spring 2026
Classes begin Jan12, 2026

Fall 2026
Aug. 20, 2026

View academic calendar [1]

A veteran admissions representative is here to help

Connect with a veteran admissions representative to receive additional assistance with veteran-specific items.

asuveterans@asu.edu | 480-965-5078

Schedule an appointment [2]

On-campus student next steps

Research and request your benefits

If you will be using VA benefits, such as the GI Bill®, this is the time to ensure that you have applied to use those benefits at ASU. If you will be using Tuition Assistance, make sure to reach out to your Education Service Officer to get the necessary paperwork completed.

Get started [3]

Connect with your academic advisor and register for classes

Schedule an appointment with your academic advisor before registering for your courses. They will help ensure you take courses that fit into your degree plan and keep you on track toward graduation.

Connect to My ASU [4]

If using VA benefits, complete ASU's documentation for processing.

Necessary forms will populate as tasks on My ASU. Be sure to first complete the VA Benefits Responsibility Form to start the initial benefits process. You can submit other necessary forms to ptvcforms@asu.edu.

Check your residency status

Most veterans and military members are eligible for in-state residency for tuition purposes. You can check our Residency Navigator [5] for more information.

Learn more [6]

Connect with the Pat Tillman Veterans Center

All ASU students can connect with the PTVC for advocacy support, to find student resources and for any questions you might have regarding your education.

Visit the PTVC site [7]

Online student next steps

Research and request your benefits

If you will be using VA benefits, such as the GI Bill®, this is the time to ensure that you have applied to use those benefits at ASU. If you will be using Tuition Assistance, make sure to reach out to your Education Service Officer to get the necessary paperwork completed.

Learn more [3]

Connect with our ASU Online Enrollment Team

Reach out to our enrollment team to ensure you take courses that fit into your degree plan and keep you on track toward graduation. If you need help reaching our enrollment team, email us at militaryonline@asu.edu.

If using VA benefits, complete ASU's documentation for processing

Necessary forms will populate as tasks on My ASU. Be sure to first complete the VA Benefits Responsibility Form to start the initial benefits process. View steps for submitting your VA Benefit forms at future.asuonline.asu.edu/military/va-benefits [8].

Check your residency status

Most veterans and military members are eligible for in-state residency for tuition purposes. You can check our Residency Navigator [5] for more information.

Learn more [9]

Connect with the Pat Tillman Veterans Center

All ASU students can connect with the PTVC for advocacy support, to find student resources and for any questions you might have regarding your education.

Visit the PTVC site [7]

Visit the following links for more information on the enrollment process

ASU admission specialists can answer your questions and guide you through each step of the enrollment process between now and the time you get here. Get to know yours. We're here for you.

First-year student [10]

Transfer student [11]

"GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at **www.benefits.va.gov/gibill** [12].

Source URL: https://admission.asu.edu/apply/veterans/admitted

Links:
[1] https://registrar.asu.edu/academic-calendar
[2] http://calendly.com/transfer-and-graduate-recruitment-team
[3] https://veterans.asu.edu/prospective
[4] https://my.asu.edu/
[5] https://registrar.asu.edu/residency
[6] https://veterans.asu.edu/policies
[7] https://veterans.asu.edu/
[8] https://veterans.asu.edu/veteran-checklist
[9] https://veterans.asu.edu/policies
[10] https://admission.asu.edu/first-year
[11] https://admission.asu.edu/transfer
[12] https://www.benefits.va.gov/gibill/

Barrett, The Honors College

Apply to Barrett

ASU offers 400+ undergraduate degree programs on four campuses and through ASU Online. Enhance your degree with the top ranked honors college experience in the country.

Barrett admission

Barrett, The Honors College is a community of students within Arizona State University who enjoy the considerable resources of a premier Research I university combined with the close, personal attention provided by the staff, faculty and deans of the highest ranked honors college in the nation. Students interested in Barrett must first apply to Arizona State University and then may begin the separate and free Barrett application. Prospective students should apply to ASU at least 4 - 6 weeks before the Barrett deadline to which they are applying. More information about the ASU Barrett application is below.

How and when to apply to Barrett

I am a:
First-year student [1]
Transfer student [2]
Current ASU student [3]
International student [4]
ASU Online student [5]

Apply to ASU

If you have not already applied to ASU, here are your university application options:
ASU application [6]
Common application [7]

Learn more about ASU
ASU offers a wide variety of learning opportunities, each with their own size and feel.

ASU Admission website [8]

Want more information?

Request info [9]

Source URL: https://barretthonors.asu.edu/admissions

Links:
[1] https://barretthonors.asu.edu/node/13
[2] https://barretthonors.asu.edu/node/14
[3] https://barretthonors.asu.edu/node/15
[4] https://barretthonors.asu.edu/node/16
[5] https://barretthonors.asu.edu/node/17
[6] https://webapp4.asu.edu/uga_admissionsapp
[7] https://apply.commonapp.org/login
[8] https://admission.asu.edu/
[9] https://barretthonors.asu.edu/request-info

Nondegree and visiting student admission

Some individuals may be interested in studying in a nondegree status, either through precollege summer programs or for their own personal learning experience. A nondegree student is one who has not attended ASU as a degree-seeking student, has not earned a bachelor's degree, is not attending full time and is not currently applying to a degree program.

If you are a visiting university student interested in taking classes, see this information on how to apply and enroll in classes [1].

- Once admitted to a degree program, a student is not permitted to register in a nondegree status.
- Nondegree students can enroll in eight credit hours for each fall, spring, and summer semester, with a maximum limit of 24 credit hours over the course of the academic year.
- Nondegree students may apply up to 15 hours taken in nondegree status to a degree program if they choose to pursue an undergraduate degree in the future.
- Nondegree students are not eligible for financial aid.
- Nondegree students may not be eligible for academic advising.
- VA education benefits are often not applicable to nondegree-seeking students.

Exceptions to these guidelines may be made for specific programs or partners with approval from the provost’s office.

Nondegree requirements

To be eligible to take classes at ASU as a nondegree student, you must either be a high school graduate or currently enrolled in high school.

If you are currently enrolled in high school or are under the age of 18, you may be eligible to take classes as a nondegree student. Before enrolling, ensure you are academically prepared for any college-level course, as these courses and grades will become part of your permanent academic record. It may be advisable to speak with your high school counselor prior to enrollment.

Apply now [2]

Application procedures

1. Complete an undergraduate admission application.

2. Submit the nonrefundable application fee.
   Arizona residents – $50 Nonresidents – $80 ASU Online – $70 International – $85
3. If needed, have your transcripts sent directly to ASU.

ASU will review your application for admission once all materials are on file. To see if your file is complete, sign in to My ASU using your ASURITE User ID provided to you after you submit your application.

You may need to submit a transcript if you are trying to enroll in a course that has prerequisites.

Sending transcripts to ASU [3]

See undergraduate admission contact information and office locations [4].

Frequently asked questions about nondegree student requirements

Can I apply to ASU as a nondegree-seeking student?
Yes, ASU accepts nondegree-seeking students. To be eligible to take classes as a nondegree-seeking student you must meet certain requirements and follow certain guidelines. See if you qualify to be a nondegree-seeking student.

Can I get financial aid as a nondegree-seeking student?
Nondegree-seeking students are not eligible for financial aid.

View more FAQs [5]

Source URL: https://admission.asu.edu/apply/nondegree

Links:
[1] https://admission.asu.edu/visiting
[2] https://webapp4.asu.edu/uga_admissionsapp
[3] https://admission.asu.edu/apply/transcripts
[4] https://admission.asu.edu/contact
[5] https://admission.asu.edu/contact/faqs

Visiting university students

Arizona State University welcomes visiting university students and is proud to provide students enrolled in other colleges and universities with opportunities to stay on track academically and advance toward your goals.

Apply as a visiting student [1]

If you are a current high school student, you can earn university credit.

We’re embedding the university experience in high school [2] to give students an accelerated path toward university admission and careers of the future. Our concurrent courses offer the opportunity to earn both high school and university credit toward a major.

Courses for visiting university students

As a national leader in online and remote learning, ASU's robust catalog of classes is available wherever you are. ASU has the class you need to get back on track or get ahead on progress toward your degree.

Humanities courses Literature, history, film studies, Shakespeare and more offered online (self-paced) or through live, digital classes. Search humanities courses [4]	**Science courses** Geography, marine biology, software engineering and more offered online (self-paced) or through live, digital classes. Search science courses [5]	**Art and design courses** Architecture, art history, animation, dance and more offered online (self-paced) or through live, digital classes. Search art and design courses [6]
Social sciences courses Criminal justice, forensic anthropology, counseling and more offered online (self-paced) or through live, digital classes. Search social science courses [7]	**Health courses** Biostatistics, health care management, psychopharmacology and more offered online (self-paced) or through live, digital classes. Search health courses [8]	**Business courses** Accounting, data analytics, information systems and more offered online (self-paced) or through live, digital classes. Search business courses [9]
Engineering courses Aviation, civil engineering, computer science, digital design and more offered online (self-paced) or through live, digital classes. Search engineering courses [10]	**Search for courses** Browse the Class Search tool for classes available for visiting university students, including courses offered in person and via ASU Sync, as well as fully online iCourses and classes offered through ASU Online. Search courses [11]	

Steps to become a visiting university student at ASU

Step 01: Find a course [11] you want to take.
Search the entire catalog of ASU classes — find those available to help you catch up, stay on track or accelerate your degree.

Step 02: Submit your application [1]**.**
Our Visiting University Student application is streamlined, taking only 10 to 15 minutes to complete. Decisions are made within 24 to 48 hours.

Step 03: Get an ASU email and activate your account [12]**.**
Check your email for ASURITE User ID credentials to activate My ASU.

Step 04: Register [13] for classes and pay your bill [14]**.**
Though financial aid is not available for visiting university students, affordable tuition rates have been set to support students interested in advancing their degree through ASU credits.

We recommend checking the course number and name with your home institution advisor before you register to make sure it transfers back to your home institution.

Tuition for visiting university students is set at ASU Online tuition rates [15] regardless of course modality.

Step 05: Take the class.
Your admission to ASU with nondegree-seeking status permits you to register for up to eight credit hours per semester. You may apply a maximum of 15 credit hours toward a degree at ASU. Nondegree-seeking students are not eligible for financial aid. For more information, visit this page [16].

Step 06: Order your ASU transcript [17]**.**
Use this official document to submit to your home institution and apply toward your degree.

Visiting university student frequently asked questions

Are all classes taught online?
All classes are offered remotely. Some are offered as our traditional ASU Online courses, some are iCourses and some are taught remotely through ASU Sync.

What is an ASU Online class?
ASU Online courses are part of our industry-leading online education platform and most are delivered asynchronously, meaning they do not have specific dates and times that the class meets. These classes are listed in ASU's course search as "ASU Online Classes".

What is an iCourse?
iCourses are online classes and may be offered asynchronously or they may be taught in live, digital sessions, or other synchronous methods. If an iCourse has a day and time listed, you will meet remotely during that time. If there is no specific time listed, this means that the class is asynchronous, meaning they do not have specific dates and times that the class meets. These classes are listed in ASU's course search as "In-Person & iCourses".

What is ASU Sync?
ASU Sync allows any student to attend a live-taught, on-campus class via Zoom during it's regularly scheduled day and time. These classes include a live lecture or class presentation by a faculty member alongside other virtual learners in Zoom and students in the classroom.

How much does a class cost?
ASU is committed to providing our high-quality instruction at an affordable tuition rate. Tuition for visiting university students is set at ASU Online tuition rates [15] regardless of course modality.

When do classes start?
ASU classes begin six times a year. ASU regularly offers classes in the fall, spring and summer terms. Follow this link to review the start dates for upcoming terms: https://students.asu.edu/academic-calendar [18]

Is there a credit limit that visiting university students can take?
Yes. Visiting university students can enroll in eight credit hours for each fall and spring semester, seven credit hours for each six-week summer session, and nine credit hours for the eight-week summer session, with a maximum limit of 24 credit hours over the course of the academic year.

Can students who already have a bachelor's degree take undergraduate or graduate classes as a visiting university student?
While we do not have a visiting university student application for those with a bachelor's degree already completed, students who already have a bachelor's degree and are looking to enroll in courses at the undergraduate or graduate level are welcome to apply as a graduate nondegree-seeking applicant.

Who is eligible to be a visiting university student?
If you are an undergraduate student in good academic standing at any community college, college or university, you are eligible to take courses for credit with ASU as a visiting university student.

Can master's students take graduate-level classes as a visiting university student?
Yes, students who already have a bachelor's degree or are looking to enroll in ASU courses at the graduate (master's) level are welcome to apply as a Graduate Nondegree applicant [19].

How long does it take to apply and get accepted?
We have worked to make the application process as simple as possible. The application takes 10-15 minutes to complete. You'll have an answer on your application within 48 hours.

Do all classes transfer back to my home college or university?
Most of ASU's courses do transfer and count toward your degree at your home institution. However, we strongly encourage you to speak with your advisor at your home institution to ensure that the ASU class or classes you are taking will transfer back to your home institution. Ultimately, it is up to your home school to determine if ASU classes count toward your degree.

Source URL: https://admission.asu.edu/visiting

Links:
[1] https://webapp4.asu.edu/uga_admissionsapp/
[2] https://asuprepdigital.asu.edu/
[3] https://asuprepdigital.asu.edu/
[4] https://catalog.apps.asu.edu/catalog/classes/classlist?campusOrOnlineSelection=A&gen_studies=GS-HU&honors=F&promod=F&searchType=all
[5]https://catalog.apps.asu.edu/catalog/classes/classlist?campusOrOnlineSelection=A&honors=F&keywords=science&promod=F&searchType=all
[6] https://catalog.apps.asu.edu/catalog/classes/classlist?campusOrOnlineSelection=A&gen_studies=GS-HU&honors=F&promod=F&searchType=all
[7] https://catalog.apps.asu.edu/catalog/classes/classlist?campusOrOnlineSelection=A&gen_studies=GS-SB&honors=F&promod=F&searchType=all
[8]https://catalog.apps.asu.edu/catalog/classes/classlist?campusOrOnlineSelection=A&honors=F&keywords=health&promod=F&searchType=all
[9]https://catalog.apps.asu.edu/catalog/classes/classlist?campusOrOnlineSelection=A&honors=F&keywords=business&promod=F&searchType=all
[10]https://catalog.apps.asu.edu/catalog/classes/classlist?campusOrOnlineSelection=A&honors=F&keywords=engineering&promod=F&searchType=all
[11] https://webapp4.asu.edu/catalog/
[12] https://weblogin.asu.edu/password/activation
[13] https://registrar.asu.edu/drop-add
[14] https://tuition.asu.edu/
[15] https://asuonline.asu.edu/what-it-costs/
[16] https://admission.asu.edu/undergrad/nondegree
[17] https://registrar.asu.edu/transcripts
[18] https://registrar.asu.edu/academic-calendar
[19] https://admission.asu.edu/graduate/nondegree

Undergraduate readmission

Quick re-entry

If you are an undergraduate degree-seeking student who previously attended ASU but who has not been enrolled at ASU for up to seven consecutive fall or spring semesters, you may be eligible to return through Quick Re-entry.* You do not need to submit a new application or application fee. You may sign in to My ASU and register for classes. You may have a hold or Priority Task that you need to complete before you are able to register for classes. Your catalog year upon re-entry will be determined via current policy.

International students are still responsible for all SEVIS requirements and should check with the International Students and Scholars Center at ASU.

If your absence is due to military deployment, service on an official church mission or with a foreign aid service of the federal government, or a permanent disability, you should submit a Leave of Absence [1].

You must submit official transcript(s) from all institutions you attended during your absence from ASU. Official transcripts must be mailed or sent electronically directly to Admission Services by the records office of the issuing institutions. Please check the contact page for the mailing address [2]. ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax.

International students (F1/J1 visa) eligible for quick re-entry should contact ASU's International Students and Scholars Center at ISSC@asu.edu to submit documentation for issuance of an I-20 for visa purposes. Visit issc.asu.edu [3].

*If you have completed an ASU bachelor's degree program and are seeking to pursue another program or were academically disqualified, you are not eligible for quick re-entry.

Readmission requirements

If you are not eligible for Quick Re-entry you must apply for readmission and submit applicable fees. An applicant for readmission must have an ASU GPA of 2.00 or higher, depending on the ASU school or college and must have left on good academic standing. Students who do not meet this GPA and academic standing requirement may appeal. In these cases, the completed application for readmission may be subject to a due date that is earlier than the application deadline.

If a readmission appeal is required, please note that the decisions may take 4-6 weeks.

Note: You must submit official transcripts from all institutions you attended during your absence from ASU. Official transcripts must be mailed or sent electronically directly to Admission Services by the records office of the issuing institutions. ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax. Please visit our contact page for the mailing address [2].

Priority readmission application deadlines

Fall semester

The priority readmission application deadline for fall semester is June 1. Readmission applications received after June 1 will be considered on a space-available basis. Space is limited in some programs and admission to these programs is more competitive.

Spring semester

The priority readmission application deadline for spring semester is Dec. 1. Readmission applications received after Dec. 1 will be considered on a space-available basis. Space is limited in some programs and admission to these programs is more competitive.

Summer sessions

The priority readmission application deadline is May 1.

What needs to be submitted by the deadline?
You must submit the application for undergraduate admission, along with the application fee, by the deadline specified for each semester. In order to expedite the evaluation of your application, also submit official transcripts, test scores and supporting credentials immediately.

I was previously admitted to ASU but did not attend. Am I a readmission student?
If you have previously been admitted to ASU but did not attend, you will be considered a first-year student or a transfer student.

Steps to apply for readmission

Step 01: Complete the undergraduate admission application.
ASU accepts online applications only.

Apply now [4]

Step 02: Submit the nonrefundable application fee.
Arizona residents: $50
Nonresidents: $80
International: $85

If you're applying to an ASU Online degree program, a nonrefundable application fee of $70 will be charged regardless of residency classification.

Step 03: Request that your official transcripts be sent directly from your school(s) to Admission Services.
Upon completion of the semester, request that a final transcript be sent directly to ASU to determine final admission status. If you do not meet readmission requirements for your selected major, you must submit complete transcripts before an admission decision is made. Submit transcripts only from institutions other than ASU.

Note: Receipt of your final transcript impacts financial aid disbursement and eligibility to register for future classes.

Find out more about transferring credits to ASU [5].

Veterans exception

By Arizona statute, no failing grades received by a veteran at an Arizona university or community college before military service may be considered when determining admissibility. This exception applies only to veterans who fulfill these three criteria:

- Are honorably discharged.
- Have served in the armed forces of the United States for a minimum of two years.
- Have previously enrolled at a university or community college in Arizona.

Military service records must be submitted, including form DD 214.

Disqualification

If you have been academically disqualified from ASU, you will need to wait for at least one fall or spring semester to pass immediately following your disqualification before applying for readmission. Some ASU colleges or schools may require you to wait for a longer period. Contact the college or school [6] of your desired major for more information.

Academic renewal

Academic renewal guidelines

Academic renewal is a university policy administered to recalculate the cumulative ASU GPA of an undergraduate student who:

- Is pursuing his/her first undergraduate degree and has not previously received an academic renewal; and
- Has a cumulative ASU GPA below 2.0; and
- Is readmitted to a degree program after an absence of at least five consecutive years.

ASU Courses completed before the five-year absence with a grade "C" or better are accepted in the same manner as transfer credit. This will apply to the maximum number of community college transfer credits allowed by the program, as specified by SSM 401-01 [7].

Graduation requirements for resident credit hours and GPA must be fulfilled after the academic renewal. Graduation requirements for academic recognition (resident credit hours and GPA) must also be fulfilled after the academic renewal.

Courses completed before and after the academic renewal remain on the transcript and may be considered when students apply for undergraduate professional or graduate programs.

Procedure:

The student must:

- Print the Application for Academic Renewal form [8] from the web, or request it from the college of the student's major; and
- Submit the form to the dean's office in the college offering the student's major before the last day of the third semester after readmission.

The dean's office of the college of the student's major:

- Specifies a minimum of 12 semester hours the student is required to earn with a minimum cumulative GPA of 2.5 and no grade lower than a "C," to be completed within three semesters after reentry.

Upon completion of the requirements by the student, the dean's office:

- Forwards the approved Application for Academic Renewal to the Course Catalog and Curriculum Maintenance section of University Registrar Services.

Course Catalog and Curriculum Maintenance section of University Registrar Services:

- Processes the academic renewal and adjusts the student's credit hours and GPA; and
- Sends an unofficial transcript showing the processed academic renewal to the student.

Undergraduate readmission contact information and office locations

Phone: 480-965-7788
Fax: 480-965-3610
Location: Student Services Building [9], room 112, Tempe campus

Frequently asked questions about readmission

Am I eligible for Quick Re-entry?
If you're an undergraduate degree-seeking student who has attended ASU before but have not been enrolled for up to seven consecutive fall or spring semesters, you are eligible for Quick Re-entry. If you haven't been enrolled at ASU for eight or more semesters, you are not eligible for Quick Re-entry and must apply for readmission.

How do I know if I have to reapply for admission?
If you have not been enrolled at ASU for eight or more semesters, you have to apply for readmission and submit all applicable fees. If you have not been enrolled at ASU for one or two fall or spring semesters, you are eligible to return through Quick Re-entry.

Are readmission requirements different than when I was first admitted?
They may be, depending on when you were first admitted. ASU admission requirements change from time to time, so the admission standards you met previously may be different than they are currently.

View more FAQs [10]

Source URL: https://admission.asu.edu/apply/first-year/readmission

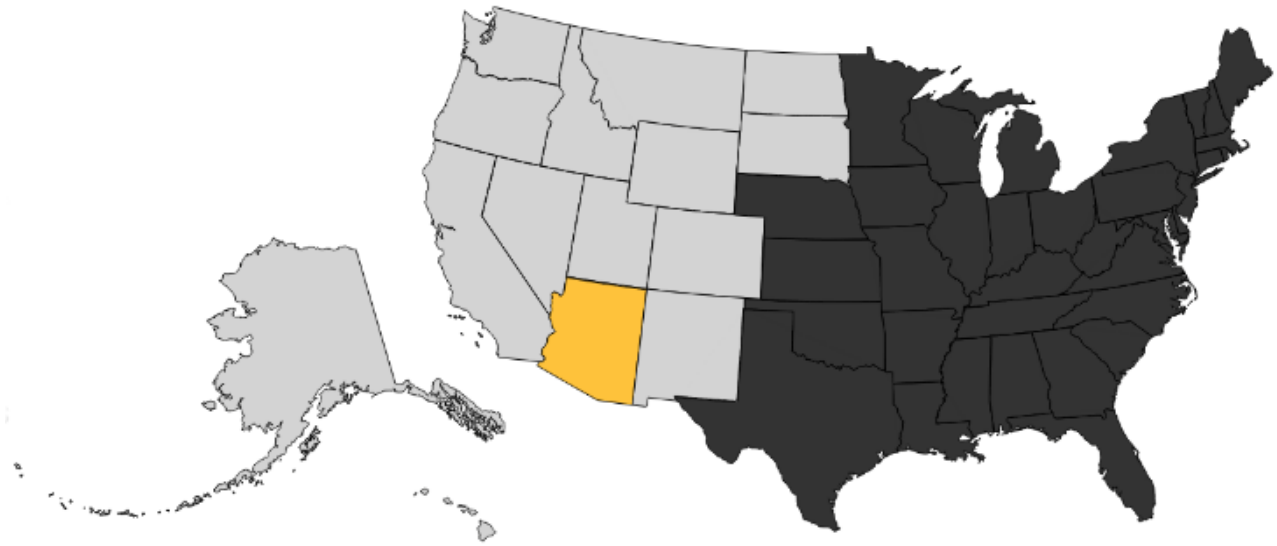
Links:
[1] https://registrar.asu.edu/leave-absence
[2] https://admission.asu.edu/contact
[3] https://issc.asu.edu/
[4] https://webapp4.asu.edu/uga_admissionsapp/
[5] https://admission.asu.edu/transfer/transferring-credits
[6] https://students.asu.edu/advising
[7] https://www.asu.edu/aad/manuals/ssm/ssm401-01.html
[8] https://registrar.asu.edu/forms/academic-renewal
[9] https://maps.asu.edu/?id=120&mrkId=63156
[10] https://admission.asu.edu/contact/faqs

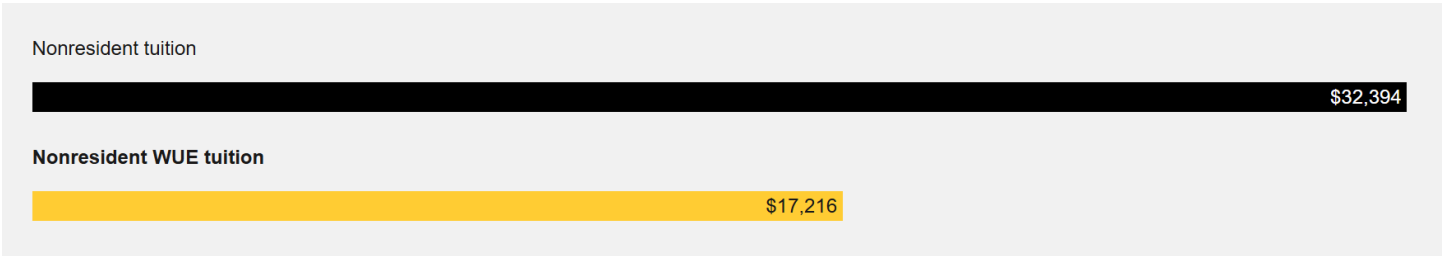
Western Undergraduate Exchange (WUE)

Reduced tuition at ASU — it's the neighborly thing to do

The Western Undergraduate Exchange (WUE) is a program coordinated by the Western Interstate Commission for Higher Education. Residents of western states (other than Arizona) may enroll in the ASU WUE program at a tuition rate of 150 percent of Arizona base resident tuition plus all applicable fees for fall and spring terms only. WUE programs are limited to select majors at ASU's Downtown Phoenix, Polytechnic and West Valley campuses. The WUE tuition rate is not available for ASU Online programs.

Explore WUE majors [1]





WUE enrollment and eligibility information

General eligibility requirements

- Students must be a permanent resident of Alaska, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming, the Commonwealth of the Northern Mariana Islands or American Samoa.
- Students must apply to one of the ASU WUE-eligible majors or programs [1].
- To maintain WUE eligibility, you must follow certain requirements including remaining enrolled in your WUE-eligible major and campus. See all the requirements for maintaining WUE eligibility [2].
- Any currently enrolled ASU student who does not meet initial eligibility requirements as a first-year student or a transfer student, can be reevaluated after completing 12 credit hours at ASU with a minimum 2.50 ASU cumulative GPA. Students can email WUE@asu.edu to be reviewed once final grades have been posted at the end of the fall or spring term.

First-year student requirements

- First-year students must have a high school GPA of 3.00 or higher in competency courses [3] (this is known as the ABOR GPA), or have an SAT of 1180 or ACT of 24 (not including the writing portion of these exams) or higher.
- First-year students are expected to live in an ASU residence hall during their first year. Please see asu.edu/housing [4] for more information.
- WUE first-year students may be eligible for an ASU nonresident merit-based WUE scholarship [5]. ASU will notify qualified admitted first-year students in writing of this award.

Transfer student requirements

- Transfer students must have an overall GPA of 2.50 or higher on a 4.00 scale in all transferable coursework.
- Transfer students must have less than 120 transferable semester credits.
- Community college transfer students must have a minimum of an associate degree or 60 transferable semester credits (90 quarter credits are needed for students transferring from a community college on the quarter system).
- BAS degree programs are open only to students who have an AAS or equivalent degree.
- All final transcripts must be filed two weeks prior to the start of your first semester at ASU in order to be evaluated for WUE.
- No individual review is conducted for transfer students.

Individual review

Students who don’t meet the above standards will be considered for the WUE program through individual review. Through this process, Admission Services will review all available information about a student’s application, carefully considering all aspects of a student’s academic background and accomplishments. Submission of an ACT or SAT score is highly recommended. In some cases, additional information might be requested.

New American University awarding

Students cannot combine a New American University Award with WUE tuition. However, if a student is awarded a NAMU that exceeds the value of WUE tuition, they will retain the higher-value award. If you have questions about NAMU and its potential impact on your WUE tuition, please reach out [6] to your ASU admission team member.

To see total cost of attendance, visit tuition.asu.edu/cost [7].

More information about WUE

If you have questions about WUE, please contact your ASU admission team member or visit the Western Undergraduate Exchange website [8].

Contact my admission team member [9]

Current students with questions about maintaining eligibility should contact University Registrar Services at WUE@asu.edu.

Source URL: https://admission.asu.edu/cost-aid/wue

Links:
[1] https://webapp4.asu.edu/programs/t5/programs/Keyword/wue/undergrad/false?init=false&nopassive=true
[2] https://admission.asu.edu/cost-aid/wue/maintaining-eligibility
[3] https://admission.asu.edu/first-year/competency-requirements
[4] https://housing.asu.edu
[5] https://scholarships.asu.edu/scholarship/1733
[6] https://admission.asu.edu/contact
[7] http://tuition.asu.edu/cost
[8] https://www.wiche.edu/wue
[9] https://admission.asu.edu/contact/undergraduate

Maintaining WUE eligibility

WUE requirements for maintaining eligibility

Once students are admitted into an ASU Western Undergraduate Exchange (WUE) major, they must meet certain requirements to maintain their WUE eligibility each semester.

Eligible majors/programs

- Students must remain enrolled in one of the ASU WUE-eligible majors or programs [1].
- ASU Online programs are not eligible.
- Students who change majors to a non-WUE major will be removed from WUE and charged out-of-state tuition

Eligibility time periods

WUE status is available for:

- New first-time students up to a maximum of eight semesters, beginning with their first term of enrollment at ASU.
- New community college transfer students up to a maximum of 5 semesters, beginning with their first term of enrollment at ASU.
- New transfer students from 4-year institutions up to a maximum of 120 credit hours, including all transfer credits.

Credit hour requirements

- Students must maintain **continuous enrollment** which is defined as enrollment in both fall and spring semesters with summer sessions not included.
- Students must earn a minimum of 24 credits during the yearly fall/spring review period.
- Students may not use the following credit for meeting the minimum 24 credit hours requirement, although these credits may still count toward their overall credits for degree completion:
    - Summer sessions and consortium agreement classes, repeated classes, incomplete grades or audited classes.
    - Any credits received by examination, including AP, CLEP, IB and other tests.

Required GPA

- Students must maintain a 2.00 minimum ASU cumulative GPA.

Enrollment requirements (can count in 24 credit hours requirement)

- Students are expected to enroll in classes at their designated campus location. Courses delivered through iCourse are allowed.

- Enrollment is also allowed in a few select specialized program offerings: participation in a ROTC program, ASU Marching Band, participating in an internship or study abroad experience as an example.
- Students seeking enrollment exceptions should submit requests via email to wue@asu.edu for consideration, with the understanding that such requests are not granted for reasons such as home/work proximity, transportation issues or extracurricular activities participation.

Concurrent degrees, minors and certificates

- Students enrolled in a WUE eligible program, along with a non-WUE concurrent degree, minor or certificate, must enroll in a minimum of 12 credit hours in any combination of iCourses and courses at their designated campus location.
- The Polytechnic Professional Flight program is not eligible for a concurrent degree.

Residency status

- Students must remain residents of their home state.
- Students cannot apply time accrued during WUE program participation to establish Arizona residency for tuition purposes.

Code of conduct

- Violations of the ABOR Student Code of Conduct may result in loss of WUE eligibility.

More Information about WUE:

WUE FAQs for continuing students [2]
Further questions about applying for WUE, please contact your ASU admission team member at https://admission.asu.edu/contact/undergraduate [3].

Further questions about maintaining your WUE eligibility, please contact University Registrar Services at WUE@asu.edu.

Source URL: https://admission.asu.edu/cost-aid/wue/maintaining-eligibility

Links:
[1] https://webapp4.asu.edu/programs/t5/programs/Keyword/wue/undergrad/false
[2] https://admission.asu.edu/cost-aid/wue/maintaining-eligibility-faqs
[3] https://admission.asu.edu/contact/undergraduate

Contact ASU Admission Services

We're here to help

To find your personal admission team member's email and phone number, select undergraduate or graduate below and answer a couple quick questions.

Contact an undergraduate admission team member [1]
Contact a graduate admission team member [2]

Admission Services mailing address

Have your test scores (e.g., ACT, SAT, TOEFL) and official high school or college transcripts sent from the issuing institution to the address below. Any written inquiries should be sent to this address as well.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

If sending by FedEx, DHL or UPS (recommended method for international students):

Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

Contact ASU Admission Services by email or phone

Undergraduate admission (first-year students and transfer students)
Main admission line 480-965-7788

Downtown Phoenix campus
University Center Building, Suite 130 [3]
Monday–Friday, 8 a.m.–5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students | Transfer | International [4]
Street address: 411 N. Central Ave. Phoenix, AZ 85004

Polytechnic campus
Administration Building [5]
Monday–Friday, 8 a.m.–5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students | Transfer | International [4]
Street address: 5990 S Sterling Mall Mesa, Arizona 85212

ASU California Center
California Center Grand [6], Suite 204
Monday–Friday, 8 a.m.–5 p.m.
Phone number: 213-510-6961
Email: First-year, Transfer and International [7]
Street address: 919 S Grand Ave, Los Angeles CA 90015

Tempe campus
Student Services Building [8], Room 150
Monday–Friday, 8 a.m.—5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students | Transfer | International [4] | Graduate [9]
Street address: 1151 S. Forest Ave. Tempe, AZ 85281

West Valley campus
University Center, Room 120 [10]
Monday–Friday, 8 a.m.–5 p.m.
Phone number: 480-965-7788
Fax: 480-965-3610
Email: First-year students | Transfer | International [4]
Street address: 13590 N. 47th Ave. Phoenix, AZ 85306

ASU Online
Phone number: 866-277-6589
Email: enrollmentonline@asu.edu

Follow us @FutureSunDevils

Facebook [11]

Apply [12]
Visit ASU [13]
Request info [14]

Source URL: https://admission.asu.edu/contact

Links:
[1] https://admission.asu.edu/contact/undergraduate
[2] https://admission.asu.edu/contact/graduate
[3] https://www.asu.edu/map/interactive/?campus=downtown&building=UCENT
[4] https://admission.asu.edu/contact/undergraduate

[5] https://www.asu.edu/map/interactive/?id=120&mrkId=62667
[6] https://visit.asu.edu/californiacenter
[7] mailto:CACenterRecruitment@asu.edu
[8] https://www.asu.edu/map/interactive/?campus=tempe&building=SSV
[9] https://admission.asu.edu/contact/graduate
[10] https://www.asu.edu/map/interactive/?campus=west&building=UCB
[11] https://www.facebook.com/FutureSunDevils/
[12] https://admission.asu.edu/apply
[13] https://visit.asu.edu/
[14] https://admission.asu.edu/contact/request-info

Arizona general education curriculum (AGEC)

The Arizona public community colleges and universities have agreed upon a common structure for a general education core. This curriculum provides students attending any Arizona public community college with the opportunity to build a general education program that is transferable to any other state institution without loss of credit. This common agreement is called the Arizona General Education Curriculum, or AGEC.

The AGEC is composed of 35–37 credit hours of lower-division general education coursework in which a student may prepare for transfer.

The AGEC has three forms: AGEC-A, AGEC-B and AGEC-S. A detailed description of each AGEC is available at https://www.aztransfer.com/about/agec.html [1].

Community colleges are responsible for certifying the date of completion of the AGEC on the official institutional transcripts.

Completion of the appropriate AGEC fulfills ASU lower-division general studies requirements of the baccalaureate degree with which the AGEC articulates. Students completing the AGEC are still required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study. To complete a degree program most efficiently, students should select courses that concurrently satisfy AGEC and major requirements.

Completion of any AGEC from an Arizona community college guarantees admission to the university, provided that a cumulative GPA of 2.50 or higher has been achieved. AGEC completion, however, does not guarantee admission to any specific university program. Many majors (e.g., architecture, engineering, business, the fine and creative arts, and health professions) have significant prerequisites or program requirements that must be completed before a student may be admitted to upper-division coursework. Community college students who are undecided about which of the universities they plan to attend or what program of study they intend to pursue are advised to explore educational options while they complete the AGEC. In all cases, students have the responsibility for selecting general education coursework that is relevant to the requirements of their intended major and degree.

Students who complete both the AGEC and an approved associate degree are assigned junior class standing by the state universities. Junior class standing is based on the number of credit hours a student has earned and does not necessarily indicate the remaining number of credit hours needed to complete degree requirements. Course prerequisites, major requirements and upper-division requirements continue to be specified by each university. Appropriate sequencing of courses and timely completion of course prerequisites are essential to ensure efficient progress toward a baccalaureate degree. Students who have identified the university they plan to attend or a major area of study are advised to fulfill requirements and prerequisites identified by these programs through ASU's MyPath2ASU® [2]. The AGEC does not replace articulation agreements developed to enhance the transfer process between specific institutions, nor does the AGEC eliminate the possibility that students who have identified the university they plan to attend and a major area of study will follow transfer guides provided by the state universities.

Source URL: https://catalog.asu.edu/agec

Links:
[1] https://www.aztransfer.com/about/agec.html
[2] https://admission.asu.edu/transfer/pathway-programs

Course load and concurrent enrollment

Course load

A minimum full-time course load for an undergraduate student is 12 credit hours.

The maximum course load for which a degree-seeking student may register in a fall or spring semester across all three sessions (A, B and C) is 18 credit hours, with a maximum of nine credit hours in each A or B session. The limit is 19 credit hours for students enrolled in the Ira A. Fulton Schools of Engineering. A student wishing to register for more than the maximum must petition the standards committee of the college in which the student is enrolled and must obtain an approved overload before registration.

Summer session credit hour load

The summer session credit hour load limit is seven credit hours for each six-week session and nine credit hours for the eight-week session, and the load limit is 14 credit hours for any combination of sessions.

Graduate credits earned by undergraduate students

ASU undergraduate students who have achieved senior status (they cannot be postbaccalaureate) with a cumulative GPA of 3.00 or higher may count up to 12 credit hours of graduate-level coursework toward their graduate degree at ASU (termed preadmission credit hours). Only graduate courses with a grade of "B" (3.00) or higher may be included on a graduate plan of study. Preadmission graduate courses cannot be used to meet any baccalaureate graduation requirements. Before registering for these courses, students are advised to check with their academic advisor to ensure the correct internal academic unit or college process is followed. Permission to take a preadmission graduate course does not guarantee admission to a graduate degree program or that the course may be used toward graduate degree requirements.

Use of graduate course credit by undergraduates

Graduate course credit earned by an undergraduate student that is used to fulfill requirements for an undergraduate degree program cannot also be used in a graduate degree program unless the student is enrolled in an approved accelerated master's degree program. Students must contact their advisor before enrolling in a graduate course they wish to use toward a future graduate program at ASU.

Concurrent enrollment

A student may enroll in classes at other institutions or in independent learning courses while enrolled at ASU, provided that the student adheres to the other institution's regulations concerning enrollment, graduation requirements and transfer of credits. However, the student is urged to seek advising before concurrent enrollment to ensure orderly progress toward a degree. If the total credit hours exceed the maximum course load, prior permission must be granted by the college standards committee.

Changes in enrollment can affect financial aid awards. Students should contact Financial Aid and Scholarship Services [1] for more information.

Enrollment verification guidelines

The registrar is responsible for verifying enrollment, according to general guidelines; students should review the enrollment verification [2] page.

Source URL: https://catalog.asu.edu/course_load

Links:
[1] https://tuition.asu.edu/contact
[2] https://registrar.asu.edu/enrollment-verification

Credit by examination

Students may receive credit for an ASU course by taking an examination in place of the actual course. Some exams may be taken prior to admission to ASU. Information is provided below on each type of exam, the courses that are equivalent and other conditions that may apply to credit being awarded.

- A student pursuing a bachelor's degree may earn no more than 60 hours of credit by examination, including ASU comprehensive and proficiency exams, for any or all programs.
- A student pursuing an associate degree may earn no more than 30 hours of credit by examination, including ASU comprehensive and proficiency exams, for any or all programs.
- Credit is not awarded for any course in which the student has been given credit from any educational institution.
- Credit is not granted for a course taken at an educational institution after credit by examination has been awarded.
  Exception: There may be instances in which a student wishes to remove exam credit earned through Advanced Placement, College-Level Examination Program, DANTES Subject Standardized Test, Cambridge International exam or International Baccalaureate exams. If the student elects to remove exam credit, the cumulative university hours are adjusted, and the student can complete the corresponding ASU course. When a student decides to complete the ASU course, the earned credit and grades always apply. Students should see below for additional details on each exam and its equivalent scores.
- Credit may not be received for a lower-level or prerequisite course when credit has already been received in a higher-level course within the same field.
- Only credit earned by comprehensive examination counts toward the resident credit requirement for graduation.
- Credit by exam is awarded based on the date the exam was taken. Students who take the exam during the current catalog year (August 2025–July 2026) earn credit based on the credit equivalency found in the current catalog. If the test was taken in a prior academic year, the student should refer to the catalog of that year or search the Transfer Guide [1] for more information.

Types of examinations

College-Level Examination Program (CLEP) can be taken before or during enrollment at ASU.
Advanced Placement (AP) is taken during secondary school or before enrollment at ASU.
DANTES or DSST (Defense Activity for Nontraditional Education Support Subject Standardized Test) is taken by military or approved government personnel before or during enrollment at ASU.
International Baccalaureate (IB) exam credit is earned by students of an International Baccalaureate®-approved school before enrollment at ASU.
Cambridge International exam is taken by students who have completed a Cambridge course in their secondary school.
Comprehensive examinations can be taken by current ASU students.
Proficiency examinations can be taken by current ASU students.

For information about placement testing for mathematics and English classes before orientation, students should refer to the placement and testing requirements [2] in the ASU Academic Catalog.

College-Level Examination Program (CLEP)

Students who have taken a College-Level Examination of the College Entrance Examination Board may receive university credit. The table of CLEP credit applies to all students enrolled in the university for the first time in August 1975 and any student enrolling thereafter. CLEP examination credit is not given if it duplicates credit previously earned by the student at

the university or accepted by the university for work done elsewhere. All examinations are given monthly by University Testing and Scanning Services [3].

CLEP examination credit does not satisfy the General Studies Maroon requirements for Natural Sciences (SQ and SG) or Literacy and Critical Inquiry (L), or General Studies Gold requirements for Scientific Thinking in the Natural Sciences (SCIT). There is no limit to the number of CLEP credits that can be used to fulfill the other parts of the general studies requirements within either system. A student who has received ASU credit for a course as a result of special programs credit may not duplicate the credit by enrolling in the same class for credit at ASU or transferring it to another institution.

Subject examinations

To obtain credit or placement for all subject exams except English, History, French, German, and Spanish, a student must receive a score of 50 (computer-based testing scale) or higher. To obtain credit for College Composition, a student must receive a standard score of 610 (1978 scale), 500 (1986 scale), or 50 (computer-based testing scale). Test scores for French, German, History and Spanish are shown below in the CLEP credit table.

All equivalency is subject to future review and possible catalog change. Students should refer to the Transfer Guide for equivalencies of exams taken outside of the current catalog year. For more information on registering for CLEP testing [3], students should contact University Testing and Scanning Services [4] at 480-965-7146 or uts@asu.edu.

*Credit awarded as a department elective displays as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

Examination	Credit hours	Equivalency
American Government	3	POS 110
American Literature	3	ENG DEC* (Students must score 55 or higher.)
Analyzing and Interpreting Literature	3	ENG DEC*
Biology	3	BIO DEC*
Calculus	3 4	MAT 265 MAT 270
Chemistry	4	CHM 113
College Algebra	3	MAT 117
College Composition	3	Placement into ENG 105 and elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 50 or higher) before enrolling in ENG 102 may receive ENG 101 credit for the exam.
College Composition Modular	0	No credit
College Mathematics	0	No credit
English Literature	3	ENG DEC* (Students must score 55 or higher.)

Financial Accounting	3	Elective credit
French Language: Levels 1 and 2	4 8 12 16	FRE 101 (Students must score 50–54.) FRE 101, 102 (Students must score 55–61.) FRE 101, 102, 201 (Students must score 62–65.) FRE 101, 102, 201, 202 (Students must score 66 or higher.)
German Language: Levels 1 and 2	4 8 12 16	GER 101 (Students must score 39–45.) GER 101, 102 (Students must score 46–50.) GER 101, 102, 201 (Students must score 51–59.) GER 101, 102, 201, 202 (Students must score 60 or higher.)
History of the United States I: Early Colonization to 1877	3	HST 109 (Students must score 56 or higher.)
History of the United States II: 1865 to the Present	3	HST 110 (Students must score 56 or higher.)
Human Growth and Development	3	CDE 232
Humanities	3	Elective credit
Information Systems	3	CIS DEC*
Introduction to Educational Psychology	0	No credit
Introductory Business Law	3	LES 210
Introductory Psychology	3	PGS 101 or PSY 101
Introductory Sociology	3	SOC 101
Natural Sciences	3 6	Elective credit (Students must score 53–55.) Elective credit (Students must score 56 or higher.)
Precalculus (replaces College Algebra/Trigonometry)	3	MAT 170
Principles of Macroeconomics	3	ECN 211
Principles of Management	0	No credit
Principles of Marketing	0	No credit
Principles of Microeconomics	3	ECN 212
Social Sciences and History	6	Elective credit (Students must score 56 or higher.)

Spanish Language: Levels 1 and 2	4 8 12 16	SPA 101 (Students must score 50–54.) SPA 101, 102 (Students must score 55–65.) SPA 101, 102, 201 (Students must score 66–67.) SPA 101, 102, 201, 202 (Students must score 68 or higher.)
Spanish with Writing: Levels 1 and 2	8 16	SPA 101, 102 (Students must score 50–59.) SPA 101, 102, 201, 202 (Students must score 60 or higher.)
Western Civilization I: Ancient Near East to 1648	3	HST 102 (Students must score 56 or higher.)
Western Civilization II: 1648 to the Present	3	HST 104 (Students must score 56 or higher.)

Advanced Placement (AP)

Students who have taken an Advanced Placement course of the College Entrance Examination Board in their secondary school and who have taken an AP examination of the CEEB may receive university credit. No credit is given for any examination with a score of 2 or 1. There is no limit to the number of AP credits that can be used to meet the general studies requirement, including the requirements for Natural Sciences (SQ and SG) and Literacy and Critical Inquiry (L) within General Studies Maroon, and those for Scientific Thinking in the Natural Sciences (SCIT) within General Studies Gold.

When scores are received by the university directly from the CEEB, credit is awarded as shown in the Advanced Placement credit table below.

Examination	Score	Credit hours	Equivalency
2-D Art and Design	5 or 4	3	ART 113
3-D Art and Design	5 or 4	3	ART 115
African American Studies	5, 4 or 3	3	AFR 210
Art History	5 or 4 3	6 3	ARS 101, 102 ARS 101 or 102
Biology	5 or 4 3	8 4	BIO 181, 182 BIO 100
Calculus AB	5, 4 or 3	4	MAT 270
Calculus AB subscore*	3	4	MAT 270
Calculus BC	5 or 4 3	8 4	MAT 270, 271 MAT 270
*Students who receive a score of 1 or 2 on the Calculus BC exam receive credit for MAT 270 if the AB subscore is 3 or higher			
Capstone Research	5, 4 or 3	3	Elective
Capstone Seminar	5, 4 or 3	3	Elective

Chemistry	5 4	8 4	CHM 113, 116 CHM 113
Chinese Language and Culture	5 4 3	20 15 10	CHI 101, 102, 201, 202 CHI 101, 102, 201 CHI 101, 102
Comparative Government and Politics	5 or 4	3	POS 150
Computer Science A	5 or 4	3	CSE 110 or ACO 101
Computer Science Principles	5, 4 or 3	3	IFT 101
Drawing	5 or 4	3	ART 111
English Language and Composition	5 or 4	3	Placement into ENG 105 and elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 4 or 5) before enrolling in ENG 102 may receive ENG 101 credit for the exam.
English Literature and Composition	5 or 4	3	Placement into ENG 105 and elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 4 or 5) before enrolling in ENG 102 may receive ENG 101 credit for the exam.
Environmental Science	5 or 4	3	SOS 110
European History	5 or 4	6	HST 103, 104
French Language and Culture	5 4 3	14 11 8	FRE 201, 202, 311, 312 FRE 201, 202, 311 FRE 201, 202
German Language and Culture	5 4 3	14 11 8	GER 201, 202, 311, 312 GER 201, 202, 311 GER 201, 202
Human Geography	5 or 4	3	GCU 102
Italian Language and Culture	5 4 3	16 12 8	ITA 101, 102, 201, 202 ITA 101, 102, 201 ITA 101, 102
Japanese Language and Culture	5 4 3	20 15 10	JPN 101, 102, 201, 202 JPN 101, 102, 201 JPN 101, 102
Latin	5 4 3	16 12 8	LAT 101, 102, 201, 202 LAT 101, 102, 201 LAT 101, 102

Macroeconomics	5 or 4	3	ECN 211
Microeconomics	5 or 4	3	ECN 212
Music Theory	5 or 4	3	MTC 125
Physics 1: Algebra-based	5 or 4	4	PHY 111, 113
Physics 2: Algebra-based	5 or 4	4	PHY 112, 114
Physics C: Electricity and Magnetism	5, 4 or 3	4	PHY 112, 114
Physics C: Mechanics	5, 4 or 3	4	PHY 111, 113
Precalculus	5, 4 or 3	3	MAT 170
Psychology	5 or 4	3	PGS 101 or PSY 101
Spanish Language and Culture	5 4 3	14 11 8	SPA 201, 202, 294, 313 SPA 201, 202, 294 SPA 201, 202
Spanish Literature and Culture	5 4 3	12 11 8	SPA 201, 202, 313, 394 SPA 201, 202, 313 SPA 201, 202
Statistics	5, 4 or 3	3	STP 226
United States Government and Politics	5 or 4	3	POS 110
United States History	5 or 4	6	HST 109, 110
World History: Modern	5 or 4	3	HST 101

DANTES/DSST

Students who have taken a Defense Activity for Nontraditional Education Support Subject Standardized Test, known as DSST, may receive university credit. Credit is awarded for score results equal to or above the American Council on Education's recommended score if the subject examination is applicable to a program of study at ASU, or credit may be assigned as elective. To receive credit, a transcript showing the DSST results must be received by ASU directly from the Educational Testing Service.

Students should refer to the Transfer Guide for equivalencies of exams taken outside of the current catalog year.
To register for the exam [5] or for more information about exam fees, students should contact University Testing and Scanning Services [4] at 480-965-7146 or uts@asu.edu.

*Credit awarded as a department elective displays as DEC. A DEC course is not directly equivalent to a current ASU course but could be used to fulfill graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

DSST exam	ASU credit	Score	Credit hours
A History of the Vietnam War	Elective credit	400	3
Art of the Western World	ARS 101 or 102	400	3
Astronomy	No credit		
Business Ethics and Society	Elective credit	400	3
Business Mathematics	No credit		
Computing and Information Technology	No credit		
Criminal Justice	CRJ 100	400	3
Environmental Science	Elective credit	400	3
Ethics in America	No credit		
Ethics in Technology	Elective credit	400	3
Foundations of Education	TEL DEC*	400	3
Fundamentals of College Algebra	No credit		
Fundamentals of Counseling	Elective credit	400	3
Fundamentals of Cybersecurity	Elective credit	400	3
General Anthropology	No credit		
Health and Human Development (formerly Here's to Your Health)	No credit		
History of the Soviet Union	HST DEC*	400	3
Human Resource Management	No credit		
Introduction to Business	Elective credit	400	3
Introduction to Geography (formerly Human/Cultural Geography)	GCU 102	400	3
Introduction to Geology	GLG 101	400	3
Introduction to Law Enforcement	CRJ DEC*	400	3
Introduction to World Religions	No credit		
Lifespan Developmental Psychology	Elective credit	400	3
Management Information Systems	Elective credit	400	3
Math for Liberal Arts	MAT 142	400	3
Money and Banking	No credit		

Organizational Behavior	Elective credit	400	3
Personal Finance	Elective credit	400	3
Physical Geology	No credit		
Principles of Advanced English Composition	No credit		
Principles of Finance	Elective credit	400	3
Principles of Public Speaking	Elective credit	400	3
Principles of Statistics	STP 226	400	3
Principles of Supervision	Elective credit	400	3
Substance Abuse	No credit		
Technical Writing	ENG DEC*	400	3
The Civil War and Reconstruction	HST DEC*	400	3

International Baccalaureate (IB) exam

Students who present an International Baccalaureate exam may qualify for university credit, depending on the level of the examination and the grade received. Arizona State University grants credit for higher-level courses and some standard-level courses. A high level grade of 5 qualifies the student to receive credit for up to two introductory courses, while a grade of 4 qualifies a student to receive credit for one introductory course. No credit is awarded for English as a second language (English B). Credit is awarded according to the IB credit table below.

*Credit awarded as a department elective displays as DEC. A DEC course is not directly equivalent to a current ASU course but could be used to satisfy graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

Examination**	Grade	Credit hours	Equivalency
Art/Design-high level	any	0	No credit
Biology-standard level	7, 6 or 5 4	4 3	BIO 100 BIO DEC*
Biology-high level	7, 6 or 5 4	8 4	BIO 181, 182 BIO 100
Business Management-standard level	7, 6, 5 or 4	3	Elective
Business Management-high level	7, 6 or 5 4	3 0	Elective No credit
Chemistry-standard level	any	0	No credit
Chemistry-high level	7, 6 or 5	8	CHM 113, 116

	4	4	CHM 113
Chinese B-standard level	any	0	No credit
Chinese B-high level	7 6 5 4	20 15 10 5	CHI 101, 102, 201, 202 CHI 101, 102, 201 CHI 101, 102 CHI 101
Classical Languages (Latin)-standard level	any	0	No credit
Classical Languages (Latin)-high level	7 6 5 4	16 12 8 4	LAT 101, 102, 201, 202 LAT 101, 102, 201 LAT 101, 102 LAT 101
Computer Science-standard level	7, 6, 5 or 4	3	Elective
Computer Science-high level	7, 6 or 5	3	ACO 101 or CSE 110
Dance-standard level	7, 6, 5 or 4	3	DCE 201
Dance-high level	7, 6, 5 or 4	3	DCE 201
Design Technology-standard level	7, 6, 5 or 4	3	Elective
Design Technology-high level	7, 6, 5 or 4	3	Elective
Economics-standard level	any	0	No credit
Economics-high level	7, 6 or 5	6	ECN 211, 212
Environmental Systems and Societies-standard level	7, 6 or 5	3	SOS 110
Extended Essay	any	0	No credit
Film-standard level	7, 6, 5 or 4	3	FMS 100
Film-high level	7, 6, 5 or 4	3	FMS 110 or 201
French B-standard level	any	0	No credit
French B-high level	7 6 5 4	16 12 8 4	FRE 101, 102, 201, 202 FRE 101, 102, 201 FRE 101, 102 FRE 101
Further Mathematics-high level	7, 6 or 5	4	MAT DEC*

Geography-standard level	7, 6, 5 or 4	3	GCU DEC*
Geography-high level	7, 6 or 5	3	GCU 102
German B-standard level	any	0	No credit
German B-high level	7 6 5 4	16 12 8 4	GER 101, 102, 201, 202 GER 101, 102, 201 GER 101, 102 GER 101
Global Politics-standard level	any	0	No credit
Global Politics-high level	7, 6, 5 or 4	3	POS 160
History-standard level	7, 6 or 5	3	HST DEC*
History Africa and the Middle East-high level	7, 6 or 5 4	6 0	Elective No credit
History Americas-high level	7, 6 or 5 4	6 3	HST 109, 110 HST 109
History Asia and Oceania-high level	7, 6 or 5 4	6 3	HST 107, 240 HST 107
History Europe-high level	7, 6 or 5 4	6 3	HST 103, 104 HST 103
Information Technology in a Global Society-standard level	7, 6 or 5 4	3 0	Elective No credit
Information Technology in a Global Society-high level	7, 6 or 5	3	Elective
Japanese B-standard level	any	0	No credit
Japanese B-high level	7 6 5 4	20 15 10 5	JPN 101, 102, 201, 202 JPN 101, 102, 201 JPN 101, 102 JPN 101
Language ab Initio-standard level	any	0	No credit
Language A: Language and Literature-standard level	any	0	No credit
Language A: Language and Literature-high level	7, 6 or 5	3	ENG 101 or Elective
Language A: Literature-standard level	any	0	No credit
Language A: Literature-high level	7, 6 or 5	3	ENG 101 or Elective
Literature and Performance-standard level	any	0	No credit

Mathematical Studies-standard level	any	0	No credit
Mathematics: Applications & Interpretations-standard level	7, 6 or 5 4	3 0	MAT DEC* No credit
Mathematics: Applications & Interpretations-high level	7, 6 or 5 4	3 0	MAT 142 No credit
Mathematics: Analysis & Approaches-standard level	7, 6 or 5 4	3 0	MAT DEC* No credit
Mathematics: Analysis & Approaches-high level	7, 6 or 5 4	4 0	MAT 270 No credit
Modern Languages: Chinese B-high level	7 6 5 4	20 15 10 5	CHI 101, 102, 201, 202 CHI 101, 102, 201 CHI 101, 102 CHI 101
Modern Languages: French B-high level	7 6 5 4	16 12 8 4	FRE 101, 102, 201, 202 FRE 101, 102, 201 FRE 101, 102 FRE 101
Modern Languages: German B-high level	7 6 5 4	16 12 8 4	GER 101, 102, 201, 202 GER 101, 102, 201 GER 101, 102 GER 101
Modern Languages: Japanese B-high level	7 6 5 4	20 15 10 5	JPN 101, 102, 201, 202 JPN 101, 102, 201 JPN 101, 102 JPN 101
Modern Languages: Spanish B-high level	7 6 5 4	16 12 8 4	SPA 101, 102, 201, 202 SPA 101, 102, 201 SPA 101, 102 SPA 101
Music-high level	7, 6 or 5 4	4 0	MUS DEC* No credit
Philosophy-standard level	7, 6, 5 or 4	0	No credit
Philosophy-high level	5 or 4	0	No credit
Physics-standard level	7 or 6 5 or 4	4 0	PHY 111, 113 No credit
Physics-high level	7, 6 5	8 4	PHY 111, 112, 113, 114 PHY 111, 113
Political Thought-standard level	any	0	No credit

Psychology-standard level	7, 6, 5 or 4	3	PSY DEC*
Psychology-high level	7, 6, 5	3	PGS 101 or PSY 101
Social and Cultural Anthropology-standard level	7, 6 or 5	3	ASB DEC*
Social and Cultural Anthropology-high level	7, 6, 5 or 4	3	ASB 102
Spanish B-standard level	any	0	No credit
Spanish B-high level	7 6 5 4	16 12 8 4	SPA 101, 102, 201, 202 SPA 101, 102, 201 SPA 101, 102 SPA 101
Sports, Exercise and Health Science-standard level	7, 6 or 5	3	HEP 100
Sports, Exercise and Health Science-high level	7, 6, 5 or 4	3	HEP 100
Theory and Knowledge	7, 6, 5 or 4	0	No credit
Theatre-standard level	7, 6, 5 or 4	3	THE 100
Theatre-high level	7, 6, 5 or 4	3	THE 100
Visual Arts-standard level	7, 6 or 5 4	6 3	ART 111 and ART DEC* ART 111
Visual Arts-high-level	7, 6 or 5 4	6 3	ART 111, 113 ART 113
World Religions-standard level	7, 6 or 5 4	3 0	REL DEC* No credit

*Credit awarded as a department elective displays as DEC. A DEC course is not directly equivalent to a current ASU course but could be used to satisfy graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

** No credit is awarded if the language is the student's native language.

Cambridge International exam

Students who have completed a Cambridge course in their secondary school and who have taken a Cambridge International AS or A level examination may receive university credit. When the scores are received by the university, credit is awarded as shown in the Cambridge International exam table below.

*Credit awarded as a department elective displays as DEC. A DEC course is not directly equivalent to a current ASU course but could be used to satisfy graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

Examination	Score	ASU score translation	Credit hours	Equivalency
Accounting AS-Level	E or better	1–5	3	Elective credit
Accounting A-Level	E or better	1–5	6	Elective credit
Art and Design AS-Level**	E or better	1–5	3	ART DEC*
Art and Design A-Level**	E or better	1–5	6	ART DEC*
Biology AS-Level	D or better E	2–5 1	4 4	BIO 100 or BIO DEC* BIO 100
Biology A-Level	D or better E	2–5 1	8 4	BIO 181, 182 BIO 181
Business Studies AS-Level	E or better	1–5	3	Elective credit
Business Studies A-Level	E or better	1–5	6	Elective credit
Chemistry AS-Level	D or better	2–5	4	CHM 101
Chemistry A-Level	A B or C D or E	5 4 or 3 2 or 1	8 4 4	CHM 113, 116 CHM 113 CHM 101
Chinese Language AS-Level	C or better	3–5	5	CHI 101
Chinese A-Level	C or better	3–5	10	CHI 101, 102
Computer Science AS-Level	E or better	1–5	3	IFT 100
Computer Science A-Level	E or better	1–5	3	CSE 100 or CSE 110 or IFT 100
Design and Technology AS-Level	E or better	1–5	0	No credit
Design and Technology A-Level	E or better	1–5	0	No credit

Design and Textiles AS-Level	E or better	1–5	3	FSH 201
Design and Textiles A-Level	E or better	1–5	6	FSH 201 and FSH DEC*
Digital Media and Design AS-Level	C or better	3–5	3	ART DEC*
Digital Media and Design A-Level	E or better	1–5	3	ART 116
Drama AS-Level	C or better	3–5	3	THE 100
Drama A-Level	C or better	3–5	6	THE 100 and THE DEC*
Economics AS-Level	E or better	1–5	0	No credit
Economics A-Level	D or better	2–5	6	ECN 211, 212
English Language AS-Level	E or better	1–5	0	No credit
English Language A-Level	E or better	1–5	3	Placement into ENG 105 and elective credits (3)
English Literature AS-Level	E or better	1–5	0	No credit
English Literature A-Level	E or better	1–5	3	ENG DEC*
Environmental Management AS-Level	D or better	2–5	4	BIO 130
Food Studies AS-Level	E or better	1–5	0	No credit
French Language AS-Level	C or better E or better	3–5 1–5	4 4	FRE 101 No credit
French A-Level	C or better	3–5	8	FRE 101, 102
General Paper (Writing) AS-Level	E or better	1–5	3	Placement into ENG 105 and elective credits (3)
German Language AS-Level	C or better	3–5	4	GER 101

German A-Level	C or better D or E	3–5 2 or 1	8 0	GER 101, 102 No credit
Geography AS-Level	E or better	1–5	3	GCU DEC*
Geography A-Level	E or better	1–5	6	GCU 102 and GPH DEC*
Global Perspectives and Research AS-Level	E or better	1–5	3	Elective credit
Global Perspectives and Research A-Level	E or better	1–5	6	Elective credit
History AS-Level	E or better	1–5	3	HST DEC*
History A-Level	E or better	1–5	6	HST DEC*
Information Technology AS-Level	E or better	1–5	3	Elective credit
Information Technology A-Level	E or better	1–5	3	Elective credit
Marine Science AS-Level	E or better	1–5	0	No credit
Marine Science A-Level	E or better	1–5	0	No credit
Mathematics AS-Level	E or better	1–5	3	MAT 117
Mathematics A-Level	E or better	1–5	3 to 4	MAT 170 or 171
Mathematics-Further AS-Level	E or better	1–5	4	MAT 270
Mathematics-Further A-Level	E or better	1–5	8	MAT 270, 271
Media Studies AS-Level	E or better	1–5	8	No credit
Media Studies A-Level	E or better	1–5	3	FMP 201
Music AS-Level	E or better	1–5	3	MUS DEC*

Music A-Level	E or better	1–5	3	MUS DEC*
Physical Science AS-Level	E or better	1–5	3	Elective credit
Physics AS-Level	E or better	1–5	0	No credit
Physics A-Level	E or better	1–5	8	PHY 111, 112, 113, 114
Portuguese - Language AS-Level	C or better	3–5	4	POR 101
Portuguese A-Level	C or better	3–5	8	POR 101, 102
Psychology AS-Level	E or better	1–5	3	PSY 101
Psychology A-Level	E or better	1–5	6	PSY 101 and PSY DEC*
Sociology AS-Level	E or better	1–5	0	No credit
Sociology A-Level	E or better	1–5	0	No credit
Spanish First Language AS-Level	C or better	3–5	4	SPA 101
Spanish Language AS-Level	C or better	3–5	4	SPA 101
Spanish A-Level	C or better	3–5	8	SPA 101, 102
Thinking Skills AS-Level	E or better	1–5	3	Elective credit
Thinking Skills A-Level	E or better	1–5	6	Elective credit
Travel and Tourism AS-Level	E or better	1–5	3	TDM 205
Travel and Tourism A-Level	E or better	1–5	6	TDM 205 and TDM DEC*

*Credit awarded as a department elective displays as DEC. A DEC course is not directly equivalent to a current ASU course but could be used to satisfy graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

**Credit awarded depends on the content of the course completed; students should see an advisor once admitted.

Comprehensive examinations

A comprehensive examination is intended to permit a student to establish academic credit in a field in which the student has gained experience or competence equivalent to an established university course. Applications are given only for courses listed in the current catalog and only for courses in which a comprehensive examination can serve as a satisfactory measure of accomplishment.

A number of restrictions apply. To be eligible to apply to take a comprehensive examination to establish undergraduate course equivalence, a student must:

1. have earned not more than 60 credit hours through comprehensive, CLEP, International Baccalaureate and Advanced Placement examinations
2. have earned no credit for a duplicate course
3. have earned no credit for a course for which this course is a prerequisite

The decision on the suitability of course material for a comprehensive examination, the development of a comprehensive examination, and the administration of an examination are strictly departmental functions. An application is for one course only. The student should complete an application form with the number, title and number of credit hours for the course. When completed, the application must be approved by the student's advisor and the chairperson of the department responsible for offering the course.

The student must then pay the stated fee for such examinations at cashiering services. The receipt must be taken to the departmental office.

The examination is prepared by the instructor who normally conducts the course, and it is comprehensive in nature and scope. The instructor and other experts designated by the chairperson grade the examination using letter grades "A+", "A", "A-", "B+", "B", "B-", "C+", "C", "D" or "E". If the grade is "C" or higher, a mark of "Y" is entered on the student's permanent record; otherwise, no entry is made. Credit by examination is indicated as such on the record. The student is notified by mail of the result of the examination. In cases of failure ("D" or "E"), the student is not given an opportunity to repeat the examination.

A student pursuing a second baccalaureate degree may not receive credit by comprehensive examination, but with prior approval of the college, the student may use the examination to waive a course requirement if a grade of "C" or higher is earned.

Proficiency examinations

Proficiency examinations and auditions are given:

1. to waive a course requirement
2. to validate certain transfer credits in professional programs
3. to determine a student's ability in a field in which competence is an important consideration

Detailed information may be obtained from the dean's office of the college in which the student is registered.

Source URL: https://catalog.asu.edu/credit_exam

Links:
[1] https://transferguide.apps.asu.edu/app/home
[2] https://catalog.asu.edu/test_req
[3] https://uoeee.asu.edu/exam/clep
[4] https://uoeee.asu.edu/testing
[5] https://uoeee.asu.edu/exam/dsst

Leave of absence (undergraduate)

The Undergraduate Leave of Absence (LOA) policy assists and encourages undergraduate degree-seeking students to return and graduate after an absence due to military deployment, service on an official church mission or with a foreign aid service of the Federal government, or a permanent disability. If your absence is for any other reason, you may be eligible to return to ASU through Quick Re-entry [1], which permits undergraduate students to enroll without submitting a new application or application fee if they previously attended ASU but have not enrolled at ASU for up to seven consecutive fall or spring semesters.

Eligibility requirements

To be eligible for an Undergraduate LOA, students must be eligible to register for classes and meet the following criteria:

1. Be a degree-seeking undergraduate student.
2. Be registered during the semester immediately prior to the beginning of the LOA.
    - Students who were admitted as new first semester freshmen or transfer students but did not attend will not be eligible for an LOA. Instead, they should contact the Undergraduate Admissions office.
    - Students who were readmitted but did not attend will not be eligible for an LOA. Instead, they should contact the Undergraduate Admissions office.
    - Students who are participating in an ASU-sponsored study abroad program need not apply for an LOA.
3. Be in academic good standing, warning, probation, or continuing probation with their college.
4. Have no hold (e.g., disciplinary, financial, testing, etc.) which would restrict registration. *Note: Students with financial holds may be given consideration for an LOA if authorized by the Collections Office* [2].
5. Have submitted any outstanding high school and/or transfer transcripts, if prior admission/readmission and continued enrollment was contingent upon receipt of those transcripts.

Download the Undergraduate Leave of Absence Request [3] form

Leave of absence FAQ's

Information for students returning from a Leave of Absence.

Am I able to view my unofficial transcripts?
Yes. Student can view their unofficial transcripts through their My ASU [4] page.

Can I attend another institution while on an LOA?
Yes. Once all coursework is complete and graded, please request official transcripts to be sent directly from the transfer institution to ASU at the following address:

Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

Can I come back earlier than what my original LOA was processed for?
Yes. If you wish to return to ASU prior to the end of your scheduled leave you will need to contact University Registrar Services at 480-965-3124 so that your return may be updated immediately to maximize enrollment opportunities and meet any college, financial aid, etc. deadlines.

Can I request an extension of my LOA?
Yes. If you are unable to return to ASU by the term you initially identified, then you may request an extension through the college of your major. To extend your LOA, please complete the LOA form [3] and submit to your college for approval.

How will the university inform me regarding upcoming enrollment, deadlines and holds that may occur while on I'm on an LOA?
We recommend checking your My ASU [4] page often during your LOA so that you may stay informed about registration dates, financial aid and tuition deadlines and advising holds that may occur prior to the end of your leave.

If I qualify for an LOA, does this defer my scholarship?
No. In order to request a deferment of your scholarship, you will need to complete the Scholarship Deferment Application [5] found on the Scholarship website. To have your scholarship reinstated after the deferment period, you will need to complete the Scholarship Reinstatement Request [6] form.

My LOA is about to expire; what do I do now?
View your registration date as well as any current registration holds and "To Do" list items on My ASU [4]. Schedule an appointment with your advisor to discuss course selection. Submit transcripts for coursework you completed during your LOA.

Will my loans be deferred while on an LOA?
No. In order to defer loans, students must be currently enrolled. While the LOA keeps student records up to date, it does not allow for deferment. Please contact your lender for more information.

Enrollment Request Forms [7]
Contact University Registrar Services [8]

Source URL: https://registrar.asu.edu/leave-absence

Links:
[1] https://admission.asu.edu/undergrad/readmission
[2] https://tuition.asu.edu/contact
[3] https://registrar.asu.edu/sites/default/files/undergraduate_leave_of_absence_request_2.11.2020.pdf
[4] http://my.asu.edu/
[5] https://tuition.asu.edu/forms/scholarship-deferment-application
[6] https://tuition.asu.edu/forms/scholarship-reinstatement
[7] https://registrar.asu.edu/forms/registration
[8] https://registrar.asu.edu/contact/office-university-registrar

Minors and undergraduate certificates

Minors and certificates are available to currently enrolled students pursuing a bachelor's degree in a variety of academic disciplines. Students pursuing an associate degree may pursue only certificates simultaneously. Students can explore Degree Search [1] for more information on and enrollment requirements for available minors and certificates, as well as request to add one to their program of study.

Minors

A minor is an approved, coherent concentration of academic study in a single discipline, involving substantially fewer hours of credit than a corresponding major. Most ASU colleges offer undergraduate minors in addition to majors.

Current ASU students seeking a bachelor's degree may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Minors require students to complete a minimum of 15 credit hours, of which, at least nine must be from upper-division courses.

Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

A student pursuing a second baccalaureate degree in the same discipline as a minor previously conferred by ASU will have that minor removed from the original academic record upon completion of the second degree.

Undergraduate certificates

With the exception of special programs, undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding a baccalaureate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Undergraduate certificates require students to complete a minimum of 15 credit hours, of which, at least 12 must be from upper-division courses, and a minimum grade of "C" (2.00) or higher is required for all upper-division certificate courses.

The Pathways for the Future [2] program offers upskilling options through select ASU certificate programs for professionals without a bachelor's degree.

Source URL: https://catalog.asu.edu/minors

Links:
[1] https://degrees.apps.asu.edu/minors
[2] https://pff.asu.edu/

Placement and testing requirements

English placement

All students must meet the university first-year composition requirement through completion of both ENG 101 and ENG 102 or ENG 105 with a grade of "C" (2.00) or higher. Students whose native language is not English should complete ENG 107 and ENG 108 to satisfy this requirement.

Math placement

Before attending orientation and enrolling in classes, incoming first-year students must complete the ASU mathematics placement assessment [1]. ASU uses the placement assessment score and major math requirements [2] to identify the appropriate math course for students' math skills and academic goals.

Source URL: https://catalog.asu.edu/test_req

Links:
[1] https://students.asu.edu/math
[2] https://catalog.asu.edu/ug_math

Retention and academic standards

Class standing

A student's class standing is determined by the number of credit hours earned, as shown in the table below.

Student	Credit hours earned
Freshman	24 or fewer credit hours earned
Sophomore	25 to 55 credit hours earned
Junior	56 to 86 credit hours earned
Senior	87 or more credit hours earned
Graduate	bachelor's degree from accredited institution

Academic good standing

For the purpose of retention, university academic good standing [1] for degree-seeking students is defined as maintaining a minimum cumulative GPA of 2.00. This standard is in effect for all students regardless of catalog year.

Academic warning

An ASU student who does not achieve the minimum GPA standard at the completion of the first term of study receives an academic warning [2]. If, after one term with an academic warning, a student still does not achieve the minimum GPA standard, the student is placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not the student's first term at ASU, the student is placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning or on academic probation is considered in conditional good standing and is permitted to enroll.

A student who has received an academic warning or is on probation must meet with an academic success advisor to discuss academic success strategies for the subsequent semester and develop a success plan for returning to university academic good standing. That plan may require successful completion of the academic refresher course UNI 220 Mindset Connections.

Dean’s list

Undergraduate students are eligible for the dean’s list if they earn 12 or more graded credit hours (“A+”, “A”, “A-”, “B+”, “B”, “B-”, “C+”, “C”, “D” or “E”) during a semester in residence at ASU with a GPA of 3.50 or higher. A notation regarding dean’s list achievement appears on the unofficial transcript. The dean's list is generated at the completion of the fall and spring semesters.

Satisfactory academic progress

The university is required to publish and enforce standards of satisfactory academic progress for certain students (e.g., student-athletes, students receiving financial aid, students receiving veterans benefits).

Certification of satisfactory progress for student-athletes is verified by the academic advisor and the dean’s designee for certifying satisfactory progress. Certification of satisfactory progress [3] for students receiving financial aid or veterans benefits is verified by Financial Aid and Scholarship Services or the Pat Tillman Veterans Center, respectively. Students should contact their advisors or the appropriate office for additional information on satisfactory progress requirements.

Probation

A student’s college assumes responsibility for enforcing academic standards and may place on university academic probation [4] any student who has failed to maintain good standing as previously defined. For purposes of probation and retention, an individual college may set higher GPA standards. A student on academic probation is required to observe

any rules or limitations the college may impose as a condition for retention, including college-established policies regarding continuing probation.

Co-enrolled continuing probation program

Select disqualified students may participate in the co-enrolled continuing probation program at the discretion of their college or school. Under this program, the student takes UNI 220 Mindset Connections plus one ASU course selected by the student's advisor. The student co-enrolls at a Maricopa County Community College with a schedule selected in consultation with the ASU advisor. Upon completion of the term, students with a combined semester cumulative GPA of 2.50 may continue regular enrollment at ASU. Parameters regarding the number of co-enrolled hours required are at the discretion of each college or school.

Disqualification

A student who is placed on probation at the end of a semester is subject to disqualification [5] by the college or school at the end of the following semester if the conditions imposed for retention are not met.

Disqualification is exercised at the discretion of the college or school. A student is notified of disqualification by the dean of the college and is not allowed to register in a fall or spring semester at the university. If the student has already registered for a future fall or spring semester, the registration is canceled. A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible. A disqualified student may not attend as a nondegree-seeking student. If a disqualified student elects to attend another university or two-year college, any credits earned there will not affect the ASU cumulative GPA. A course repeated elsewhere will not result in a replacement of a grade earned at ASU. Disqualified students must consult with an academic advisor to determine eligibility to attend ASU in the summer session in order to raise their ASU cumulative GPA.

Select disqualified students may participate in the co-enrolled continuing probation program. Information about this is available in the Glossary of Academic Terms, at probation [4].

Readmission

Students not eligible for quick re-entry [6] (i.e., because they have not been enrolled at ASU for more than seven semesters, completed their academic program, or were academically disqualified) must apply for readmission [7] and submit applicable fees.

Candidates for readmission who are not in academic good standing are subject to college review.

A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible.

Academic integrity

All students should be familiar with ASU's academic integrity policy [8].

Source URL: https://catalog.asu.edu/retention_standing

Links:
[1] https://catalog.asu.edu/glossary#goodstanding
[2] https://catalog.asu.edu/glossary#warning
[3] https://catalog.asu.edu/glossary#progress
[4] https://catalog.asu.edu/glossary#probation
[5] https://catalog.asu.edu/glossary#disqualified
[6] https://catalog.asu.edu/glossary#quickreentry
[7] https://admission.asu.edu/undergrad/readmission
[8] https://provost.asu.edu/academic-integrity

University undergraduate General Studies requirement

In addition to preparing students for careers and advanced study, a baccalaureate education should prepare students for satisfying personal, social and civic lives. Students should both acquire a depth of knowledge in a particular academic or professional discipline and be broadly educated, with knowledge of interdisciplinary and transdisciplinary approaches to address an array of questions. They should develop the general intellectual skills required to continue learning throughout their lives. The ASU general studies requirements complement the undergraduate major by developing critical learning skills, investigating the traditional branches of knowledge, and introducing students to approaches applicable to addressing contemporary challenges.

Students in a 2024–2025 catalog year and beyond - General Studies Gold

Effective fall 2024, ASU undergraduate students are required to complete the General Studies Gold requirements. Students who began their degree at ASU before fall 2024 and are in a catalog year preceding 2024–2025, are required to complete the General Studies Maroon [1] requirements. More information about what these changes mean and answers to some frequently asked questions are available on the Provost general studies [2] page.

The degree requirements for a student's catalog year are displayed on their major map or curriculum checksheet. For more information on the determination of catalog year, students should reference the undergraduate graduation requirements [3].

General Studies Gold includes courses in nine required categories. Courses that fulfill each category are noted in the course catalog [4]. General studies courses are regularly reviewed and are occasionally changed. A student receives the general studies credit that a course carries during the semester in which the course is taken. Students should consult the course catalog [4] each semester to determine which courses meet general studies requirements.

General Studies Gold requirements

Humanities, Arts and Design (six credit hours - two courses)

The humanities explore questions of human existence and meaning, the nature of thinking and knowing, and moral and aesthetic experience. Humanities reflect on values of all kinds and seek to make the human mind more analytical, contemplative and expansive. They are often concerned with the study of textual and artistic practices of cultures, such as traditions in literature, philosophy, religion, ethics, history and aesthetics; the humanities also explore human thought and action and their application to human environments. They deepen awareness of the breadth of human heritages, traditions and histories; build literacy and critical thinking skills in evidence analysis and argumentation; and implicitly or explicitly promote the application of this knowledge to contemporary societies.

The study of arts and design deepens awareness of human societies and cultures. The arts have as a primary purpose the creation and study of objects, installations, performances and other means of expressing or conveying aesthetic concepts and ideas. Design study concerns itself with material objects, images and spaces; their historical development; and their significance in society and culture. Disciplines in the arts and design often employ nonverbal modes of thought and communication, and courses in these areas tend to focus on sounds, objects, images and structures, or on the practical techniques and historical development of, and innovation in, artistic and design traditions.

Learning outcomes

Upon completion of a course in Humanities, Arts and Design, students will be able to complete all outcomes in one of the two following groups.

Group 1:

1. analyze cultural creations or practices in historical or contemporary context
2. interpret the formal, aesthetic and creative elements in literary, visual or cultural texts
3. articulate relationships among tradition, innovation, individual creativity and communal expression in cultural creations or practices
4. communicate narratives, ideas or arguments using such elements as evidence, creativity and critical thinking

Group 2:

1. analyze cultural, political or social practices, texts or discourses in historical or contemporary context
2. communicate coherent arguments or narratives using evidence drawn from qualitative or quantitative sources
3. identify perspectives or values as manifested in a given philosophical or religious framework or a given historical or cultural context

Social and Behavioral Sciences (three credit hours)

Courses in social sciences and behavioral sciences expose students to the systematic investigation of human institutions, relationships, social structures, behavior, emotions, communication and health. Students learn about evidence, methods and approaches that social and behavioral scientists use to analyze, understand and describe human activities, experiences and systems. They learn how social scientists and behavioral scientists conduct research, how they disseminate their findings, and how the findings from social and behavioral science can be used in the pursuit of individual, societal and policy goals.

Learning outcomes

Upon completion of a course in Social and Behavioral Sciences, students will be able to do the following:

1. utilize behavioral or social science approaches, qualitative or quantitative, to examine aspects of human experiences or explain social or behavioral phenomena
2. describe the strengths and limitations of behavioral or social science methods in predicting or understanding human behavior
3. communicate coherent arguments using evidence drawn from qualitative or quantitative sources

Scientific Thinking in Natural Sciences (eight credit hours - two courses)

Courses in scientific thinking in natural sciences promote public scientific literacy, which is critical for making sound decisions about scientifically infused issues such as climate change. Scientific thinking in natural sciences includes understanding basic science concepts, such as the fundamental behavior of matter and energy, as well as understanding that science is not an encyclopedic collection of facts. Science is a process of exploration that embraces curiosity, inquiry, testing and communication to reduce uncertainty about nature. In Scientific Thinking in the Natural Sciences courses, students engage in the scientific process through lab experiences.

Learning outcomes

Upon completion of a course in Scientific Thinking in the Natural Sciences, students will be able to do the following:

1. obtain and interpret qualitative or quantitative data and communicate the findings
2. employ evidence to construct and test scientific hypotheses

3. assess the validity of scientific claims using evidence from biological or physical science
4. create models to explain observable phenomena and understand biological or physical processes in the natural world
5. communicate coherent arguments using evidence drawn from qualitative or quantitative sources

Quantitative Reasoning (three credit hours)

Quantitative and computational reasoning skills are essential for success in modern careers, for critically evaluating information in the age of "big data," for assessing the quality of arguments conveyed through digital media, for informed participation in community and social life, and for contributing to the formulation of effective solutions for achieving a sustainable and just future. Quantitative reasoning enables students to apply relevant mathematical, statistical, computational and visualization methods in academic, social and personal settings.

In a Quantitative Reasoning course, students learn about data, data management, data summaries, data visualization, and the use of computational tools with data. Data can take many forms, including numerical data, textual data and images. Students also learn about how quantitative reasoning can be used to make arguments clear, precise and verifiable. Finally, they learn to build quantitative models, make predictions, and communicate their findings based on available data. This may include some combination of mathematical, statistical, computational or network models, or visualizations.

Learning outcomes

Upon completion of a course in Quantitative Reasoning, students will be able to do the following:

1. understand variables, measurement and data, including how they can be used to pose and answer questions about society and nature, and to manipulate, organize, classify and visualize quantitative data
2. evaluate arguments from everyday life or academic fields of study that are represented mathematically, statistically or computationally, or in visualizations
3. formulate hypotheses, mathematical models or narratives that are consistent with quantitative data
4. communicate how quantitative data, interpretations or models are connected to outcomes, predictions, decisions, explanations or future states
5. effectively employ one or more digital tools to demonstrate quantitative reasoning, interpretations of calculations, or the creation and evaluation of visualizations

Mathematics (three credit hours)

The Mathematics studies requirement is intended to ensure that students have skill in basic mathematics and can use mathematical analysis in their chosen field of study. The mathematics requirement requires the student to complete a course in college mathematics, college algebra or precalculus, or demonstrate a higher level of skill by completing a mathematics course for which a course in the above three categories is a prerequisite. A course in mathematics includes the application of mathematical skills in the solution of real-life problems and introduces or makes significant use of fundamental mathematical skills and concepts.

Learning outcomes

Upon completion of a course in Mathematics, students will be able to do the following:

1. demonstrate an understanding of mathematical relationships from multiple perspectives, such as functions from graphical, numerical and analytic points of view
2. apply mathematical skills in the solution of real-life problems

American Institutions (three credit hours)

In each American Institutions course, students discuss people, ideas, institutions, movements and structural forces that have created and transformed the United States. Students analyze struggles over the meaning of America’s constitutional democracy. Throughout the course, students analyze a wide variety of sources drawn from both past and present, and contemplate American history, ideals and institutions in global as well as national contexts. In doing so, students refine their ability to make and evaluate reasoned arguments, engage in civil debate, and participate constructively in civic life.

Learning outcomes

Upon completion of a course in American Institutions, students will be able to do the following:

1. demonstrate how ideas and groups have historically shaped the creation of and change in U.S. institutions.
2. identify key institutions in U.S. politics and their impacts on social, economic or political outcomes. This includes differential impacts on disparate communities.
3. describe the impact of key ideas, people, events, institutions or movements on the nature, history and boundaries of American citizenship and the various forms of civic participation in a self-governing society.
4. communicate coherent arguments using evidence drawn from qualitative or quantitative sources.

To achieve these goals, students must be exposed to the following knowledge or sources:

- principles of American constitutional democracy and how they are applied under a republican form of government
- the U.S. Constitution and major American constitutional debates
- founding documents that have shaped American institutions
- landmark policy achievements and Supreme Court cases
- economic knowledge necessary to assess policy options affecting both the public and private sectors
- international context of American institutions and the evolution of America's role in international affairs

Governance and Civic Engagement (three credit hours)

Courses in the Governance and Civic Engagement category explore ways in which humans confront the dilemmas and opportunities of community life and develop skills of civic communication.

Governance and Civic Engagement courses analyze principles and practices of decision-making in historical and contemporary contexts, and explore ways in which people have defined and pursued justice and the common good. Courses in the Governance and Civic Engagement category broaden students' understanding of how collective decisions are made, how they impact communities positively or negatively, and how various groups are included in, or excluded from, the decision-making process. Students have the opportunity to explore dynamics between governance and civic engagement, which can include perceived inequality or marginalization related to a variety of factors including race, class, citizenship, gender and disability. This category also develops students' skills in civic communication, including listening, deliberation, negotiation, consensus building and productive use of conflict, which are essential to participating more fully in their communities. Courses in this category may be entirely focused on developing skills in civic communication.

Learning outcomes

Upon completion of a course in Governance and Civic Engagement, students will be able to complete all outcomes in one of the two following groups.

Group 1:

1. analyze the context and consequences of one or more collective decision-making theories or practices
2. define an element of the common good and propose a way to pursue it within a specific contemporary context
3. communicate coherent arguments using evidence drawn from qualitative or quantitative sources

Group 2:

1. articulate diverse perspectives on the common or collective good
2. demonstrate the ability to collaborate effectively in the presence of dissenting opinions and experiences
3. communicate arguments, narratives or information using qualitative or quantitative evidence

Global Communities, Societies and Individuals (three credit hours)

Courses in the Global Communities, Societies and Individuals knowledge area explore the world from multiple vantage points. They consider historical, ongoing or transforming global issues across multiple scales and types of human experiences. Students analyze ways that geographical and historical contexts influence communities, societies and individuals. In addition to courses focused entirely on non-U.S. American issues, courses structured to include comparative or transnational connections between the United States and other countries (i.e., courses that consider a global issue in multiple locations one of which is the United States) fall into this knowledge area. Courses focused mostly or only on U.S. American issues or populations, however, even across diverse communities, are not included in this

knowledge area. This knowledge area develops students' skills in global awareness and in the analysis of social, political, economic or cultural systems, skills essential to participating more fully in communities.

Learning outcomes

Upon completion of a course in Global Communities, Societies and Individuals, students will be able to do the following:

1. describe historical, contemporary or transforming global issues through the perspective of specific individuals, communities or societies
2. analyze the interactions among social, political, economic or cultural systems across local, regional and global scales or spaces
3. articulate ways in which dimensions of difference such as race, gender, socioeconomic status, religion, language or citizenship, separately and together, affect individuals and communities
4. communicate coherent arguments using evidence drawn from qualitative or quantitative sources

Sustainability (three credit hours)

The Sustainability requirement provides students with an interdisciplinary understanding of socio-ecological systems in relation to global challenges and opportunities. The learning objectives emphasize systems thinking, where human and non-human systems are understood as intimately connected, with human actions affecting all life on a planet with limits and boundaries. Students should also become familiar with how cultural, political, economic, social and ethical beliefs, practices and systems are related to and impact planetary systems. Students use course concepts and systems and futures thinking to address contemporary questions or challenges.

Learning outcomes

Upon completion of a course in Sustainability, students will be able to do the following:

1. demonstrate an understanding of the Earth and its ecosphere, including the measures that indicate their capacities and limits
2. trace historical impacts of a range of socioeconomic, political or cultural choices on integrated human-environmental well-being
3. envision pathways toward futures characterized by integrated human-environmental well-being
4. articulate an approach to addressing contemporary questions or challenges that employs concepts or practices of sustainability

Meeting the general studies requirement

All students enrolled in a baccalaureate or associate degree program must successfully complete a minimum of 35 credit hours of approved general studies courses.

There is no limit to the number of Advanced Placement [5] credits that can be used to meet the general studies requirement. Credits earned through College-Level Examination Program [6] may be applied to General Studies Gold requirements, with the exception of Scientific Thinking in Natural Sciences. A student pursuing a bachelor's degree may earn no more than 60 hours of credit by examination, including ASU comprehensive and proficiency exams, for any or all programs. A student pursuing an associate degree may earn no more than 30 hours of credit by examination, including ASU comprehensive and proficiency exams, for any or all programs.

Transfer credit

Completion of general studies and composition requirements, as documented on an official transcript from regionally accredited institutions of higher education within the United States fulfills ASU's General Studies Gold and first-year composition requirements. Certification of completed general studies includes completion of a general education package recognized by ASU, an Associate of Arts degree, a bachelor's degree or comparable. General studies packages and recognized degrees do not waive program requirements and prerequisites within major and minor areas of study.

Transfer students without completed and documented general education packages or degrees receive credit for general studies based on course-by-course equivalency. Students transferring from Arizona community colleges should see the Arizona General Education Curriculum [7] page for more information.

University requirements — first year composition

In addition to the 35 credit hours of General Studies coursework, students must complete, per university graduation requirements [8], ENG 101 and ENG 102, or ENG 105 with a grade of "C" (2.00) or higher to graduate from ASU in any baccalaureate or associate degree program. Students whose native language is not English may meet the first-year composition requirement by completing ENG 107 and 108 with a grade of "C" (2.00) or higher.

Students who are required to take first year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

College or school and major requirements

In addition to fulfilling the general studies requirement, students must also complete college or school and major requirements. Students are encouraged to work with their academic advisors to develop a program of study that efficiently meets all graduation requirements. A well-planned program should enable a student to concurrently satisfy requirements at the university, college or school levels, and within their major.

Students in catalog years before Fall 2024 — General Studies Maroon

In effect for students who began their degree program at ASU before fall 2024 and are in a catalog year before 2024-2025, the General Studies Maroon requirements include courses in five core areas and three awareness areas. Relevant courses are noted in the course catalog [4]. Effective fall 2024, new General Studies Maroon courses are no longer being added to the course catalog. General Studies Maroon courses retain their general studies designations to ensure that students can complete their degree requirements. A student receives the general studies credit that a course carries during the semester in which the course is taken. Students should consult the course catalog [4] each semester to determine which courses meet general studies requirements.

Five core areas (General Studies Maroon)

L: Literacy and Critical Inquiry (three credit hours)

Literacy is competence in written and oral discourse. Critical inquiry is the gathering, interpretation and evaluation of evidence. The Literacy and Critical Inquiry requirement helps students sustain and extend their ability to reason critically and communicate clearly through language.

Students must complete three credit hours from courses designated as L. Students must have completed ENG 101, ENG 105 or ENG 107 to take an L course.

The three credit hours required to meet the general studies L requirement are in addition to the upper-division L university graduation requirement. Students should review the university baccalaureate graduation requirements [8] for more information.

MA and CS: Mathematical Studies (combined six credit hours)

This core area has two categories. Mathematics (MA) is the acquisition of essential skills in basic mathematics. Computer/statistics/quantitative applications (CS) involves applying mathematical reasoning and requires students to complete a course in either the use of statistics and quantitative analysis or the use of a computer to assist in serious analytical math work.

The Mathematical Studies requirement has two parts: At least three credit hours must be selected from courses designated MA, and at least three credit hours must be selected from courses designated CS. All students are expected to fulfill the MA requirement by the time they accumulate 30 credit hours in residence at ASU. Any student who has more than 30 hours of resident ASU credit and has not fulfilled the MA requirement must enroll in an MA course or an appropriate prerequisite and continue to do so every semester until the mathematics requirement is met. College officers may grant waivers to the immediate and continual enrollment requirement only when there are scheduling conflicts detrimental to the student's academic progress.

HU: Humanities, Arts and Design and
SB: Social-behavioral Sciences (combined 12 credit hours)

The study of the humanities and the disciplines of art and design deepen awareness of the complexities of the human condition and its diverse histories and cultures. Courses in the humanities are devoted to the productions of human thought and imagination, particularly in philosophical, historical, religious and artistic traditions. Courses with an emphasis in arts and design comprise the study of aesthetic experiences and the processes of artistic creation. They also may feature a design emphasis in which material culture is studied as a product of human thought and imagination.

The social-behavioral sciences provide scientific methods of inquiry and empirical knowledge about human behavior, within society and individually. The forms of study may be cultural, economic, geographic, historical, linguistic, political, psychological or social. The courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a world of diminishing economic, linguistic, military, political and social distance.

Twelve credit hours must be completed in two core areas: Humanities, Arts and Design (HU) and Social-behavioral Sciences (SB). At least six credit hours must be taken in each of these two core areas.

The 12 credit hours required to meet the general studies HU/SB requirement are in addition to the upper-division HU/SB university graduation requirement. Students should review the university baccalaureate graduation requirements [8] for more information.

SQ and SG: Natural Sciences (combined eight credit hours)

The natural sciences help students appreciate the scope and limitations of science and its contributions to society. Natural Sciences areas of study include anthropology, astronomy, biology, biochemistry, chemistry, experimental psychology, geology, microbiology, physical geography, physics and plant biology. Knowledge of the methods of scientific inquiry and mastery of basic scientific principles and concepts are stressed, specifically those that relate to matter and energy in living and nonliving systems. Firsthand exposure to scientific phenomena in the laboratory is important for developing an understanding of the concepts, principles and vocabulary of science.

General studies courses that satisfy the Natural Sciences requirement are given one of two classifications: quantitative (SQ) and general (SG).

- quantitative (SQ): These laboratory courses include a substantial introduction to the fundamental behavior of matter and energy in physical and biological systems.
- general (SG): These laboratory courses cover aspects of scientific inquiry that lend themselves to more qualitative or descriptive discussions of science.

Students must select eight credit hours of courses designated SQ or SG. Of these, at least four credit hours must be in the SQ category.

Three awareness areas (general studies)

Students must complete courses that satisfy three awareness areas. Courses that are listed for a core area and one or more awareness areas may satisfy requirements concurrently, up to a maximum of two of the awareness areas listed for that course. These awareness areas promote appreciation of cultural diversity within the contemporary U.S., the development of an international perspective and an understanding of current human events through study of the past.

1. Cultural Diversity in the United States (C)

The objective of the Cultural Diversity in the United States (C) requirement is to promote awareness and appreciation of cultural diversity within the contemporary U.S. This is accomplished through the study of the cultural, social or scientific contributions of women and minority groups, examination of their experiences in the U.S., or exploration of successful or unsuccessful interactions between and among cultural groups. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present and future and also help students achieve greater mutual understanding and respect.

2. Global Awareness (G)

The objective of the Global Awareness (G) requirement is to help students recognize the need for an understanding of the values, elements and social processes of cultures other than those of the U.S. This area consists of courses that recognize other contemporary cultures and the relationship of the American cultural system to generic human goals and welfare.

3. Historical Awareness (H)

The objective of the Historical Awareness (H) requirement is to help students develop knowledge of the past, which can be useful in shaping the present and future. History is present in languages, art, music, literature, philosophy, religion and the natural sciences, as well as in the social science traditionally called history.

Meeting the general studies requirement

All students enrolled in a baccalaureate or associate degree program must successfully complete a minimum of 29 credit hours of approved general studies courses. Many general studies courses are approved as satisfying more than one requirement. The following conditions govern the application of courses toward the general studies requirements:

- A single course may be used to satisfy one core area and a maximum of two awareness area requirements.
- A single course may be used to satisfy a maximum of two awareness area requirements.
- A single course cannot be used to satisfy two core area requirements, even if it is approved for more than one core area.

There is no limit to the number of Advanced Placement [5] or College-Level Examination Program [6] credits that can be used to meet the general studies requirement. However, CLEP credits do not satisfy the Natural Sciences (SQ and SG) or Literacy and Critical Inquiry (L) portions of the General Studies Maroon requirements.

Transfer credit

Completion of general studies and composition requirements as documented on an official transcript from regionally accredited institutions of higher education within the United States fulfills ASU's lower-division General Studies Maroon and first-year composition requirements. Certification of completed general studies includes completion of a general education package recognized by ASU, an Associate of Arts degree, a bachelor's degree or comparable. General studies packages and recognized degrees do not waive lower-division program requirements and prerequisites within major and minor areas of study. Additionally, students still must take six upper-division credit hours (three for L and three for SB or HU) to complete the ASU university-level graduation requirements.

Transfer students without completed and documented general education packages or degrees receive credit for general studies based on course-by-course equivalency. Students transferring from Arizona community colleges should see the Arizona General Education Curriculum [7] page for more information.

University requirements

In addition to completing the 29 credit hours of lower-division general education coursework, per university baccalaureate graduation requirements [8], students must take six additional upper-division credit hours. Three hours with a Literacy and Critical Inquiry (L) designation must be chosen from approved upper-division courses, preferably in the major. Three hours with either a Humanities, Arts and Design (HU) or Social-behavioral Sciences (SB) designation should also be chosen from approved upper-division courses, preferably in the major. Additionally, students must complete the first-year composition [9] requirement.

College or school and major requirements

In addition to the general studies requirement, students must complete college or school and major requirements. Students are encouraged to work with their academic advisors to develop a program of study that efficiently meets all graduation requirements. A well-planned program should enable a student to concurrently satisfy requirements at the university, college or school levels, and within their major.

Source URL: https://catalog.asu.edu/ug_gsr

Links:
[1] https://catalog.asu.edu/ug_gsr/#general_studies_maroon
[2] https://provost.asu.edu/asu-general-studies-gold
[3] https://catalog.asu.edu/undergraduatereq
[4] https://catalog.apps.asu.edu/catalog/courses
[5] https://catalog.asu.edu/credit_exam#AP
[6] https://catalog.asu.edu/credit_exam#CLEP
[7] https://catalog.asu.edu/agec
[8] https://catalog.asu.edu/ug_grad_req
[9] https://catalog.asu.edu/undergraduatereq#first_year_composition

University associate degree graduation requirements

All students enrolled in an associate degree program must fulfill the following university requirements to graduate.

Credit requirements

A minimum of 60 credit hours is required to graduate with an associate degree. Students should check the program's graduation audit and major map or curriculum checksheet for graduation requirements.

Grade point requirement

A minimum cumulative GPA of 2.00 for all courses taken at ASU is required to graduate. Some programs may require a cumulative GPA higher than 2.00; students should refer to the specific program's graduation audit and major map or curriculum checksheet for graduation requirements.

General studies requirement

All students enrolled in an associate degree program must satisfy the university-required minimum number of approved lower-division general studies courses. Students should refer to the general studies policy [1] for more information.

Completion of general studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript fulfills ASU’s lower-division general studies and composition requirements. Certification of completed general studies curriculum may include students' completion of a general education package (e.g., AGEC, CSUGE, IGETC), an Associate of Arts degree, a bachelor’s degree or comparable, as documented on an official transcript. If students transfer from an Arizona community college without completing the AGEC or from another accredited postsecondary institution, they receive credit for general studies based on course-by-course equivalency. Students should review the Arizona General Education Curriculum [2] page.

Mathematics requirement

All associate degree-seeking students are expected to fulfill the university's mathematics requirement by the time they have accumulated 30 credit hours in residence at ASU. Any student who has more than 30 credit hours and has not fulfilled the mathematics requirement must enroll in a mathematics course or an appropriate prerequisite course and continue to do so every semester until they meet the mathematics requirement. A waiver may be granted for continuous enrollment if there are scheduling conflicts detrimental to the student's academic progress.

First-year composition requirement

All students must meet the university first-year composition requirement through completion of both ENG 101 and ENG 102, or ENG 105 with a grade of "C" (2.00) or higher. Students whose native language is not English should complete ENG 107 and 108 with a grade of "C" (2.00) or higher to satisfy this requirement. All incoming students are placed [3] in

ENG 101 or an appropriate first-year composition course based on submission of test scores, exam scores or transfer credit.

Transfer credit

Composition courses transferred from other postsecondary institutions may require evaluation. After consultation with an advisor, if evaluation is necessary, the student should submit a request for evaluation through the ASU Transfer Guide [4]. The process should be completed upon transfer of coursework to ASU so the student is able to enroll in additional courses if required to do so. Students who are required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until they meet composition requirements.

Credit by exam

A student pursuing an associate degree may earn no more than 30 hours of credit by examination, including ASU comprehensive and proficiency exams, for any or all programs.

Resident credit requirement

Resident credit refers to a course completed at ASU in a regular semester or summer session. Credit earned through ASU comprehensive examinations also is included when calculating ASU resident hours. Credit earned through independent learning, Advanced Placement testing, the College-Level Examination Program or an International Baccalaureate exam are excluded when calculating ASU resident hours.

Every candidate for an associate degree is required to earn a minimum of 15 credit hours in resident credit courses at ASU.

Definition of a catalog year

The ASU Academic Catalog is published annually. A catalog year runs from fall through summer, and a student who enters during the fall or spring semester follows the policies and requirements in effect for that catalog year. For example, catalog year 2024–2025 applies to students who enter in fall 2024 or spring 2025. Students who enter for the first time during the summer term follow the requirements in effect for the subsequent catalog year.

In most cases, a student's catalog year is the year in which they started at ASU. Students may be in a different catalog year for a variety of reasons, including:

- change of major
- continuous enrollment in an Arizona community college or public university
- student request to move to a newer catalog year
- significant changes to curriculum due to either accreditation or rapid changes to subject matter

More information and conditions of continuous enrollment can be found at guidelines for determination of catalog year [5].

Transfer credit

Students can review the general transfer credit requirements [6].

Application for graduation

Students can review the ASU graduation [7] website for information on how to apply for graduation, and associated fees and deadline dates.

Petition for variance from degree

Any student wishing to have a college or university degree requirement variance must petition the standards committee of the college in which the student is enrolled. All petitions must originate with the student's advisor.

The University Undergraduate Standards Committee advises the Office of the University Provost regarding undergraduate student petitions that concern university-level academic requirements. These include requirements on the amount of transfer credit, graduation requirements, and limits on credit by examination. To petition for a variance from such university requirements, the University Undergraduate Standards Committee petition [8] is used. Most petitions heard by the University Undergraduate Standards Committee start at the college level and are forwarded for final review and decision to the university-level committee.

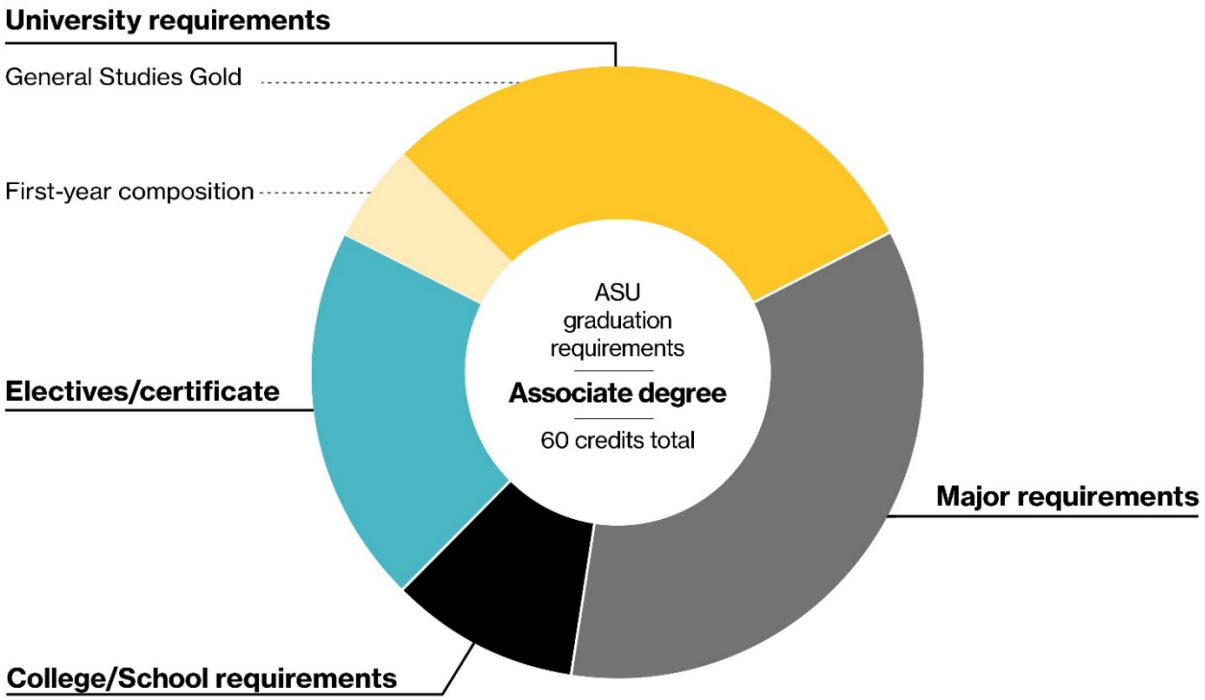
Overview of graduation requirements

Students in the AA program in military studies, AA program in organizational leadership or AS in logistics (maritime) should refer to the credit requirements for U.S. Naval Community College programs [9].

The associate degrees comprise four parts: university requirements, college/school requirements, major requirements and electives.

University requirements include general studies and first-year composition requirements. Some colleges and schools at ASU have college-specific requirements applicable across all degrees offered within that academic unit. Major requirements represent the majority of the disciplinary content of the degree. Some degrees may also have room for electives, allowing students to complete credit hours toward the minimum number of credits required for graduation while they explore areas of personal and professional interest. Some students choose to declare a certificate, which typically adds 15–25 hours of coursework; this can also be used for elective credit. Students are encouraged to consult with their academic advisor in planning a program to ensure it meets all requirements.

Associate degrees are 60 credit hours. Some courses may fulfill two or more types of requirements, but other courses fulfill only one requirement. As such, the size of the circle segment attributed to each requirement category in the graphic below does not necessarily correspond to the exact number of credits required for each.



Changing majors

Some majors may have specific requirements that a student must meet to be eligible for acceptance to the new major. A degree-seeking undergraduate student may view the requirements for changing majors on Degree Search [10] and visit the changing your major site [11] for more information and resources on major exploration.

Changing from an associate degree to a bachelor's degree program may impact financial aid.

Graduation with academic recognition

Graduation with academic recognition is applicable only to bachelor's degree programs.

Concurrent degrees

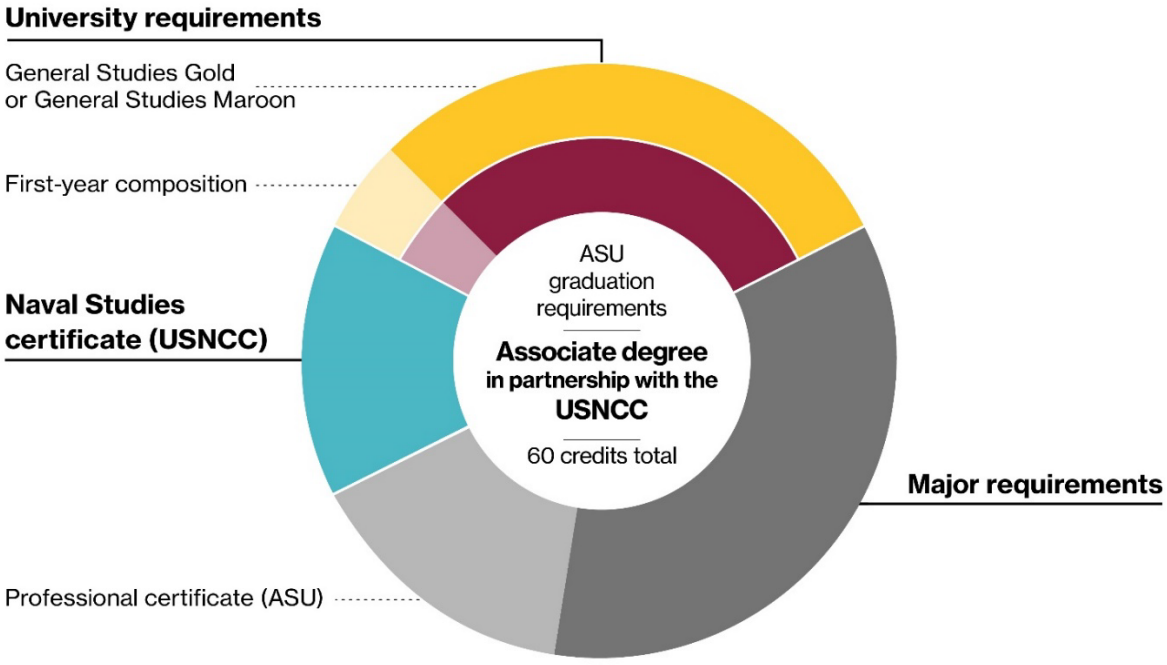
If prior approval is given by the colleges or schools offering the degrees, more than one associate degree may be pursued concurrently. Students may receive concurrent degrees if they meet the minimum requirements for both degrees. Specific combinations of degrees may be deemed inappropriate because of high curricular overlap. Pursuing concurrent degrees may impact financial aid disbursement.

Associate degree programs offered in partnership with the U.S. Naval Community College

Associate degrees offered in partnership with the U.S. Naval Community College have been jointly designed with ASU specifically for enlisted personnel in the Navy, Marines and Coast Guard.

Overview of graduation requirements specific to U.S. Naval Community College programs

The associate degrees developed in partnership with USNCC comprise four parts: the Naval Studies certificate courses, the professional certificate courses, general education requirements and university requirements. As illustrated in the graduation requirements diagram below, some courses may fulfill two or more types of requirements, but other courses fulfill only one requirement. The total credit hours needed to graduate are represented by the largest circle. The university minimum is 60 credit hours for an associate degree.



Minors and certificates

Students enrolled in an associate degree offered in partnership with the U.S. Naval Community College are not permitted to add a minor or additional certificates.

Changing majors

Students enrolled in associate degree programs offered in partnership with the U.S. Naval Community College may only change to another USNCC associate degree program. Changes must be made in coordination with approval by USNCC.

Disestablished programs

A disestablished program is a major, minor or certificate that the institution has chosen to discontinue. Upon the effective term and year of disestablishment, ASU may choose to stop admitting new students to the program. This includes current ASU students seeking to change to the disestablished major, to add the disestablished major as a concurrent degree, or to add the disestablished minor or certificate. Active students in a disestablished program have a period of four academic years to complete the program requirements. This includes active, not enrolled students typically eligible for quick re-entry. Students who choose quick re-entry to the institution after a period of nonenrollment cannot re-enroll in a disestablished program if four academic years have passed since the effective term of disestablishment.

Students who have not completed the requirements for a disestablished program four academic years after disestablishment are changed administratively to a different major, or have the minor or certificate removed from their record.

Nondegree credit

Some individuals may be interested in studying in a nondegree status, either through pre-college summer programs or for their own personal learning experience. An undergraduate nondegree-seeking student is one who has not attended ASU as a degree-seeking student, has not earned an associate or bachelor's degree, is not attending full time, and is not currently applying to a degree program.

- Once admitted to a degree program, a student is not permitted to register in a nondegree status.
- Nondegree-seeking students may enroll in eight credit hours each fall or spring semester, seven credit hours for each six-week summer session, and nine credit hours for the eight-week summer session with a maximum limit of 24 credit hours over the course of the academic year.
- Nondegree-seeking students may apply up to 15 credit hours taken in nondegree status to a degree program if they choose to pursue an undergraduate degree in the future.
- Nondegree-seeking students are not eligible for financial aid.
- Students in a nondegree status may not be eligible for academic advising.

Exceptions to these guidelines may be made for specific programs or partners with approval from the Office of the University Provost. Students enrolled in ASU Prep may apply 30 credit hours earned at ASU while in a nondegree status toward a degree program.

Additional policies

Students enrolled in these degree programs are held to all other ASU and appropriate college policies [12], including:
Academic good standing and probation [13]
Grades and grading policies [14]
Repeating courses [15]

Source URL: https://catalog.asu.edu/associatereq

Links:
[1] https://catalog.asu.edu/ug_gsr
[2] https://catalog.asu.edu/agec

[3] https://english.asu.edu/admission/first-year-composition-courses/faqs
[4] https://transferguide.apps.asu.edu/app/home
[5] https://catalog.asu.edu/undergraduatereq#catalogyear
[6] https://catalog.asu.edu/transfer
[7] https://registrar.asu.edu/graduation
[8] https://provost.asu.edu/committees/university-undergraduate-standards-committee
[9] https://catalog.asu.edu/associatereq#USNCC_requirements
[10] https://degrees.apps.asu.edu/bachelors
[11] https://changingmajors.asu.edu/
[12] https://catalog.asu.edu/policies/sls
[13] https://catalog.asu.edu/retention_standing
[14] https://registrar.asu.edu/grades
[15] https://registrar.asu.edu/grades#repeating

University undergraduate graduation requirements (baccalaureate)

All students enrolled in a baccalaureate degree program must fulfill the following university requirements to graduate.

Credit requirements

Students must have completed a minimum of 120 credit hours to graduate with a baccalaureate degree; at least 45 credit hours must be in upper-division courses. Associate degrees require a minimum of 60 credit hours. Students should check the program's graduation audit and major map or curriculum checksheet for graduation requirements.

No more than 60 credit hours earned in independent learning courses or earned by comprehensive examination (including Advanced Placement, College-Level Examination Program, DANTES Subject Standardized Test, Cambridge International exam and International Baccalaureate exams) are accepted for credit toward the baccalaureate degree. Credit is not granted for courses taken at an educational institution after credit by examination has been awarded.

There may be instances in which students wish to remove exam credit earned through Advanced Placement, College-Level Examination Program, DANTES Subject Standardized Test, Cambridge International exam and International Baccalaureate exams. If the student elects to remove exam credit, the cumulative university hours are adjusted, and the student can complete the corresponding ASU course. When the student decides to complete the ASU course, the earned credit and grade always apply.

Grade point requirement

A minimum cumulative grade point average of 2.00 for all courses taken at ASU is required to graduate with an undergraduate degree. Some programs may require a cumulative GPA higher than 2.00; students should refer to the specific program's graduation audit and major map or curriculum checksheet for graduation requirements.

General studies requirement

All students enrolled in an undergraduate degree program must satisfy the university requirement for a minimum number of approved credit hours of general studies coursework. Effective fall 2024, ASU has approved a revised general studies curriculum. Students beginning in the 2024–2025 catalog year complete the requirements in the General Studies Gold [1] curriculum. Students who attended ASU before fall 2024 and are in a catalog year before 2024–2025 complete the requirements defined by the General Studies Maroon [2] curriculum. The requirements applicable for a student's catalog year are displayed on their major map or curriculum checksheet and graduation audit. Students should refer to the general studies policy [1] for more information on their specific general studies requirements.

Completion of general studies and composition requirements, as documented on an official transcript from regionally accredited institutions of higher education within the United States, fulfills ASU's lower-division general studies requirements within the Gold and Maroon systems as well as first-year composition requirements. Certification of

completed general studies includes completion of a general education package recognized by ASU, an Associate of Arts degree, a bachelor's degree or comparable. General studies packages and recognized degrees do not waive program requirements and prerequisites within major and minor areas of study.

Transfer students without completed and documented general education packages or degrees receive credit for general studies based on course-by-course equivalency. Students transferring from Arizona community colleges should see the Arizona General Education Curriculum [3] page for more information.

Mathematics requirement

All undergraduate degree-seeking students are expected to fulfill the university's mathematics requirement by the time they have accumulated 30 credit hours in residence at ASU. Any student who has more than 30 credit hours and has not fulfilled the mathematics requirement must enroll in a mathematics course or an appropriate prerequisite course and continue to do so every semester until the mathematics requirement is met. A waiver may be granted for continuous enrollment if there are scheduling conflicts detrimental to the student's academic progress. Students should also see the math-intensive programs: required course policy [4].

First-year composition requirement

Completion of ENG 101 and ENG 102, or ENG 105 with a grade of "C" (2.00) or higher is required for graduation from ASU in any baccalaureate or associate program. Students whose native language is not English may meet the first-year composition requirement by completing ENG 107 and 108 with a grade of "C" (2.00) or higher. Students who are required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Transfer credit

Composition courses transferred from other postsecondary institutions may require evaluation. If, after consultation with an advisor, it is determined that an evaluation is necessary, the student should submit a request for evaluation through the ASU Transfer Guide [5]. The process should be completed upon transfer of coursework to ASU so the student is able to enroll in additional courses, if required. Students who are required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Resident credit requirement

Resident credit refers to a course that is offered in a regular semester or summer session. Credit earned through comprehensive examinations also is included when calculating ASU resident hours. Credit earned through independent learning, Advanced Placement testing, the College-Level Examination Program or an International Baccalaureate exam is excluded when calculating ASU resident hours.

Every candidate for an undergraduate degree is required to earn a minimum of 30 credit hours in resident credit courses at ASU.

Definition of a catalog year

The ASU Academic Catalog is published annually. A catalog year runs from fall through summer, and a student who enters during the fall or spring semester follows the policies and requirements in effect for that catalog year. For example, catalog year 2024–2025 applies to students who enter in fall 2024 or spring 2025. Students who enter for the first time during the summer term follow the requirements in effect for the subsequent catalog year.

In most cases, a student’s catalog year is the year in which they started at ASU. Students may be in a different catalog year for a variety of reasons, including:

- change of major
- continuous enrollment in an Arizona community college or public university

- student request to move to a newer catalog year
- significant changes to curriculum that are due to either accreditation or rapid changes to subject matter

Guidelines for determination of catalog year

The ASU Academic Catalog is published annually. Department, school, division, college and university requirements are upgraded often and may change. In determining graduation requirements, an undergraduate student uses only one edition of the catalog but may elect to follow any subsequent catalog edition under which the student attends. Students may not use an edition of the catalog that was in effect before their high school graduation or completion of their GED. Students who maintain continuous enrollment at any Arizona community college or public university may graduate according to the requirements of the catalog in effect at the time of initial enrollment following high school graduation or completion of a GED, or according to the requirements of any single catalog in effect during subsequent terms of continuous enrollment. Students may maintain continuous enrollment while pursuing their degrees, whether attending a single Arizona community college or public university, or transferring among public institutions in Arizona. Students transferring among Arizona public higher education institutions must meet all requirements of the degree-granting institution: admission, residency, curricular and academic.

1. A semester in which a student earns course credit is counted toward continuous enrollment. Noncredit courses, audited courses, failed courses and courses from which the student withdraws do not count toward the determination of continuous enrollment for catalog purposes (examples A and B in the continuous enrollment table below).
2. Students who do not meet the minimum enrollment standard stipulated in step 1 during three consecutive semesters (fall/spring/fall or spring/fall/spring) and the intervening summer term at any Arizona community college or public university are no longer considered continuously enrolled. These students must meet requirements of the Arizona community college or public university catalog in effect at the time they are readmitted or of any single catalog in effect during subsequent terms of continuous enrollment after readmission (examples C and D in the continuous enrollment table below). Students are not obligated to enroll and earn course credit during summer terms, but summer enrollment may be used to maintain continuous enrollment status.
3. Students admitted or readmitted to an Arizona community college or public university during a summer term must follow the requirements of the catalog in effect for the following fall semester or of any single catalog in effect during subsequent terms of continuous enrollment (example E in the continuous enrollment table below).
4. In areas of study in which the subject matter changes rapidly, material in courses taken long before graduation may become obsolete or irrelevant.
5. Coursework that is more than eight years old is applicable to completion of degree requirements at the discretion of the department of the student's major. Departments may accept or reject such coursework or request that the student revalidate the substance of the coursework. The eight-year limit on coursework applies except when program accreditation agencies limit the life of coursework to fewer than eight years. Departments also may require students to satisfy current major requirements rather than major requirements stated in earlier catalogs when completing earlier requirements is no longer possible or educationally sound.
6. Enrollment by Arizona community college students in nontransferable courses still constitutes enrollment for purposes of determining whether the student has been continuously enrolled. For example, if a student takes two semesters of cooperative education classes that are not transferable to the university but constitute continuous enrollment at the community college, the university should consider it continuous enrollment.
7. Exceptions made by an institution apply only to the institution that made the exception. For example, a community college department accepts credit that is more than eight years old, but the university department to which the student transfers does not; the university department has the right and the obligation to reevaluate any credit more than eight years old.

Inquiries about these guidelines may be directed to the student's academic advisor.

Application for graduation

Students should visit the ASU graduation [6] website for information on how to apply for graduation, associated fees and deadline dates.

Petition for variance from degree

Any student wishing to have a college or university degree requirement variance must petition the standards committee of the college in which the student is enrolled. All petitions must originate with the student's advisor.

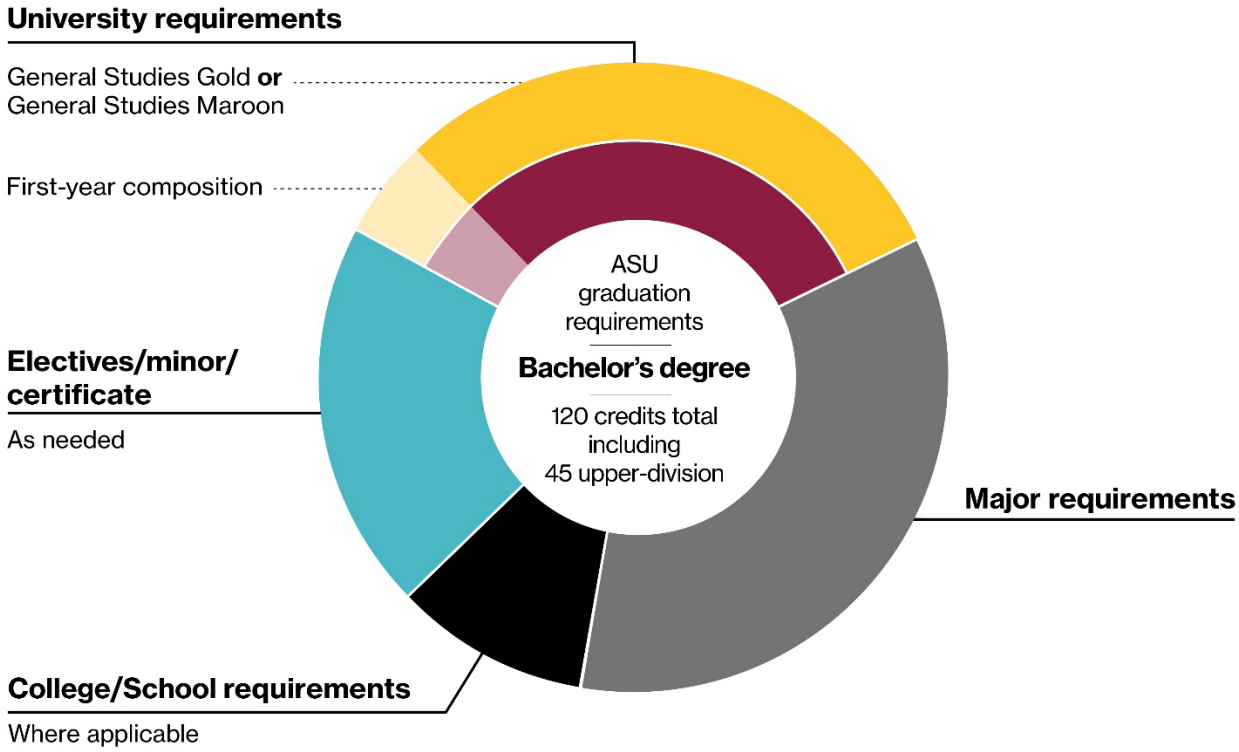
The University Undergraduate Standards Committee advises the Office of the University Provost regarding undergraduate student petitions that concern university-level academic requirements. These include requirements on the amount of transfer credit, graduation requirements, limits on credit by examination and requirements for a second baccalaureate degree. To petition for a variance from such university requirements, the University Undergraduate Standards Committee petition [7] is used. Most petitions heard by the University Undergraduate Standards Committee start at the college level and are forwarded for final review and decision to the university-level committee.

Overview of graduation requirements

At ASU, students take classes that fulfill four types of requirements: university requirements, college/school requirements, major requirements and electives.

University requirements include general studies and first-year composition requirements. Some colleges and schools at ASU have college-specific requirements applicable across all degrees offered within that academic unit. Major requirements represent the majority of the disciplinary content of the degree. Many degrees also have room for electives, allowing students to complete credit hours toward the minimum number of credits required for graduation while exploring areas of personal and professional interest. Some students choose to declare a minor or certificate; this typically adds 15–25 credit hours of coursework, which can also be used for elective credit. Students are encouraged to consult with their academic advisor in planning a program to ensure it meets all requirements for their specific combination of credentials.

Bachelor's degrees consist of 120 credit hours, 45 of which must be upper-division. Some courses may fulfill two or more types of requirements, but other courses fulfill only one requirement. For that reason, the size of the circle segment attributed to each requirement category in the graphic below does not necessarily correspond to the exact number of credits required for each.



Change of major

Some majors may have specific requirements that a student must meet to be eligible for acceptance to the new major. A degree-seeking undergraduate student may view the requirements for changing majors on Degree Search [8] and visit the changing your major site for more information and resources on major exploration.

Changing from a bachelor's degree to an associate degree program may impact financial aid.

Additionally, sponsored students, those who receive tuition benefits from a non-ASU entity, or those who accept certain federal funds, including military-affiliated benefit funding, should understand that changing their major may impact college costs. It is recommended that these impacts be fully explored and understood before changes are fully executed.

Graduation with academic recognition

Undergraduate students may qualify for graduation with academic recognition for a baccalaureate degree. The ASU cumulative GPA determines the designation, as shown in the academic recognition table below.

Academic recognition	
ASU cumulative GPA	**Designation**
3.40–3.59	cum laude
3.60–3.79	magna cum laude
3.80–4.00	summa cum laude

The cumulative GPA for these designations is based on ASU resident coursework only. All designations of graduation with academic recognition are indicated on the diploma and the ASU transcript. Graduation with academic recognition applies only to undergraduate bachelor's degrees.

A student who has a baccalaureate degree from ASU and is pursuing a second baccalaureate degree at ASU (with a minimum of 30 additional hours of resident credit) is granted academic recognition on the second degree based on the credit hours earned after the posting of the first degree.

Inquiries about graduation with academic recognition may be directed to University Registrar Services [10].

Additional degrees

Second baccalaureate degree

Students seeking a second baccalaureate degree must meet admission criteria for that degree. After conferral of the first degree, a minimum of 30 additional credit hours in resident credit courses at ASU must be successfully completed to earn the second baccalaureate degree. The student must meet all degree and university requirements of the second degree.

Admission to a specific second baccalaureate degree program may be deemed inappropriate based on the discipline or degree type of the original baccalaureate degree, regardless of whether that degree was earned at ASU or another institution (e.g., admission to a BS program in psychology after earning a BA in psychology).

A student pursuing a second baccalaureate degree in the same discipline as a minor previously conferred by ASU will have the minor removed from the original academic record upon completion of the second degree.

Students who wish to use courses taken while in graduate nondegree status toward a second bachelor's degree may have up to 15 credit hours applied toward this degree.

Concurrent degrees

If prior approval is given by the colleges or schools offering the degrees, more than one baccalaureate degree may be pursued concurrently. Students may receive concurrent degrees if they meet the minimum requirements for both degrees. Specific combinations of degrees may be deemed inappropriate because of high curricular overlap.

For additional information, students can review the glossary description [11].

eAdvisor and critical requirements

eAdvisor [12] ensures that students get off to a good start and stay on track toward graduation by helping them find a major that fits their talents and career goals, and then monitoring progress. Students use eAdvisor to do the following:

1. Learn more about graduation requirements for their major.
2. Discern the critical courses and grades that are required to stay on track to successfully complete their degree.
3. Plan for and schedule appropriate courses in the correct sequence to maximize success.
4. Monitor progress toward their degree.
5. Find out how courses may fit into other majors if they decide to change majors.

Through eAdvisor, students follow a major map that outlines the critical requirements and optimal eight-semester plan. If a student does not meet the critical requirements, an advising hold may be placed on their record, and an advising session is required before future registration activities can take place. When students do not meet the critical requirements for two consecutive semesters, they are considered off track and may be advised to change majors.

Critical requirements are identified by the faculty and academic units as predictors of success in a major. To ensure students are able to enroll in critical courses, ASU academic units coordinate to offer sufficient seats to meet demand. Specific class schedules (days and times) are not guaranteed.

Math-intensive programs: required course policy

ASU undergraduate degree programs are categorized in the area of math intensity [13] as either general, moderate or substantial based on the number and type of required math courses. Students enrolled in a degree program that is categorized as substantial in math intensity who receive a failing grade of "E" twice in the same required math course may be required to change their major to one categorized as general or moderate. This policy is applicable even if the required math course is not marked as critical through the eAdvisor tracking tool.

Disestablished programs

A disestablished program is a major, minor or certificate that the institution has chosen to discontinue. Upon the effective term and year of disestablishment, ASU may choose to stop admitting new students into the program. This includes current ASU students seeking to change to the disestablished major, to add the disestablished major as a concurrent degree, or to add the disestablished minor or certificate. Active students in a disestablished program have a period of four academic years to complete the program requirements. This includes active, not enrolled students typically eligible for quick re-entry. Students who choose quick re-entry to the institution after a period of nonenrollment cannot re-enroll in a disestablished program if four academic years have passed since the effective term of disestablishment.

Students who have not completed the requirements for a disestablished program four academic years after disestablishment are changed administratively to a different major or have the minor or certificate removed from their record.

Nondegree credit

Some individuals may be interested in studying in a nondegree status, either through precollege summer programs or for their own personal learning experience. An undergraduate nondegree-seeking student is one who has not attended ASU as a degree-seeking student, has not earned an associate or bachelor's degree, is not attending full time, and is not currently applying to a degree program.

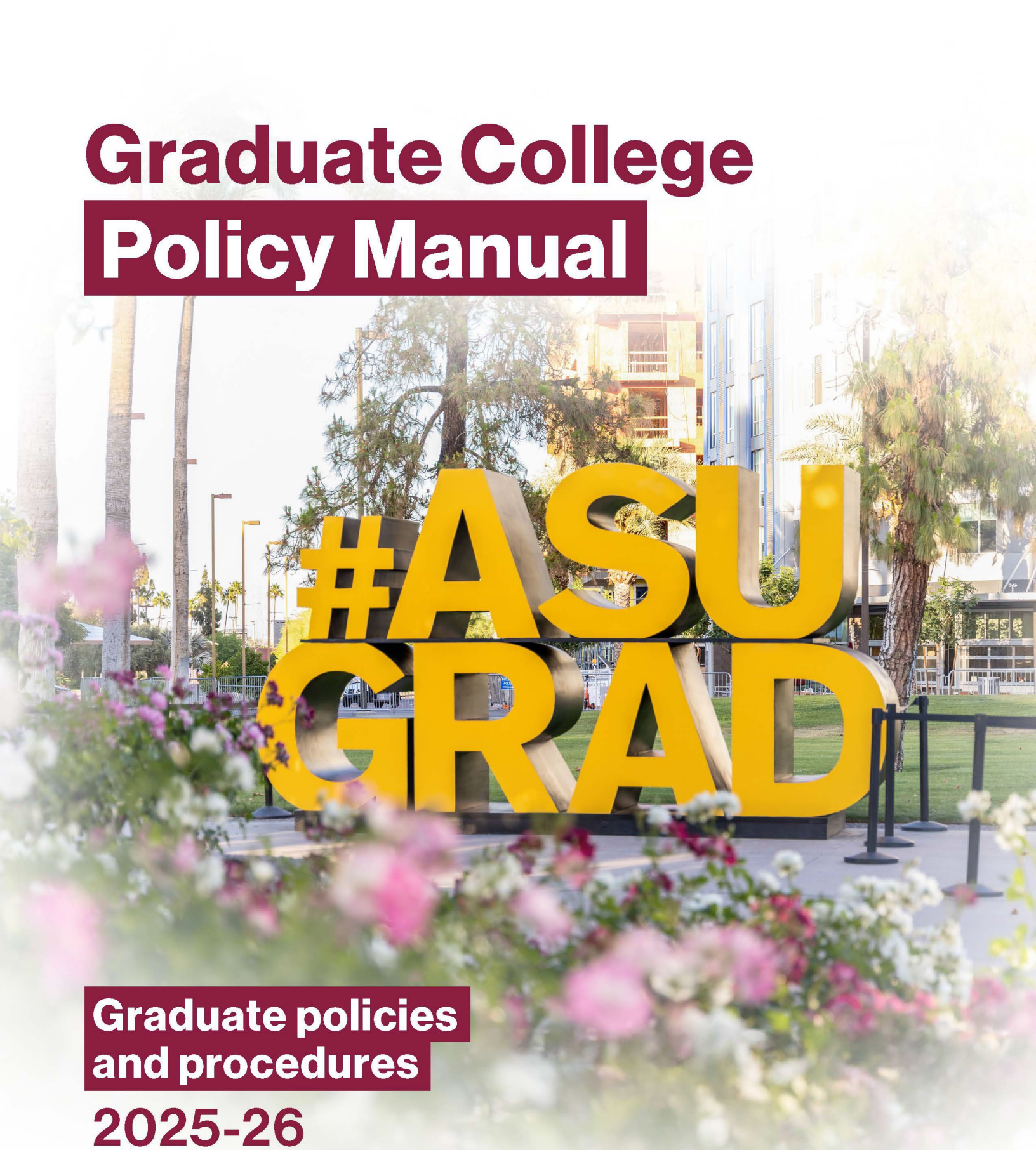
- Once admitted to a degree program, a student is not permitted to register in a nondegree status.
- Nondegree-seeking students may enroll in eight credit hours each fall or spring semester, seven credit hours for each six-week summer session, and nine credit hours for the eight-week summer session, with a maximum limit of 24 credit hours over the course of the academic year.
- Nondegree-seeking students may apply up to 15 credit hours taken in nondegree status to a degree program if they choose to pursue an undergraduate degree in the future.
- Nondegree-seeking students are not eligible for financial aid.
- Students in a nondegree status may not be eligible for academic advising.

Exceptions to these guidelines may be made for specific programs or partners with approval from the Office of the University Provost. Students enrolled in ASU Prep may apply 30 credit hours earned at ASU while in a nondegree status toward a degree program.

Source URL: https://catalog.asu.edu/undergraduatereq

Links:
[1] https://catalog.asu.edu/ug_gsr
[2] https://catalog.asu.edu/ug_gsr#general_studies_maroon
[3] https://catalog.asu.edu/agec
[4] https://catalog.asu.edu/undergraduatereq#mathintensity
[5] https://transferguide.apps.asu.edu/app/home
[6] https://registrar.asu.edu/graduation
[7] https://provost.asu.edu/committees/university-undergraduate-standards-committee
[8] https://degrees.apps.asu.edu/bachelors
[9] https://changingmajors.asu.edu/
[10] https://registrar.asu.edu/
[11] https://catalog.asu.edu/glossary#concurrent
[12] https://eadvisor.asu.edu/
[13] https://catalog.asu.edu/mathintensity

Graduate College Policy Manual



Graduate policies and procedures

2025-26

Graduate College
Arizona State University

Arizona State University
Graduate policies and procedures
for academic year 2025-26

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Introduction

The Graduate College admits students into programs leading to both professional and research-oriented advanced degrees and certificates beyond the bachelor's degree. The master's and doctoral degrees are awarded to students completing programs that culminate in research and creative endeavors. The doctoral degree is the highest university award, conferred on candidates who have proven their ability as scholars and original researchers.

Students are admitted, therefore, both to their academic programs and to the Graduate College of Arizona State University. This Policy Manual outlines those policies and procedures that apply across the board to all graduate students who matriculate at Arizona State University, from application to graduation. Graduate College policies supersede all academic program policies, although units may impose stricter policies. The Vice Provost and Dean of the Graduate College, hereafter referred to as "Dean," has final authority in matters of Graduate College policy and procedure.

Academic Integrity

The highest standards of academic integrity and compliance with the university's Student Code of Conduct are expected of all graduate students in academic coursework and research activities. The failure of any graduate student to uphold these standards may result in serious consequences including suspension or expulsion from the university and/or other sanctions as specified in the academic integrity policies of individual colleges as well as the university.

Violations of academic integrity include, but are not limited to cheating, fabrication of data, tampering, plagiarism, or aiding and/or facilitating such activities. At the graduate level, it is expected that students are familiar with these issues and assume personal responsibility in their work. Toward this end, the Graduate College makes available an online Academic Integrity Tutorial, which all newly admitted graduate students are expected to complete within their first semester of coursework. This Tutorial appears under "Priority Tasks" in their My ASU screen.

Additionally, graduate students pursuing research that is funded by external sponsors are responsible for understanding and completing the necessary trainings to ensure the responsible conduct of such research. It is very important that students check with their thesis/dissertation advisor well in advance of data collection to ensure compliance with university regulations, and may seek further assistance from the university's Office for Research Compliance. Please see the section of this guide titled "Research Involving Human and Animal Subjects."

Notice of Non-Discrimination

ASU prohibits all forms of discrimination, harassment and retaliation.

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the Title IX Coordinator or to the U.S. Department of Education, Assistant Secretary, or both.

Contact titleixcoordinator@asu.edu or 480-965-0696 for more information. Information on making a report can be found online.

Inclusive Excellence

As part of the ASU community, the Graduate College upholds, values, and enacts the ASU Charter on behalf of its graduate students and postdoctoral scholars. Our commitment to just and equitable treatment starts with our policies, continues with our processes, and imbues our practices in all we do, from admissions to alumni relations. That means treating every graduate student and postdoctoral fellow fairly and justly, demonstrating our commitment to inclusive excellence and our promise to whom we include and how they succeed.

Graduate Student Responsibilities

Graduate students are responsible for familiarizing themselves with all university and graduate policies and procedures. Students should also communicate directly with their academic unit to be clear on expectations for degree completion.

Communications with the Graduate College

Important information from the Graduate College is provided to students via their My ASU portal, Interactive Plan of Study (iPOS) and ASU email account. Students should frequently check their My ASU account, iPOS and ASU email account for the most up-to-date information regarding their status, holds, items to attend to and other important information. All email communication to the Graduate College must come from the secure ASU email account.

Expressing Concerns and Resolving Conflicts

Occasionally, a student may run into difficulties with a peer, faculty member, or even advisor or supervisor that seem to defy resolution. While every situation is different, we encourage the following resources and processes.

For matters related to sexual harassment, discrimination, and/or retaliation, follow the reporting procedures.

For matters that appear to be outside the scope of formal reporting to the Title IX Office or Office of University Rights and Responsibilities, but are nevertheless difficult to resolve and interfere with the student's effective academic progress, we recommend the following:

1) If possible, students should report program-specific issues to the program area head or area coordinator.
2) If this report does not resolve the issue or the student is uncomfortable speaking to the program area head or area coordinator, the student may approach the appropriate graduate administrator in their school (e.g., Director of Graduate Studies).
3) If a student feels that their concern has not been adequately heard or resolved, they may schedule a meeting with the Director of their school.
4) If a student feels that their concern has not been adequately heard or addressed after meeting with individuals in the school, they may report to the appropriate representative in the academic college Dean's Office.
5) If a student is uncomfortable working through the school procedure for any reason, they may go directly to the academic college Dean's Office representative.

Graduate Student Government

Graduate Student Government (GSG) is the graduate student government for Arizona State University. We advocate for students, not only on the university level, but in all levels of government and provide services and resources that facilitate and empower student success in all aspects of academic and professional life. From travel grants to research grants and professional development initiatives, we enhance the graduate student experience. Join us in championing graduate student concerns on all levels. Visit the GSG webpage for more information and join them on social media to stay informed of real time events and resources.

Ombudspersons

Designated as impartial factfinders who can facilitate problem-solving, ombudspersons at the university can help students who are unsure how to resolve their complaints or unsure where to go next. Refer to the list of designated ombudspersons at ASU.

Application

Submission of an Application

General admission information and procedures are available online. Applications for all graduate degree, microcertificate and certificate programs and/or non-degree seeking students must be submitted via the graduate application portal. Select initiatives provide exceptions to this process.

Prior to applying to the Graduate College, applicants should review information regarding their specific graduate program and academic unit application requirements and deadlines.

Note: Students who are returning to school after an approved Leave of Absence are not required to re-apply, so long as the following applies: they must have a Graduate College-approved Leave of Absence or enrollment exception on file with the Graduate College and be re-entering the same graduate program for the semester immediately following the approved request.

Application Deadlines

Application deadlines are set by the graduate programs. Consult the program website or the Graduate Degrees and Certificates search tool for specific application deadlines.

International students wishing to attend an in-person program must apply to Sessions A or C only (Applications for Session B are not available to international students due to visa requirements).

Application Fee

Each application to an ASU graduate program must be accompanied by a non-refundable application fee, payable by credit or debit card at the time of submission. The application fee covers Graduate Admission Services' administrative costs of processing all applications and is not refundable under any circumstance.

Applicants receive an email acknowledgement once the application has been successfully submitted. The acknowledgement includes an ASURITE ID and activation code so that students may follow the progress of their application through My ASU. Applicants should review My ASU to monitor their application status, "To Do" items and "Holds".

Application Requirements

Applicants must submit official transcripts from their bachelors granting postsecondary institution. Additional transcripts may be required:

1. To verify that international credentials are comparable to a U.S. bachelor's degree.
2. If significant coursework used towards the bachelor's degree was completed at another institution.
3. If the applicant intends on transferring coursework into a graduate program. Information about specific program requirements and general requirements are available online.

Academic units may have additional admission requirements. Some graduate programs require scores from a national admissions test such as the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT) or the Miller Analogies Test (MAT). Some programs require a portfolio, letters of recommendation, a statement of goals and/or a resume.

Applicants should consult the academic unit regarding program admission requirements prior to submitting an online application. Programs submit a recommendation to the Dean of the Graduate College regarding their willingness to admit an applicant.

All documents received by Graduate Admission Services in connection with an application become property of ASU and will not be returned.

Academic Credentials

Applicants must have earned a bachelor's degree or higher from a regionally accredited institution in the U.S. or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country. Effective spring 2025, international three-year bachelor's degree programs are acceptable for admission purposes. Applicants are required to have completed their bachelor's degree prior to the start of their graduate program, and provide the final, official documents to ASU showing completion and attainment of a bachelor's or graduate degree prior to registration in the second semester of graduate studies at ASU.

If original credentials are issued in a language other than English, applicants must provide the original language transcripts as well as an official and literal translation. Photocopied documents certified by a notary public are not official. Professional third-party credential evaluation reports may not be used in place of official transcripts or in place of literal English translations.

Applicants must have maintained a minimum grade point average of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of undergraduate coursework. Students may be admitted with additional requirements identified by the program.

Because ASU receives applications from many highly qualified students, some applicants may be denied admission for reasons not related to their academic performance. Examples include, but are not limited to: program capacity, mentor availability and/or program match.

ASU may make an exception to the U.S. equivalent bachelor's requirement for admission to certain preapproved programs. This exception may require specific documentation including, but not limited to: postsecondary education, significant work experience in the discipline and/or a non-U.S. equivalent degree that the college leadership and the ASU Graduate College Dean deems equivalent to the learned skills of a bachelor's in that discipline. For specific program requirements are available in ASU Degree Search.

ASU Personalized Graduate Admissions

ASU undergraduate students who meet the eligibility criteria receive an offer for ASU Personalized Graduate Admissions (ASUPGA) in their final undergraduate semester. Students who accept an ASU

Personalized Graduate Admissions offer are automatically admitted to one selected ASU graduate degree program without submitting a graduate admission application or supplemental materials.

Additional International Requirements

International Applicants

Please consult the Graduate Admission Services and international student visas websites for complete information. Applicants who will hold an F-1 or J-1 visa must:

1) Meet the regulations of the U.S. Immigration and Customs Enforcement (ICE) agency.
2) Obtain insurance coverage against illness and accidents before being permitted to register for classes. Insurance must be maintained throughout the students' enrollment at the university.
3) Submit proof of English proficiency.
4) Submit additional materials as outlined on the Graduate Admission Services website.
5) Verify that they have the financial resources to cover their expenses during graduate study at ASU by submitting the Financial Guarantee form. In addition to the Financial Guarantee form, if ASU is providing an assistantship, an official offer letter must be sent to Graduate Admission Services. Similarly, if a governmental entity is funding the student, an official letter from the government must also be submitted to Graduate Admission Services.

The I-20 or the DS-2019 (documents needed to obtain a student visa) is issued only after the completed and properly verified Financial Guarantee form, acceptable proof of funding, proof of English proficiency and supporting documents have been received by Graduate Admission Services. International students may enroll at ASU only if they have been admitted to a degree program or the certificate program for teacher certification.

International students must be enrolled in a graduate degree program to enroll in an in-person certificate program.

English Language Requirement

English proficiency is required for all students who wish to enter an ASU graduate program. There are several ways to meet the English proficiency requirement:

- TOEFL score of at least 66 (PBT) or 80 (iBT). The TOEFL is administered by TOEFL/TSE Services. ASU's institutional code is 4007. ASU accepts only electronic copies of the TOEFL score report. ASU does not accept TOEFL iBT® Home Edition, TOEFL iBT® Paper Edition, or TOEFL Essentials Exams.
- IELTS overall band score of at least 6.5. The IELTS is administered by the University of Cambridge. No institutional code is needed.
- Pearson Test of English (PTE) score of at least 60. The PTE is administered by Pearson.
- Duolingo English Test score of at least 105.

Alternatively, Global Launch provides options for satisfying the ASU English Proficiency requirement with completion of Advanced Level 2. It is recommended that students check with their department first before enrolling to ensure the college which their program resides in will accept one of these options.

Graduate options:

- English for Graduate Admissions and Achievement Online Course.
- Completion of online course with a passing score.
- English Language Program – In-person or Online.
- Complete Advanced Level 2 with passing score.

Individual academic units may have higher requirements for English proficiency.

Consult the academic unit's website. English proficiency is only valid for two years and must be taken within two years from the beginning of the semester for which the student applied.

Some applicants are exempt from the English proficiency requirement. The following exceptions must be met exactly to be considered for an exemption:

- Applicants who are U.S. Citizens or U.S. Permanent Residents.
- Applicants who have earned a bachelor's degree or higher from a regionally accredited college/university in the United States.
- Applicants who have earned the equivalent of a U.S. bachelor's degree or higher from an international institution that is officially recognized by that country, and the country is on the ASU English Speaking Country and Territory List (official transcript required).
- Applicants who have earned the equivalent of a U.S. bachelor's degree or higher from an international institution that is officially recognized by that country, and the sole medium of instruction for the program was in English (official transcript required). Student should email gograd@asu.edu to request exemption and include a letter from the institution on letterhead indicating language of instruction or provide information on the institution website to verify language of instruction.
- Applicants who have completed at least 9 semester hours of graduate coursework with a cumulative GPA of 3.0 (on a 4.0 scale) or higher at a regionally accredited college/university in the United States or from an international institution that is officially recognized in that country and is on the ASU English Speaking Country and Territory List (official transcript required).
- Applicants who have completed at least 90 semester hours of undergraduate coursework with a cumulative GPA of 3.0 (on a 4.0 scale) or higher in residence at a regionally accredited college/university in the United States (official transcript required).
- Applicants who have completed ASU Global Launch's English for Graduate Admissions and Achievement online course with a passing score.
- Applicants who have completed Advanced Level 2 of ASU Global Launch's English Language Program – either in-person or online with passing scores.
- Applicants who have a U.S. High School Diploma (official transcript required).
- Applicants who are citizens from a country or territory listed on the ASU English Speaking Country and Territory List.
- Applicants who have listed a future conferral date from an ASU bachelor's degree program on their application for admission and will complete their ASU undergraduate degree before starting their graduate program.

All international applicants from countries where the native language is not English must pass an examination that certifies their skill in speaking English before applying for teaching assistantships. English proficiency for admission may not fulfill the English proficiency requirements for teaching assistantships. Visit the International Teaching Assistant website for information on how to fulfill this requirement. Departmental requirements may differ, so it is recommended that applicants contact their departments for specific details.

Non-Degree Seeking Applicants

Applicants who do not immediately intend to pursue a graduate degree may apply as non-degree seeking students. The application process does not require the submission of academic credentials or test scores.

Non-degree applicants must have earned a bachelor's degree or higher from a U.S. regionally accredited institution or the equivalent of a U.S. bachelor's or graduate degree from an international institution that is officially recognized by that country.

There is no limit to the total cumulative credit hours students can take as non-degree students. However, to apply the credit hours toward an ASU master's or doctoral degree, students are limited to 15 credit hours taken per pre-admission policy.

Non-degree students may not be eligible to enroll in some classes. Students should check the enrollment requirements before registering and contact the academic unit offering the courses with questions regarding qualification for registration. See “Non-Degree Students” in the section “Registration and Enrollment” for more information.

Financial aid is not available to non-degree students.

In-person non-degree study is typically not available to international students on F-1 or J-1 visas. For exceptions, prior to applying, students must contact their Designated School Official (DSO) at the school managing their SEVIS record to inform them that they have applied to take non-degree classes at ASU.

After Applying

Applicants receive an email acknowledgement once the application has been successfully submitted. The acknowledgement includes an ASURITE ID and activation code so that students may follow the progress of their application through My ASU. Applicants should review My ASU to monitor their application status, “To Do” items and “Holds”.

Admissions

Competitive applicants typically have a “B” (3.00 on a 4.00 scale) grade point average in the last 60 semester hours or 90 quarter hours of undergraduate coursework. If students do not meet the minimum GPA requirements, their application may still be considered by the department.
Academic units submit recommendations regarding admission decisions to Graduate Admission Services, but only the Dean of the Graduate College can make formal offers of admission.

Applicants monitor the status of their application through My ASU. If admitted, the formal letter of admission can be downloaded from My ASU. If denied admission, letters are sent via email to the address on record.

Campus Modality

Students may apply to programs that are both campus-based immersion programs, as well as online-based digital immersion. However, students must choose one modality to attend if admitted to both.

Progression Requirements

Applicants may be admitted with additional requirements and a deadline, as determined by the program of admission. These requirements may include successful completion of specific coursework or minimum grades and/or GPA. Additional requirements are outlined in the student admission letter and appear on the iPOS.

Admission Deferrals

Students may, with the recommendation of the degree program, defer their initial start semester and year of admission. Requests for deferrals must be submitted by the last day to drop a class for session C for campus immersion students and the last day to drop a class for session B for ASU Online students. Students who miss the deferral deadlines have the option to submit a petition for an enrollment exception for the original admit term.

International Student Admission

International students planning to attend ASU on an F-1 student visa or a J-1 exchange visitor visa must provide documentation required by the United States Citizenship and Immigration Services. Visa documents are only issued for international students enrolled in a degree program or the post baccalaureate teacher education program. There are strict regulations regarding when an I-20 or DS-2019 can be issued.

Academic Renewal

Academic renewal is a university policy administered to reset the graduate cumulative ASU GPA of a returning ASU graduate student. To request an academic renewal, applicants must have:

- Not previously received an academic renewal; and
- A cumulative ASU GPA below 3.0; and
- Been admitted to a graduate degree program after an absence from ASU of at least five calendar years; and
- Not been previously dismissed from ASU due to Academic Integrity or Student Conduct violations.

Students approved for academic renewal cannot apply any previously completed coursework or credit hours to their degree program and must complete all degree requirements after admission. All courses completed before and after the academic renewal remain on the transcript and may be considered when students apply for other graduate programs. To pursue an academic renewal, students should seek advising from the intended program of admission.

Registration and Enrollment

Graduate students register through My ASU according to their enrollment appointment. Details regarding registration and course drop/add procedures are provided in the Registration and Tuition Payment Guide.

My ASU is an important tool to use during your ASU experience. Among other helpful information, students can access next steps and to-do items for enrollment and registration holds that need attention.

Enrollment Deposit

All master's students admitted to campus immersion programs are required to submit a graduate enrollment deposit prior to registration.

Immunizations

All students admitted to campus immersion programs are required to have proof of measles immunizations on file with Student Health prior to registration.

Enrollment Verification Guidelines

The University's Registrar's Office will verify student enrollment each semester according to the general guidelines that follow.

Enrollment Guidelines for Graduate Students

Term	Full-time	3/4 time	Half time	Less than half time
Fall & Spring	9+ credits	7-8 credits	5-6 credits	1-4 credits
Summer	3+ credits	N/A	2 credits	1 credit

*Audited courses do not count toward full-time enrollment

International F-1 and J-1 students are required to maintain full-time enrollment status. Any exception to full-time enrollment must be previously approved by the International Students and Scholars Center (ISSC).

Registration for Students Holding Graduate Appointments

Students with Graduate Research or Teaching appointments (RA/TA) must maintain enrollment in a minimum of 6 non-audit credit hours during each fall and spring semester appointments, and a minimum of one non-audit credit hour for summer semester appointments. Academic units may have specific requirements regarding RA/TA appointments; students should consult with their degree program unit. Failure to maintain enrollment in the minimum required hours will result in the termination of their appointment. Students with RA/TA appointments should refer to the Graduate Assistant Handbook for more information.

Full-time equivalent (FTE) is a unit of measurement used to determine the number of hours students are involved in appointment activities. An FTE of 1.0 is equivalent to 40 hours per week. An FTE of 0.50 or 50% represents an appointment of 20 hours per week and is the maximum graduate appointment allowed by ASU.

RAs and TAs appointed for 50% FTE (20 hour per week) receive a tuition award (reflected as RA/TA Remission on their student account) for 100% of ASU graduate tuition. This appointment also provides premium coverage for ASU individual health insurance if the student elects for health insurance coverage. Please note, if health insurance is needed, students must select that option when registering for classes on My ASU; if they decline, they will be without coverage from the university. The university does not cover premiums for any other insurance plan.

RAs and TAs appointed for 25% FTE (10 hours per week) receive a partial tuition award (reflected as RA/TA Remission on their student account). Students are responsible for 50% of the Arizona base resident tuition costs. This appointment does not provide premium coverage for ASU individual health insurance.

RA and TA appointments do not cover university mandatory fees, program tuition and/or fees for the academic year or summer sessions; these are the responsibility of the student.

Due to federal regulations, international students may be appointed a maximum of 20 hours per week during fall and spring semesters.

International students may be allowed to work 40 hours per week during summer sessions. International students typically are not allowed to seek employment outside the university and should consult with the International Students and Scholars Center (ISSC) to confirm eligibility.

Maximum Course Load

The Graduate College does not have a maximum credit hour enrollment policy for degree-seeking students. It is expected that academic units will set course loads for their students that facilitate academic success.

Continuous Enrollment

Once admitted to a graduate certificate or degree program, students must be registered for a minimum of one graduate-level credit hour during all phases of their graduate education, including the terms in which they were admitted and graduate. This includes periods when students are engaged in research, conducting a doctoral prospectus, working on or defending theses or dissertations, taking comprehensive examinations, taking Graduate Foreign Language Examinations or in any other way utilizing university resources, facilities or faculty time.

Registration for every fall semester and spring semester is required. Summer registration is required for students taking examinations, completing culminating experiences, conducting a doctoral prospectus defense, defending theses or dissertations or graduating from the degree program. Summer registration is also required for students whose first matriculation term is the summer and for those graduating in the summer.

To maintain continuous enrollment, the credit hour(s) must satisfy one or more of the following:

- 500, 600, or 700-level graduate course
- 400-level undergraduate course that is a degree requirement on an approved iPOS
- Undergraduate course that is a progression requirement

Grades of "W" and/or "X" are not considered valid registration for continuous enrollment purposes. "W" grades are received when students officially withdraw from a course after the drop/add period.

"X" grades are received for audit courses. All other grades, including "E," "EU" and/or "EN" are considered valid registration for continuous enrollment purposes despite receiving no credit. "E" is a failing grade, "EU" is for failing and did not complete the course, and "EN" is for failing and never participated in the course. Undergraduate courses not included on the iPOS do not satisfy the Graduate College continuous enrollment policy.

Additionally, students completing work for a course in which they received an incomplete grade of "I" must maintain continuous enrollment as defined previously. Graduate students have one year to complete work for an incomplete grade; if the work is not complete and the grade changed within one year, the "I" grade becomes permanent and remains on the students' transcripts.

Leaves of Absence

Graduate students planning to discontinue registration for a semester or more must submit a Leave of Absence request via their Interactive Plan of Study (iPOS). Students may request a maximum of two semesters of leave during their entire program. Having an approved Leave of Absence by the Graduate College enables students to re-enter their program without re-applying to the university.

Students who do not register for a fall or spring semester without an approved Leave of Absence or enrollment exception are considered withdrawn from the university under the assumption that they have decided to discontinue their program. Students removed for this reason may re-apply for admission to resume their degree program; the application will be considered along with all other new applications to the degree program.

Students with a Graduate College approved Leave of Absence are not required to pay tuition and/or fees, but in turn are not permitted to place any demands on university faculty or use any university resources. These resources include university libraries, laboratories, recreation facilities or faculty and staff time.

Voluntary Withdrawal from ASU

Students who wish to withdraw from their graduate certificate or degree program and the university must complete and submit a Voluntary Withdrawal form. If withdrawing from the university, students must also withdraw from all courses. International students should contact the International Students and Scholars Center (ISSC) before submitting a Voluntary Withdrawal form, as it most likely will affect their visa status.

Voluntary Withdrawal for Choosing a New Program

Students who wish to discontinue a graduate program should complete and submit a Voluntary Withdrawal form. Students should not take this action until they have been admitted to the other graduate degree program.

Medical/Compassionate Withdrawal

There are appropriate circumstances when students may need to withdraw from the university (i.e., medical withdrawal, compassionate leave). The policies for such withdrawals are the same for both undergraduate and graduate students. An approved Medical/Compassionate Complete Withdrawal is valid towards meeting the continuous enrollment policy.

Non-Degree Students

Continuous enrollment is not required for students admitted as non-degree seeking. Students should check the enrollment requirements for courses before registering and contact the academic unit offering the course regarding registration questions. With the approval of the academic program, non-degree seeking students who decide to apply to a degree program may be allowed to apply up to 15 applicable credit hours taken within three years of admission to the degree program. Students should seek advising from the intended program for applicable course options.

Academic Progress

Satisfactory Academic Progress

All graduate students are expected to make systematic progress toward timely completion of their graduate program. This progress includes satisfying the conditions listed below, and achieving the benchmarks and requirements set by the individual graduate programs as well as the Graduate College. If a student fails to satisfy the requirements of their program and/or the benchmarks outlined below, the student may be dismissed from their program based on the academic unit's recommendation to the Graduate College, at which time the Dean of the Graduate College makes the final determination.

Satisfactory academic progress includes:

1) Maintain a minimum 3.00 for all GPAs (see definitions below).
2) Satisfy all requirements of the graduate program.
3) Satisfy the maximum time limit for graduation for the student's graduate program (six years for master's and certificates, ten years for doctoral), see "Time Limit" sections.
4) Successfully pass comprehensive exams, qualifying exams, foreign language exams, and the oral defense of the proposal/prospectus for the thesis or dissertation.
5) Successfully complete the culminating experience, if required.
6) **Remain continuously enrolled** in their graduate program. Failing to do so without a Graduate College approved Leave of Absence is considered a lack of academic progress and may result in the Graduate College withdrawing the student from their program. See full Leave of Absence rules above.

Grade Point Averages

Graduate students must maintain a minimum 3.00 (scale is 4.00 = "A") grade point average (GPA) to maintain satisfactory academic progress and to graduate. The minimum 3.00 GPA must be maintained on all GPA's (iPOS GPA, Overall Graduate GPA and Cumulative GPA).

1) The iPOS GPA is calculated on all courses that appear on the student's approved iPOS.
2) The Cumulative GPA represents all courses completed at ASU during the graduate career.
3) The Overall Graduate GPA is based on all courses numbered 500 or higher that appear on the transcript after admission to a graduate program (or graduate non-degree). This includes shared 500-level coursework taken as part of an approved accelerated bachelor's/master's program.

Transfer credits and some courses taken in the Sandra Day O'Connor College of Law are not calculated on in the iPOS GPA or the Graduate GPA.

Courses lower than a "C" cannot fulfill program requirements on the iPOS, but are included when calculating the cumulative and graduate GPAs. Courses with a permanent "I" grade cannot appear on the iPOS.

Academic Dismissal by the Graduate College

Students who do not comply with Graduate College policies for continuous enrollment or satisfactory academic progress are subject to dismissal from their graduate program after review by the Dean of the Graduate College.

In addition, academic units may recommend dismissal of students from graduate programs for lack of compliance with published departmental policies or lack of satisfactory academic progress. All such recommendations must be submitted to the Graduate College with appropriate documentation (e.g., nature of issue, communications with student). Students may appeal such recommendations at the level of their program, department, and/or college level. When they come to the Graduate College, they are reviewed for procedural due diligence only. If the Dean of the Graduate College (or the Dean's designee) concurs with the recommendation, the student receives the official notification of dismissal from the Graduate College. Only the Dean of the Graduate College may dismiss students from a graduate program due to lack of compliance with satisfactory academic progress policies.

Students who have been dismissed from a graduate program due to lack of compliance with published departmental or Graduate College policies or lack of satisfactory academic progress are immediately eligible to apply for admission as a non-degree student or to another graduate program. Students may reapply to the same program only after one year has passed from the term of the dismissal.

It is important to note that program dismissal is not an option for students who have been found in serious violation of ASU's Academic Integrity Policy by their unit; they must be recommended either for suspension (for a specified period of time) or expulsion (with no expectation of readmission) to the Provost's office, which has the ultimate authority in matters of suspension and expulsion. Students are afforded a final appeal at the university level in such cases.

Graduate Program Requirements

Determination of Academic Requirements

The requirements and policies that students must follow are based on the catalog, manual and program handbook for the semester and year of their admission to a graduate program. Students who do not maintain continuous enrollment and are re-admitted to the graduate program must follow the requirements and policies in effect at the time of the new admission. All graduate programs are required to maintain a program handbook specifying all program requirements and make it available to students at the beginning of their degree programs.

Academic Certificate Programs

Academic certificates are a programmatic series of linked courses. A graduate microcertificate requires 9 credit hours of graduate-level coursework at ASU. A graduate certificate requires a minimum of 15 credit hours of graduate-level coursework, although individual programs may require more credit hours.

Master's Degree Programs

A minimum of 30 credit hours of graduate-level coursework is required for a master's degree, although individual programs may have higher requirements.

For programs that include a culminating experience, this requirement may be a written comprehensive examination, a capstone course, an applied project, a written portfolio, a thesis or equivalent. Students who have a capstone or applied project course requirement must earn a grade of "B" or better. Students who do not earn a final grade of "B" or better must retake the course and earn a "B" or better to fulfill program requirements.

Doctoral Degree Programs

A minimum of 60 credit hours of graduate-level coursework are required for a professional doctorate degree. A minimum of 84 credit hours of graduate-level coursework and a written comprehensive examination are required for a PhD degree, although individual programs may have higher requirements. Additionally, the Foreign Language Examination, oral comprehensive examination and/or dissertation or equivalent may be required. A written comprehensive examination and prospectus (research proposal) is required for all programs requiring a dissertation.

Interactive Plan of Study (iPOS)

The Interactive Plan of Study (iPOS) functions as an agreement between the student, the academic unit and the Graduate College. The iPOS contains certain requirements such as coursework, a committee and a culminating experience, which must be specified before the final plan of study can be approved. The academic unit's graduate support staff should be the primary contact for questions regarding iPOS, degree and certificate requirements. The iPOS must be approved by the student's committee, the head of the academic unit, and the Dean of the Graduate College.

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement is monitored by the student's academic unit and is considered critical to satisfactory academic progress.

Coursework

Graduate-level courses are those numbered 500 or higher. All core courses required by a graduate program must be at least 500-level. A maximum of six credit hours of 400-level undergraduate coursework can be included on an iPOS if permitted by the curriculum and approved by the program. Undergraduate 400-level courses taken prior to admission and 400-level courses graded as "Pass/Fail" are not acceptable. Courses with grades of "D", "E", or "W" and audited courses (graded as "X") cannot be included on an iPOS. **Courses applied to a previously awarded degree cannot be included on an iPOS unless the student is enrolled in an approved course-sharing degree program or approved coursework from an awarded master's degree is applied toward a doctoral program.**

Any course with an incomplete grade ("I") must be completed within one calendar year of the end of the scheduled course. If a regular grade is not assigned within the calendar year, the "I" becomes permanent. The student will have to re-register for the course to receive credit.

Graduate students may register to audit one or more courses with the approval of the supervisory committee chair and the consent of the instructor involved. An audited course does not count toward the minimum number of credits required for international students with visa restrictions, students employed as

TA/RAs or students receiving financial assistance. Courses taken for audit do not satisfy the Graduate College continuous enrollment policy.

Undergraduate courses do not satisfy the Graduate College continuous enrollment policy unless they are noted on the admission letter as an additional requirement or they are approved by the academic unit to be listed on the iPOS.

Master's degree students whose culminating experience is a thesis must include 6 (and only 6) credit hours of 599 Thesis on the iPOS. Doctoral students whose culminating experience is a dissertation must include 12 (and only 12) credit hours of 799 Dissertation on the iPOS. Thesis and Dissertation credit hours may only receive grades of "Z" (research is in progress), or "Y" (research is satisfactorily complete). PhD students may apply up to 30 credit hours, sometimes referred to as a blanket 30, of appropriate coursework from a previously awarded master's degree toward one ASU PhD plan of study with approval of their academic unit and the Graduate College. Professional doctorates may apply either up to 15 or up to 30 credit hours of appropriate coursework from a previously awarded master's degree toward their doctoral plan of study with approval of their academic unit and the Graduate College. Students should consult their program handbook for specific rules regarding their professional doctorate.

Petitions

A formal request for an exception to any Graduate College policy requires a petition to be completed by the student and must be approved by the committee chair and the head of the academic unit. The Graduate College reviews the petition and makes a final determination. The Graduate College Dean has final authority in all matters of Graduate College policy.

Pre-Admission Credits

Credit hours completed at ASU or at another regionally accredited U.S. institution or international institution officially recognized by that country, before the semester and year of admission to an ASU graduate program, are considered pre-admission credits. With approval of the academic unit and the Graduate College, students may include a maximum of 15 graduate-level credit hours with grades of "B" or better that were not used towards a previous degree. Coursework taken while completing another degree awarded at another institution cannot apply to an ASU graduate degree, except for the blanket credit hours of appropriate coursework from a previously awarded master's degree that can be used towards a doctoral degree, or unless enrolled in an approved course-sharing degree program. Pre-admission credits completed at another institution must also meet the "Transfer Credits" criteria outlined below.

Pre-admission credits must have been taken within three years of admission to the ASU degree or certificate program to be accepted. If special approval is granted for coursework older than three years from the admission term to apply towards the program, the maximum time limit may be updated to reflect the start date of the pre-admission coursework.

Note: All ASU credits used to earn a graduate microcertificate or graduate certificate may also be used towards a graduate degree, pending a course is evaluated to fulfill a degree requirement. The graduate microcertificate or graduate certificate must have been completed within three years of admission to the degree program and applicable courses must have been completed with grades of "B" or better.

With program and Graduate College approval, former ASU graduate students who are admitted and reenroll in a program in which they were previously enrolled may apply previously completed ASU coursework to their program. Returning ASU graduate students may have additional flexibility in the pre-admission time limit and credit hour limit. The maximum time limit may be updated to reflect the start date of the pre-admission coursework.

Graduate Credits Earned by ASU Undergraduate Students

An undergraduate degree and a graduate degree may not be awarded during the same term of enrollment. Students must be admitted and registered as graduate students to earn a graduate microcertificate, graduate certificate, master's degree or doctoral degree at ASU.

Accelerated Master's

ASU students enrolled in an approved Accelerated Master's degree program (formerly referred to as 4+1), may use a maximum of 15 pre-admission credit hours, which may be shared between a bachelor's and master's program. Students must contact their ASU undergraduate advisor and graduate support staff to ensure proper sharing of credit hours. See "Accelerated Master's Programs" under "Master's Degree" for more information.

Reserved Credit

Upon approval by the unit and the Graduate College, undergraduate ASU seniors with at least a 3.0 cumulative GPA may reserve up to 15 graduate-level credit hours (6 credits of which may be 400-level), for possible use towards a future ASU graduate program. Reserved courses must have grades of "B" or better and have been completed within three years of enrollment in the graduate program. Courses must be officially reserved in the Degree Audit System (DARS) for eligibility and may not be used towards any baccalaureate graduation requirement. Students may not exceed the 15-credit hour pre-admission policy.

Transfer Credits

Transfer credits include any graduate-level credits earned at another institution, either pre-admission or while active in an ASU graduate program, that are used to fulfill ASU graduate program requirements. To apply credits earned at another institution toward an ASU graduate program, official transcripts from the regionally accredited U.S. institution or officially recognized international institution must be sent to Graduate Admission Services from the records office of the institution where the credits were earned. Graduate credit transferred from another institution may be applied toward only one ASU degree program.

Certain types of graduate credits cannot be applied, including credits awarded in the following situations:

- By postsecondary institutions that lack candidate status or accreditation by a regional accrediting association, or an equivalent international institution.
- Life experience.
- Courses taken at non-collegiate institutions (e.g., government agencies, corporations, and industrial firms).
- Courses, workshops and seminars offered by other postsecondary institutions as part of continuing education programs.
- Extension courses on a case-by-case basis.

Academic credits earned at institutions other than ASU that base their credit calculation on a different scale from ASU's are subject to conversion before inclusion on the iPOS. In all cases, the inclusion of transfer courses on the iPOS is subject to approval by the academic unit and the Dean of the Graduate College.

Sandra Day O'Connor College of Law Credit

The Graduate College accepts a numerical grade of 70 or higher for courses taken in the ASU Sandra Day O'Connor College of Law as part of an approved plan of study. These grades are not used in the two GPAs calculated for graduation unless needed, as determined by the Graduate College. The Sandra Day O'Connor College of Law also utilizes a letter grade system for coursework; letter grades are submitted as part of an approved plan of study and are calculated in the GPAs.

Repeating ASU Courses

Graduate students (degree or non-degree) may retake some courses at ASU. Students cannot register for a course that is not designated as repeatable for credit in the catalog if they are currently enrolled in it or previously completed it with a grade of "C" or better. If a student earned a "C" or better but did not meet the required grade for their degree program, the student must obtain approval from the academic unit offering the course. All grades, original and repeated, are part of the students' permanent academic record, remain on their official transcript and are included in all GPA calculations.

Graduate Foreign Language Examination (FLE)

Graduate programs may require at least a reading level proficiency of a foreign language relevant to the area of study. Students who are required to demonstrate proficiency in a foreign language must pass the Graduate Foreign Language Examination specific to their particular graduate program. Students must be enrolled for a minimum of one credit hour during the term in which they take the examination.

Students must successfully complete the Foreign Language Examination before taking any required comprehensive examinations or scheduling the final oral defense of the thesis or dissertation. Students may submit a petition to the Graduate College for a re-examination but must pass the examination in no more than three attempts.

Completing Programs Concurrently

Students may pursue degrees in different academic areas at the same time with prior written approval from the head of the academic unit for each degree program and the Graduate College. Approval is not required to pursue a simultaneous certificate and degree program. A separate online application is required for each program, except in the case of predefined concurrent programs.

Students must maintain continuous enrollment as previously defined. Please see each academic unit for specific satisfactory academic progress and program rules, including registration requirements. If a leave of absence is needed, students must submit a separate request for each program. Students may not be registered for coursework for either program while on a leave of absence.

The maximum time limit for completing degree requirements and graduation apply to each active program individually (six years for graduate microcertificates, graduate certificates and master's degrees; ten years for doctorates).

Pre-approved Concurrent Degree Programs

The Graduate College has formally approved coordinated concurrent degree programs that students can pursue by submitting one graduate application. These programs have specific set shared hours approved in their proposals. Units should refer to these to review the proper shared credit hours and other applicable policies.

Shared Coursework

Coursework common to two or more programs must constitute a well-planned and meaningful part of each program. In all cases, the guidelines below must be followed:

- Coursework from graduate microcertificates or graduate certificates may be shared with a degree program if the microcertificate or certificate was completed within three years of admission to the degree program.
- Culminating experiences and comprehensive examinations cannot be shared between degree programs but may be shared between a graduate certificate and a master's degree, when appropriate.

If all other criteria are met, the table below outlines the **maximum number of credits** that can be shared between different credentials with appropriate approvals:

	Microcertificate	Certificate	Master's	Doctorate
Microcertificate	None	All	All	All
Certificate	All	20% of total credits with one semester of program overlap	All	All
Master's	All	All	20% of total credits with one semester of program overlap	12 credits if completing programs simultaneously*
Doctorate	All	All	12 credits if completing simultaneously*	12 credits

*In addition to 15-30 blanket credits from a previously awarded master's degree when appropriate

The total number of credit hours common to two degree programs may vary from this maximum only when the Graduate College has formally approved coordinated concurrent degree programs.

Master's Degree

Master's Degree Interactive Plan of Study (iPOS)

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement is monitored by their academic unit and is considered critical to satisfactory academic progress. Students are not eligible to schedule a comprehensive examination or defense without an approved iPOS.

Master's Degree Minimum Credit Hours

A minimum of 30 credit hours of graduate work is required for a master's degree at ASU. No more than 50% of coursework applied toward a master's degree may be awarded "Y" grades.

If a thesis is required, six (and only six) of the minimum required credit hours on an iPOS must be 599 Thesis credits. Interactive Plans of Study submitted for master's degrees that do not have a thesis requirement cannot include 599 Thesis credits. If an applied project or capstone is required, the applied project course (XXX 593) or capstone course must be included on the iPOS and requires a grade of "B" or better.

Master's Degree Maximum Time Limit

All work toward a master's degree must be completed within six consecutive years. The six years begin with the semester and year of admission to the program. Graduate courses taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program. If coursework completed over three years ago is applied towards a degree program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the pre-admission coursework. Programs may require a shorter time limit for degree completion in the program's handbook.

Any exception to the time limit policy must be approved by the supervisory committee and the head of the academic unit. Exceptions of six years or more require review and approval by the Dean of the Graduate

College. The Graduate College may withdraw students who are unable to complete all degree requirements and graduate within the allowed maximum time limits.

Master's Degree Supervisory Committee

A master's supervisory committee must be appointed before the student may apply for the comprehensive examination or before the student can register for 599 Thesis credits (if applicable). The committee is appointed by the Dean of the Graduate College upon the recommendation of the head of the academic unit. For programs requiring a thesis or written examination, the supervisory committee comprises a minimum of three members, including a chair or two co-chairs. At a minimum, the Chair or Co-Chair of the committee is required to be active ASU faculty or an approved faculty affiliate.

Master's faculty have expertise in the student's area of study, or in a specific element of a student's thesis or applied project. These faculty can include tenure-track faculty, career-track faculty, and clinical or research professors. Master's faculty endorsed to chair must have a terminal degree. Professionals external to ASU can be added to master's faculty with either a terminal degree or with significant experience in the area.The chair of the committee is typically from the student's degree program and should be carefully selected by the student to guide their work.

Master's Thesis/Thesis Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to scheduling a defense. See the Supervisory Committee section and the Thesis/Dissertation section below for more information.

Non-thesis Master's Culminating Experiences

Master's degrees that require a non-thesis culminating experience must include a written comprehensive examination, capstone course, applied project or written portfolio. The Graduate College office requires a written component to the comprehensive examination; academic units may also require an oral component. Students must have an approved iPOS prior to scheduling their comprehensive examination and/or registering for their applied project or capstone course. An applied project requires registration in the Applied Projects course (XXX 593) and requires a grade of "B" or better. A capstone course requires a grade of "B" or better.

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") in the semester of the culminating experience.

Students are required to register for at least one semester hour of appropriate graduate-level credit during the fall, spring or summer session in which they complete their culminating experience.

Master's Comprehensive Examination

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to taking master's comprehensive examinations. Foreign language requirements, if applicable, must be fulfilled before taking comprehensive examinations.

Students are required to register for at least one semester hour of appropriate graduate-level credit during the fall, spring or summer session in which they take their comprehensive examinations. If the date of defense falls between semesters, the student is required to register for the next available semester.

The master's comprehensive examination must have a written component; however, individual master's degree programs may require an additional oral component of the comprehensive exam for all of their students based on the academic progress policy of the program.

Students must schedule the comprehensive examination with their academic unit. All comprehensive examination results must be reported to the Graduate College office via the students' iPOS immediately upon completion.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a re-examination. **Only one re-examination is permitted.** A petition with substantial justification for re-examination, endorsed by the members of the students' supervisory committee and the head of the academic unit, must be approved by the Dean of the Graduate College before students can take the examination a second time.

Re-examination may be administered on a timeline recommended by the committee chair and made in consultation with the committee, which should be no later than 12 months from the date of the original examination. The Graduate College office may dismiss a student from the degree program if the student's petition for re-examination is not approved, or if the student fails to successfully pass the retake of the comprehensive examination(s).

Students choosing to appeal the results of their comprehensive examinations must follow the grade appeals process outlined by their academic unit.

Students who have received a final result of failure in the comprehensive examination will be recommended for dismissal by the academic unit.

Course-Based Master's Degrees

Select master's degrees are course-based and do not require a culminating experience. Students must maintain a minimum 3.00 for all GPAs and satisfy all course requirements of the graduate program.

MAS in Advanced Studies

The Master of Advanced Study (MAS) in Advanced Studies allows students to combine two 15+ credit-hour graduate certificates and a culminating experience to earn a master's degree.

Accelerated Master's Programs

ASU allows for the simultaneous pursuit of an undergraduate and graduate degree in certain pre-approved programs. In such cases, the program must be approved by the Dean of the Graduate College. Undergraduate students must meet the unit's criteria for approval to pursue their accelerated program and be granted consent to complete up to 15 credits of graduate coursework.

Students must contact their ASU undergraduate advisor and graduate support staff to ensure proper sharing of credit hours. Students may not share any credit hours taken as an undergraduate student unless they are participating in an approved Accelerated Master's program. Students must meet minimum admissions standards to be admitted to the master's portion of the accelerated program. Credit hours taken as an undergraduate student may only apply to the master's degree if an Accelerated Master's student enrolls in the master's degree within three years of completing their bachelor's degree.

Doctor of Philosophy Degree

Doctor of Philosophy (PhD) Degree Interactive Plan of Study (iPOS)

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement is monitored by their academic unit and is considered critical to satisfactory academic progress.

Students are not eligible to apply for the Foreign Language Examination (if applicable), comprehensive examinations, dissertation proposal/prospectus or dissertation defense (if applicable) without an approved iPOS.

PhD Degree Minimum Credit Hours

A minimum of 84 credit hours of graduate work is required for a PhD degree at ASU. If a dissertation is required, 12 (and only 12) of the minimum required credit hours on the iPOS must be 799 Dissertation credits. Students may apply up to 30 credit hours from a previously awarded master's degree toward their PhD iPOS with approval of the program and supervisory committee and the Dean of the Graduate College. The credit hours must be from a regionally accredited or internationally recognized institution.

PhD Degree Maximum Time Limit

PhD students must complete all program requirements within a ten-year period. The ten-year period begins with the semester and year of admission to the PhD program. Graduate courses taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program (previously awarded master's degrees used on the iPOS are exempt). If older coursework is being applied towards a degree program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the pre-admission coursework. Programs may require a shorter time limit for degree completion in the program's handbook.

Any exception to the time limit policy must be approved by the supervisory committee and the head of the academic unit. Exceptions of 10 years or more require review and approval by the Dean of the Graduate College. The Graduate College may withdraw students who are unable to complete all degree requirements and graduate within the allowed maximum time limits.

Supervisory Committee

All PhD programs have a Graduate Faculty who must be an active ASU tenured/tenure track faculty member with a PhD or equivalent in their discipline, interdiscipline, or related discipline with demonstrated equivalent education and experience. In addition, individuals who hold appropriate related ASU appointments (teaching and research professors) or positions at ASU affiliates (Mayo, tGen, BNI, Banner) may also be appointed members of the Ph.D. faculty. It is expected that Ph.D. faculty have an ongoing record of professional engagement. Each PhD program maintains a list of faculty members approved by the Graduate College to chair or co-chair PhD dissertations. Additional information regarding ASU Graduate Faculty can be found at graduate faculty guidelines.

Students are guided by faculty mentors who advise them through their degree program. Students should identify their advisors early in their graduate career and look to them for guidance in their graduate work. Once students have selected a supervisory committee, the head of the academic unit recommends the supervisory committee to the Dean of the Graduate College who reviews and appoints the committee. Graduate supervisory committees must consist of a minimum of three individuals, including a chair or two co-chairs.

PhD programs may have additional requirements for committee composition. This committee serves as the intellectual guide for students and must approve the research/scholarly focus and substance of the dissertation. The members of the dissertation committee have the necessary knowledge and skills to advise the student during the formulation of the research topic and during the completion of the research and the dissertation.

Dissertation chairs and co-chairs must be approved by the Dean of the Graduate College and each degree program maintains a list of faculty members approved by the office for the Graduate College. Most resident

faculty at ASU may serve on dissertation committees with the proviso that they have appropriate expertise in the discipline. At a minimum, the Chair or Co- Chair of the committee is required to be ASU or approved ASU-affiliate faculty.

Doctoral students are urged to communicate with their academic unit to confirm eligibility of faculty to chair doctorate committees early in the planning of their dissertation projects.

Academic programs provide guidance to students for securing the supervisory committee. The final committee membership must be appointed by the Dean of the Graduate College before the student may apply for comprehensive examinations, defend the dissertation prospectus, and register for 799 Dissertation course credits (if applicable).

Supervisory Committee Roles and Responsibilities

The chair or supervisor is principally responsible for directing student work and facilitating the work of the committee. Typically, this involves working with the student to develop the overall approach to and plan of work for the project, including its timeframe and budget; providing initial review and guidance for the proposal and chapter drafts; reviewing and approving all subsequent drafts; helping to reconcile the comments of committee members on those drafts; ensuring the document meets ASU format and publication standards; and facilitating the defense and final revisions, as necessary.

The other members of the committee are responsible for providing additional research guidance according to their expertise; providing detailed feedback on prospectus and thesis/dissertation drafts; working with the student and the chair to reconcile differing comments; attending the defense; and reviewing any final revisions required.

The student is responsible for coordinating prospectus and thesis/dissertation defense meeting times and places; for providing all materials requested/approved by the chair to be distributed to committee members; and for communicating with committee members about review timeframes in order to meet all Graduate College deadlines.

On the occasion that committee members must be replaced, students may do so with the approval of their chairs via an iPOS petition to the Graduate College. In instances where the chair must be replaced, or if a complete committee reconstitution must occur, students are advised to consult with the director of the graduate program and/or school leadership for assistance. The academic college dean would need to appoint a qualified designee to serve as a replacement for a chair.

PhD Comprehensive Examination

Students must be in good academic standing regarding GPA requirements (see previous section titled “Satisfactory Academic Progress”) prior to taking PhD comprehensive examinations.

When students have essentially completed the coursework on an approved iPOS, they must request permission to take the PhD comprehensive examination. The PhD comprehensive examination must have a written component; however individual PhD programs may require an additional subsequent oral component of the comprehensive exam for all of their students based on the academic progress policy of the program. These examination(s) are designed to assess students’ mastery of the field of specialization.

PhD comprehensive examination(s) are administered by a committee consisting of a minimum of three members. Specific professional doctorate programs may not require a written or comprehensive exam.

Foreign language requirements, if applicable, must be satisfied before taking the comprehensive examination(s).

Students are required to register for at least one semester hour of appropriate graduate-level credit during the fall, spring or summer session in which they take their comprehensive examinations. If the date of defense falls between semesters, the student is required to register for the next available semester.

Students must schedule the comprehensive examination with their academic unit. All comprehensive examination results must be reported to the Graduate College office via the students' iPOS immediately upon completion.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a re-examination. **Only one re-examination is permitted.** A petition with substantial justification for re-examination, endorsed by the members of the students' supervisory committee and the head of the academic unit, must be approved by the Dean of the Graduate College before students can take the examination a second time.

Re-examination may be administered on a timeline recommended by the committee chair and made in consultation with the committee, which should be no later than 12 months from the date of the original examination. The Graduate College may dismiss a student from the degree program if the student's petition for re-examination is not approved, or if the student fails to successfully pass the retake of the comprehensive examination(s).

Students choosing to appeal the results of their comprehensive examinations must follow the grade appeals process outlined by their academic unit.

Students who have received a final result of failure in the comprehensive examination will be recommended for dismissal by the Academic Unit.

PhD Prospectus Defense

All students in programs that require a dissertation are required to conduct a dissertation proposal/prospectus defense, which is scheduled and overseen by the academic unit. Results of the defense are submitted via the student's iPOS. Failure of the proposal/prospectus oral defense is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a second proposal defense. If a second defense is approved, students must submit the new prospectus by the end of six months (beginning from the date that the first PhD dissertation proposal defense was held). If the academic unit does not grant the students permission to retake the proposal defense, or if the students fail to pass the retake of the proposal defense, the Graduate College may dismiss the students from the degree program.

Students are required to register for at least one semester hour of appropriate graduate-level credit during the fall, spring or summer session in which they conduct their PhD prospectus.

PhD Candidacy

PhD students (with specific degree program exceptions approved by the Dean of the Graduate College) achieve candidacy status upon the successful completion of the comprehensive examination(s), the Foreign Language Examination (if applicable), and successfully defending the dissertation prospectus (if applicable). PhD students who have advanced to candidacy are required to maintain continuous enrollment until all degree requirements have been completed and they have graduated.

PhD Dissertation/Dissertation Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to scheduling the defense. Also see "Thesis/Dissertation Consideration" section for more information.

Master's in Passing (MIP)

Where there is an approved Master's in Passing (MIP) program in place for a doctoral degree, those doctoral students who complete the requirements of the approved MIP may be awarded the related master's degree. Students should check with their doctoral program to see if there is an approved MIP for their degree. Students with an existing master's degree in the same discipline are not eligible.

Students who include any blanket hours from a previously awarded master's degree on their doctoral iPOS are not eligible for a Master's in Passing.

Professional Doctorate Degree

Professional Doctorate Degree Interactive Plan of Study (iPOS)

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement is monitored by their academic unit and is considered critical to satisfactory academic progress.

Students are not eligible to apply for the following, if applicable, without an approved iPOS: Foreign Language Examination, comprehensive examinations, dissertation proposal/prospectus or dissertation defense, applied project or capstone.

Professional Doctorate Degree Minimum Credit Hours

A minimum of 60 credit hours of graduate work is required for a professional doctorate degree at ASU. If a dissertation is required, 12 (and only 12) of the minimum required credit hours on the iPOS must be 799 Dissertation credits. Interactive Plans of Study submitted for professional doctorate degrees that do not have a dissertation requirement cannot include 799 Dissertation credits. With approval of the program and supervisory committee and the Dean of the Graduate College, students may apply up to 15 credit hours from a previously awarded master's degree towards the iPOS for professional doctorate programs requiring less than 84 credits. Students may apply up to 30 credit hours from a previously awarded master's degree towards the iPOS for professional doctorate programs requiring 84 credits. The credit hours must be from a regionally accredited or internationally recognized institution.

Professional Doctorate Degree Maximum Time Limit

Professional doctorate students must complete all program requirements within a ten-year period. The ten-year period begins with the semester and year of admission to the professional doctorate program. Graduate courses taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program (previously awarded master's degrees used on the iPOS are exempt). If older coursework is applied towards a degree program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the preadmission coursework. Programs may require a shorter time limit for degree completion in the program's handbook.

Any exception to the time limit policy must be approved by the supervisory committee and the head of the academic unit. Exceptions of 10 years or more require review and approval by the Dean of the Graduate College. The Graduate College may withdraw students who are unable to complete all degree requirements and graduate within the allowed maximum time limits.

Supervisory Committee

All professional doctorate programs have a Graduate Faculty who must have expertise in the student's area of study or a specific element of a student's dissertation or applied project. These faculty can include tenure-track/tenured faculty, career-track faculty, and clinical or research professors. Faculty endorsed to chair

must have a terminal degree and an ongoing record of research, scholarly or creative productivity in the program discipline, interdiscipline, or related discipline. Additional information regarding ASU Graduate Faculty can be found at graduate faculty guidelines.

Students are guided by faculty mentors who advise them through their degree program. Students should identify their advisors early in their graduate career and look to them for guidance in their graduate work. Once students have selected a supervisory committee, the head of the academic unit recommends the supervisory committee to the Dean of the Graduate College who reviews and appoints the Committee.

ASU offers professional doctorate degrees that require a dissertation and some that do not. Professional doctorate programs that require a dissertation must follow the same committee guidelines as PhD programs. Professional doctorate programs that do not require a dissertation may have different requirements for committee composition, including the minimum number of committee members. All professional doctorate programs require an approved faculty committee.

Like PhD programs, all Chairs and co-chairs must be approved by the Dean of the Graduate College and each degree program maintains a list of faculty members approved by the office for the Graduate College. Most resident faculty at ASU may serve on committees with the proviso that they have appropriate expertise in the discipline. At a minimum, the Chair or Co- Chair of the committee is required to be ASU or approved ASU-affiliate faculty.

All doctoral-level students (including PhD, AuD, DBA, DBH, DCJ, DEng, DIT, DMA, DNP, DPP and EdD) are urged to communicate with their academic unit to confirm eligibility of faculty to chair their committees early on in the planning of their culminating experience.

The final committee membership must be appointed by the Dean of the Graduate College before the student may apply for, if applicable, comprehensive examinations, dissertation proposal/prospectus or dissertation defense, or register for culminating event course credits. Standard supervisory committee roles and responsibilities apply to professional doctorate committees.

Professional Doctorate Degree Culminating Events

Professional doctorate degrees that require a dissertation follow all standard policies regarding the comprehensive exams, prospectus, defense, and dissertation. Specific professional doctorate degree programs may not require a dissertation, but may still require a written or oral comprehensive exam. For professional doctorate programs that require comprehensive exams, students must follow the same standards for comprehensive exams for PhD students.

Instead of a dissertation, some professional doctorate programs may require a culminating event of an independent applied project or a capstone course, both of which require a written component and a final grade of B or better. Specific academic programs may also require an oral presentation or poster session as a component of these culminating event options. The written component, oral presentation, and poster sessions do not follow the same requirements as outlined by the Graduate College for the standard PhD defense and format process.

All students are required to register for at least one semester hour of graduate level credit during the fall, spring or summer session in which they conduct their culminating event.

Graduate Microcertificates and Graduate Certificates

Graduate microcertificates and graduate certificates are a programmatic series of linked courses. Graduate microcertificates and graduate certificates facilitate professional growth for people who already hold the

baccalaureate degree. For more information on current graduate microcertificates and graduate certificates see the Graduate Degree and Certificate search.

Microcertificate and Graduate Certificate Interactive Plan of Study (iPOS)

Graduate students are required to complete their iPOS in their first enrolled semester. This requirement is monitored by their academic unit and is considered critical to satisfactory academic progress.

Microcertificate and Graduate Certificate Admission

All applications for graduate microcertificate and graduate certificate programs must be submitted through the graduate application portal.

Microcertificate Requirements

A graduate microcertificate requires nine semester hours of graduate coursework. All microcertificate coursework must be completed at ASU. No more than 50% of coursework applied toward a graduate microcertificate may be awarded "Y" grades.

Graduate Certificate Requirements

A graduate certificate requires a minimum of 15 semester hours. No more than 50% of coursework applied toward a graduate certificate may be awarded "Y" grades. No more than 20% of the minimum required credit hours for a graduate certificate may be transferred from another university. All transfer and pre-admission coursework must meet the Graduate College policies. A maximum of six credit hours of 400-level undergraduate coursework can be included on a graduate certificate (not a microcertificate) iPOS if permitted by the curriculum and approved by the program

Sharing Credits with Microcertificates and Graduate Certificates

All credit hours earned in a graduate microcertificate or graduate certificate program can be applied towards a degree program. All credit hours earned in a degree program can be applied towards a graduate microcertificate or graduate certificate if:

- pre-admission policies are followed
- admission to the graduate microcertificate or graduate certificate occurred prior to the completion of all courses required for that credential

If a student completes two graduate certificates, they may share no more than 20% of the total minimum required credit hours for both graduate certificates. Students may use all credits earned in a graduate microcertificate toward the requirements of a graduate certificate, master's or doctoral degree. Credits cannot be shared between multiple microcertificates. See the "Shared Coursework" section for more information.

Satisfactory Academic Progress

All graduate students are expected to make systematic progress toward completion of their graduate microcertificate or graduate certificate program. Graduate students pursuing an undergraduate certificate program are held to graduate satisfactory academic progress requirements.

Microcertificate and Certificate Maximum Time Limit

All work toward a graduate microcertificate or graduate certificate must be completed within six consecutive years. The six years begin with the semester and year of admission to the program. Graduate courses

taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program. If coursework completed over three years ago is being applied towards a graduate microcertificate or graduate certificate program as pre-admission coursework, the maximum time limit may be updated to reflect the start date of the pre-admission coursework. Programs may require a shorter time limit for completion in the program's handbook.

Any exception to the time limit policy must be approved by the supervisory committee and the head of the academic unit. Exceptions of six years or more require review and approval by and the Dean of the Graduate College. The Graduate College may withdraw students who are unable to complete all certificate requirements and graduate within the allowed maximum time limits.

Awarding of a Graduate Microcertificate or Graduate Certificate

Students are eligible for the official posting of the graduate microcertificate or graduate certificate to their transcripts when all applicable coursework has been successfully completed and Graduate College requirements have been met (including a 3.0 minimum iPOS, Graduate and Cumulative GPA). Students must submit an approved iPOS and apply for graduation in order to complete the graduate microcertificate or graduate certificate program.

Thesis/Dissertation

Format Manual and Format Wizard

Students must use the Format Manual to prepare their thesis/dissertation. The Format Manual is a comprehensive guide to formatting a thesis, dissertation or equivalent document and it always overrides a style guide if the two conflict. Questions regarding the Format Manual requirements should be directed to gradformat@asu.edu.

Use of the Graduate College's Format Wizard is required for all students going through the format process. The Format Wizard generates a template into which students can insert their document's text. It is designed to help students with the basic format requirements such as margins and spacing and greatly improves the format review process for students.

Thesis/Dissertation Research

The master's thesis and doctoral dissertation (or equivalent) must be based on original and independent research/creative activity conducted by students, under the guidance of the graduate supervisory committee. The thesis is an introduction to scholarly writing and is intended to create an understanding of theory and methods applicable to one's field. The dissertation should demonstrate the candidates' mastery of research and scholarly methodologies, theory and tools of the discipline. Both the thesis and dissertation should demonstrate the candidates' ability to address a major intellectual problem and to propose meaningful questions and hypotheses, as well as utilize the methods with which to study the proposed research question(s) and related hypotheses, and draw justifiable conclusions based on the research conducted.

The written doctoral dissertation is based on original and substantial scholarly work that constitutes a significant contribution to knowledge in the student's discipline. The dissertation research must be conducted during the time of the student's doctoral studies at ASU, under guidance of ASU Graduate Faculty and in accordance with Graduate College policies and procedures. The composition of the dissertation is defined by the degree program with the approval of the Dean of the Graduate College.

Research Involving Human and Animal Subjects

Theses or dissertations that make use of research involving human or animal subjects must include an official statement indicating that the research has been approved by the appropriate university body.

Research involving human subjects conducted under the auspices of Arizona State University is reviewed by the University Human Subjects Institutional Review Board (IRB) in compliance with federal regulations. Documents containing any data collection from human subjects require that applications be submitted to the ASU Office of Research Compliance for approval **before** data collection or recruitment of subjects is initiated.

Research involving the use of animals conducted under the auspices of Arizona State University is reviewed by the Institutional Animal Care and Use Committee (IACUC) in compliance with federal regulations. Documents containing any data collection from animal research require that applications be submitted to the ASU Office of Research Compliance for approval.

It is very important that students check with their supervisory committee or chair well in advance of data collection to ensure compliance with university regulations regarding the collection of research data. Students who are required to submit their document through Graduate College format review must attach the IRB (or IACUC) approval as an appendix to their document.

Generative Artificial Intelligence (AI) in Culminating Experience

Generative artificial intelligence (AI) is rapidly evolving, and the Graduate College at Arizona State University upholds standards for academic integrity and rigor. This document provides guidance on the use of generative AI within the context of the graduate culminating experience, including written and oral examinations, portfolios, applied projects, capstone courses, master's theses, and doctoral dissertations. Updated guidance and policies may be issued in the future to adapt to changing technology, legal frameworks and ethical standards.

The graduate student's committee is responsible for determining permissible amounts and types of generative AI–if any–to use as a support tool for the student's culminating experience. It is the student's responsibility to consult with their committee to understand appropriate and allowable uses of generative AI for their culminating experience. If the committee permits the use of generative AI, the student must be transparent about their use of generative AI and correctly attribute all uses in their document(s).

If a committee finds that a student utilized an unallowed generative AI tool or produced a significant portion of their culminating work using generative AI, they should report the violation according to the ASU Student Academic Integrity Policy. When in doubt refer to the ASU Student Academic Integrity Policy.

Additional information and resources
Refer to the ASU Artificial Intelligence site, Office of the University Provost site and ASU Library Guide on generative AI for frequently asked questions (FAQs) and more information about citing AI models, permanent links to AI results, and uses of AI in research.

All culminating experience documents are required to use the ASU Format Wizard and Format Manual for proper formatting before submission in the iPOS. Students and their committee chair(s) are responsible for ensuring that documents meet ASU format requirements.

Thesis/Dissertation Defense

Thesis and dissertation defenses are open to all members of the university community and the general public. The oral defense engages the supervisory committee and the candidate in a critical and analytical discussion of the research and findings of the study, as well as a review of the contribution of the research

topic to advancing knowledge in that discipline. The presentation of a thesis or dissertation defense in an open forum fosters a broader awareness of the state of graduate research at ASU, promotes a wider scholarly dialogue among disciplines, and recognizes publicly the scholarly contributions of master's or doctoral candidates. The defense information will be published on the Graduate College Master's/Doctoral Defense Calendar.

Scheduling and Holding the Defense

Students with a thesis or dissertation as a culminating event are required to present and defend it in a public oral examination and to the satisfaction of the supervisory committee. Students must schedule the defense in the iPOS at least 10 business days prior to the planned defense and have it approved by the program. See Graduation Deadlines.

Students work with their supervisory committee and the academic unit's graduate support staff to identify a suitable date and reserve a room (for in-person defenses). Defenses that are held without being scheduled with the Graduate College are considered invalid.

Students must be registered for at least one semester hour of appropriate graduate-level credit.

Students must be physically present at the oral defense of their thesis, dissertation or equivalent document unless the student is in an online program that requires a thesis/dissertation and a virtual defense was approved by the committee and the Graduate College. It is expected that oral defenses are held on an ASU campus (for in-person defenses) and during regular business hours (8 a.m. to 5 p.m. AZ Mountain Standard Time) in order to facilitate student, faculty, and public accessibility. A student has the option to include a virtual link to encourage audience attendance. When there are sound educational reasons for holding a defense under different circumstances, contact the Graduate College for approval before scheduling the defense.

All members of a student's supervisory committee must attend the final oral defense of a thesis or dissertation. However, there are situations (e.g. faculty travel, faculty emergencies and/or faculty leave) that may necessitate holding a defense with one or more committee member(s) absent. The committee chair must be in attendance and 50% of the entire committee is required to attend in person. If a committee member cannot attend, a qualified substitute must be appointed to attend in their place. The substitute should be a regular faculty member within the academic unit. In these circumstances, the Graduate College must be notified with the name of the member who will be absent, the faculty member who will attend as a substitute, and the student's name and ID number. This information must be submitted before the defense.

Once a defense has been scheduled and approved in the iPOS, students must submit a complete draft copy of the thesis/dissertation to be defended by uploading the document to the "Format" tab of their iPOS at least 10 days before the defense.

Passing the Defense

At the completion of the defense, faculty determine if the student has passed or failed the defense, or if the submitted document requires revisions. Defense results are considered final. Failure will result in dismissal from the program. Therefore, it is important that the faculty committee review a student's readiness to defend prior to scheduling the defense. The initial defense results must be submitted by all committee members via the defense results tab in the iPOS within 10 days after the defense occurrence. If there are revisions required by the committee, they must be completed and approved by the committee before a full "Pass" can be designated in the iPOS. If the committee's requested revisions are not completed by the graduation deadlines for the semester of the defense, the student must maintain continuous enrollment until they are completed. If they are not successfully completed within one year of the defense, re-submission of the document and a re-defense of the thesis or dissertation may be required in order to ensure currency of the research.

Format Review

Students who are required to complete a thesis or dissertation as part of their graduate program must submit their document to the Graduate College for format review. Format revisions are typical and must be completed in a timely manner. If students are unable to complete format revisions and submit to UMI/ProQuest by the deadline for the semester in which the defense is held, they must complete the revisions, remain continuously enrolled and present the final document to UMI/ProQuest within one year of the defense. In rare cases, the Graduate College may grant exceptions to the one-year time limit for revisions. If an exception is approved, the document must be resubmitted for format review and may require a re-defense of the thesis or dissertation to ensure currency of the research.

If supported by the supervising faculty chair and committee (if applicable), students may request an alternative format for their culminating experience by emailing gradformat@asu.edu. All exceptions are reviewed by the Vice Provost and Dean of the Graduate College.

All students who have a culminating event document that requires format review are also required to complete the “Design Aspirations” tab within the iPOS. In addition, all PhD students are required to complete the Survey of Earned Doctorates (SED) as part of the format process.

ProQuest ETD Submission

ProQuest ETD requires all students to submit a PDF version of their final culminating event document. Students are required to create a new user account specific to the submission of their document and must use their ASU email address. The Graduate College requires that the PDF document follow the formatting standards presented in the format manual. Students receive final format approval only after the submitted PDF document has successfully passed a format review. Students can order bound copies of their document for themselves through ProQuest ETD. The final document also appears archived in the ASU Digital Repository.

Graduate-level Disestablished Programs

A disestablished graduate program is a graduate certificate, master's, or doctoral program that the institution has chosen to discontinue. Upon effective term and year of disestablishment, ASU may choose to stop admitting new students into the program. This includes students seeking to change into the disestablished program or pursue it concurrently with another program. Active students in a disestablished program have the option to continue to pursue the program provided continuous enrollment, and satisfactory academic progress policies are followed, including maximum time limits which are 6 years for master’s and certificate programs and 10 years for doctoral programs. Students who are discontinued from the program for any reason are not eligible to re-enroll in the disestablished program. Students who return and are in good academic standing will be required to choose a new program that is accepting applications. Students may have the option to choose a new program under the guidance of leadership from their discontinued graduate program.

Degree Conferral

Graduation

Students must apply for graduation through My ASU in accordance with the University Registrar policies. See Application for Graduation. Students must meet all University and Graduate College degree requirements prior to the conferral date, including achieving a 3.0 GPA in the graduate GPA, iPOS GPA, and

cumulative GPA. Students must continue to be registered until all degree requirements have been met. All students seeking a graduate-level academic credential must apply for graduation.

The graduation deadlines and procedures are set by the Graduate College and are available online at graduation deadlines. Deadline dates vary slightly depending on the calendar year, so students should check them carefully in advance of the semester they plan to defend their thesis/dissertation. It is very important that students become familiar with these deadlines so that graduation can occur during the expected term.

Helpful Websites

The following list contains URLs for all websites embedded in this manual.

ASU Policies	
ASU Policy Manuals	policy.asu.edu/
Academic Calendar	registrar.asu.edu/academic-calendar
Academic Integrity Policy	provost.asu.edu/academic-integrity
ASU Charter	newamericanuniversity.asu.edu/about/asu-charter-mission-and-goals
Discrimination, Harassment, and Retaliation Reporting and Investigation Procedure	provost.asu.edu/policies/procedures/p20
Inclusive Excellence	inclusion.asu.edu/
Graduate Assistant Handbook	graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
Ombudsperson	provost.asu.edu/committees/ombudspersons-committee
Reporting Policy Violations	asu.edu/reportit/
Student Code of Conduct	eoss.asu.edu/dos/srr/codeofconduct
Title IX	www.asu.edu/about/title-ix
Admission	
ASU Personalized Graduate Admissions	graduate.asu.edu/personalized-graduate-admissions
Graduate Admission Application	admission.asu.edu/apply/graduate/admission
Nondegree Graduate Admission	admission.asu.edu/graduate/nondegree
ASU Degree Search	degrees.apps.asu.edu/masters-phd
Graduate Enrollment Deposit	admission.asu.edu/apply/first-year/deposit#graduate
Immunization Requirements	eoss.asu.edu/health/parents/immunization
Transcripts for Admission	admission.asu.edu/apply/transcripts
Graduate Student Government	
GSG Webpage	eoss.asu.edu/gsg
GSG Social Media	instagram.com/asugradgov/
International Students	
English for Admission and Achievement	globallaunch.asu.edu/learn-english/online-english/english-for-admission
English Language Program – Global Launch	globallaunch.asu.edu/learn-english/english-language-program
English Proficiency	admission.asu.edu/apply/international/graduate/english-proficiency
English Proficiency – Global Launch	globallaunch.asu.edu/learn-english/asu-admission
English Speaking Countries	admission.asu.edu/international/english-speaking-countries
Financial Guarantee Form	students.asu.edu/forms/financialguarantee
International Graduate Admission	admission.asu.edu/apply/international/graduate

International Student Visas	students.asu.edu/international/immigration
International Students and Scholars Center	issc.asu.edu/
International Teaching Assistants	globallaunch.asu.edu/learn-english/other-services/international-teaching-assistant
On-campus Employment	issc.asu.edu/f-1j-1-students/employment/on-campus
Degree Requirements	
Graduate Foreign Language Exam	silc.asu.edu/student-life/academic-advising/language-testing
Incomplete Grades	policy.asu.edu/#doc1560530
Interactive Plan of Study (iPOS)	graduate.asu.edu/current-students/completing-your-degree/your-plan-study-ipos
MAS in Advanced Studies	graduate.asu.edu/advanced-studies-mas
Medical and Compassionate Withdrawal Request	registrar.asu.edu/forms/medical-compassionate-withdrawal-request
My ASU	asu.edu/myasu
Voluntary Withdrawal Form	students.asu.edu/forms/voluntary-withdrawal-form
Research	
Animal Research	researchintegrity.asu.edu/animals
Human Subjects Research	researchintegrity.asu.edu/human-subjects
Office for Research Compliance	researchcompliance.asu.edu/
Registration and Tuition Payment Guides	registrar.asu.edu/registration-and-tuition-payment-guides
Artificial Intelligence	
Artificial Intelligence	ai.asu.edu/
Generative Artificial Intelligence	provost.asu.edu/generative-ai
Generative AI Library Guide	libguides.asu.edu/generativeai
Finishing Your Degree	
Application for Graduation	registrar.asu.edu/graduation-apply
Accelerated Master's	acceleratedmasters.asu.edu/
Defense Calendar	graduateapps.asu.edu/defensecal
Format Manual	graduate.asu.edu/current-students/completing-your-degree/formatting-your-thesis-or-dissertation/asu-graduate-college
Format Wizard	graduateapps.asu.edu/formatadvising
Formatting Your Thesis or Dissertation	graduate.asu.edu/current-students/completing-your-degree/formatting-your-thesis-or-dissertation
Graduate Faculty	graduateapps.asu.edu/graduate-faculty
Graduate Faculty Guidelines	graduate.asu.edu/sites/default/files/graduate-faculty-guidelines.pdf
Graduation Deadlines	graduate.asu.edu/current-students/policies-forms-and-deadlines/graduation-deadlines
ASU Digital Repository	repository.asu.edu
Other	
ASU CareerCatalyst	careercatalyst.asu.edu/
Graduate Appointments	graduate.asu.edu/current-students/funding-opportunities/graduate-appointments-and-assistantships

College policies

W. P. Carey School of Business policies

The W. P. Carey School of Business [1] is one of the largest and highest-ranked business schools in the country, repeatedly lauded by publications such as The Wall Street Journal, Financial Times, the Princeton Review, and U.S. News & World Report. The school is internationally regarded for its leadership in business education, research productivity, and distinguished faculty, which includes a Nobel Prize winner. Students come from all over the world, and among them are dozens of National Merit Scholars.

The school's academic offerings are as diverse as they are abundant. Undergraduates can earn a degree in one of more than 30 degree programs, including 100% online business degrees, noncalculus-based degrees and flexible programs for working professionals. Its programs of study reflect and respond to the demands of business and industry today and beyond, and the school has dedicated career placement services. The school is located in the heart of the fast-growing Phoenix metropolitan area, which provides opportunities for internships, employment and networking. Classes are offered on ASU's Tempe, Polytechnic and West Valley campuses, as well as online.

Academic integrity

Academic dishonesty

The faculty of the W. P. Carey School of Business follow the guidelines on academic dishonesty in the ASU student academic integrity policy [2].

The W. P. Carey School of Business honor code [3] may be found online. Additional resources and information may be found at the W. P. Carey academic integrity [4] website.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [5].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [6] website.

Undergraduate policies

W. P. Carey School of Business academic good standing

Academic warning

A new student is placed on academic warning when their ASU cumulative GPA falls below 2.00 at the end of their first fall or spring semester after grades are posted. Students on academic warning must meet with an academic advisor to discuss a plan for getting back into good standing, and complete the following tasks:

1. Download and read through the academic warning information packet [7].
2. Complete the Canvas course WPC Rising Scholars. Advising holds are not removed until this course is completed.
3. Schedule an advising appointment through Advising SOS [8].

4. Complete the optional survey [7] if there is anything the advisor should know about the previous semester.

Probation

All business students, first-year through senior, must maintain a minimum GPA of 2.00 for all courses completed at ASU to remain in academic good standing. If this standard is not maintained, the student is placed on university academic probation.

Students on university academic probation must see an advisor before further registration and must do one of the following:

- raise their ASU cumulative GPA to 2.00 or higher to return to academic good standing
- obtain a semester GPA of 2.50 with no grade lower than "C" to be granted one additional semester on continued college probation and, at the end of the continued college probation period, return to academic good standing with a minimum cumulative ASU GPA of 2.00 to avoid disqualification

W. P. Carey School of Business continued probation: If a student's ASU cumulative GPA is still lower than 2.00 at the end of the probationary semester but the student has earned a semester GPA of 2.50 or higher with no grade lower than "C," the student is placed on continued probation in the subsequent semester. The student then has only one more semester to raise the ASU cumulative GPA to 2.00 or higher.

ASU continued probation: If a student's ASU cumulative GPA is still lower than 2.00 at the end of the probationary semester, but the student has earned a semester GPA of 2.00 or higher with no grade lower than "C," the student is placed on continued probation with ASU but is ineligible to remain in the W. P. Carey School of Business as a business student. The student must change to a major that is not offered through the business school.

Disqualification

A student who does not meet college probation requirements is academically disqualified and is not allowed to register in a fall or spring semester at the university. If the student has already enrolled in a future fall or spring semester, the student is dropped from those courses, and the registration is cancelled. A disqualified student may attend ASU during the summer session only immediately following the semester in which the student was disqualified.

A disqualified student must wait one year to apply for readmission to ASU. A student will not be readmitted to the W. P. Carey School of Business unless they also meet the following requirements:

Bachelor of Science programs

- A grade of "C" or higher in all required skills classes (ACC 231, ACC 241, CIS 105, ECN 211, ECN 212, ECN 221, MAT 210 and MAT 211)
- The student meets direct admission [9] or is readmitted via Admissions Portfolio [10]

Bachelor of Arts in business programs

- A grade of "C" or higher in all required skills classes (ACC 231, ACC 241, CIS 105, ECN 211, ECN 212, ECN 221 and MAT 210)
- The student meets direct admission [9] or is readmitted via Admissions Portfolio [10]

BA in entrepreneurial leadership or applied business and technology solutions programs

- There are no additional requirements for students to be readmitted to these majors, though the college can still exercise discretion when reviewing a student's readmission appeal.

Disqualified students should contact their academic advisor immediately to determine what is needed to earn readmission to the university in the future.

Professionalism policy

The W. P. Carey School of Business is committed to promoting the highest levels of honesty, integrity and professionalism so as not to impede the personal, academic and social development of all students. Professionalism,

broadly speaking, includes ethical decision-making, consideration of others and demonstration of personal accountability. Exhibiting professional behavior is integral to a positive learning environment within the university and promotes innovation, openness to diversity, integrity, and mutual respect for students, faculty and staff.

The behaviors that are practiced today become habits in the future. To that end, business students are expected to treat others as they wish to be treated. Students are to be considerate of classmates, professors, staff and recruiters in all aspects and commit to acting in a professional manner in all school settings, including classes, sponsored events and interviews. Students should be aware that they are representing the W. P. Carey School of Business and Arizona State University.

More information is available on the W. P. Carey professionalism policy [11] website.

Advising

W. P. Carey School of Business offers undergraduate program academic advising at the Polytechnic, Tempe and West Valley campuses. Students may find personalized advising information and may schedule appointments in advance through Advising SOS [8].

Students are encouraged to schedule appointments each semester to ensure they are making progress toward their degrees. Advising is required for:

- newly admitted students, before enrollment for the first term (at orientation)
- first-year students, before enrollment for the second term
- seniors, upon completion of 87 or more credit hours
- any student who is off track with regard to eAdvisor tracking requirements
- any student who is on university academic probation
- disqualified students interested in attending ASU in the future

Additional information regarding academic advising is available online [12] or through the W. P. Carey School of Business undergraduate programs office by calling 480-965-4227.

Credit and registration

Pass/fail

Business majors may not enroll on a pass/fail basis in any course required for graduation. Pass/fail credits taken at another institution may be petitioned for use, but only if the student can demonstrate proof that the pass grade was equivalent to a "C" (2.00) or higher.

Transfer credit

Credit from other institutions is accepted, subject to the following guidelines:

Students planning to take their first two years of coursework at a community college or another four-year college should plan to take business and economics courses that are offered as freshman- or sophomore-level courses for transfer equivalency as supported through the Transfer Guide [13]. Frequently, these lower-division courses are numbered 100 through 299, but that can vary with each transferring institution. A maximum of 30 credit hours of business and economics courses from community colleges are accepted toward a bachelor's degree in business, and these are applied as lower-division credits.

Business courses completed at a two-year college may not be used for upper-division transfer credit in the business core or major. Such courses may be acceptable for general university credit but may not be applicable toward the degree requirements of the major. Courses taught in the upper-division business core must be completed at an accredited four-year institution. Upper-division business course transfer credits are considered for upper-division business credit in the ASU major only if the course was taken at an AACSB International-accredited school. https://www.aacsb.edu/ [14]

Credit is granted for transferred courses deemed equivalent by the W. P. Carey School of Business to corresponding courses in the selected program of study and is subject to grade and ASU resident credit requirements. No grade lower than "C" (2.00 on a 4.00 scale) transfers to ASU. To be accepted for credit as part of a degree program in business, all courses transferred from other institutions must carry prerequisites similar to those of the courses they are replacing at ASU.

Degree requirements

Associate degree

Students in the Associate of Science program should refer to their major map or curriculum checksheet and the university associate degree graduation requirements policy [15] for minimum credit hour, GPA and other degree requirements.

Critical requirements

All business students must meet the critical requirements for their majors. Students who are required to follow eAdvisor tracking requirements yet do not comply with the critical requirements are considered off track, and a hold is placed on their records. These students must work with an advisor to have the hold removed.

Undergraduates in the W. P. Carey School of Business are expected to be strong academically, especially with regard to grades earned in business courses. Careful course planning in consultation with an academic advisor assists students in maintaining satisfactory academic performance and progress.

Concurrent degrees

ASU students not enrolled in a W. P. Carey School of Business degree program who wish to pursue a concurrent degree with the business school:

- must be in good academic standing
- must have completed 30 credit hours of college coursework
- must meet direct admission criteria [9] for the degree program they wish to pursue

If direct admission requirements have been met, students should file a concurrent degree request form. Students who do not meet direct admission requirements for business degree programs must complete the Admissions Portfolio [10] and be admitted before filling out the concurrent degree request form. Students are allowed a maximum of two concurrent degree request attempts.

Students currently enrolled in the W. P. Carey School of Business who wish to pursue concurrent degrees within the business school:

- must be in good academic standing
- must have completed 30 credit hours of college coursework with a grade of "C" (2.00) or higher
- must have completed at least six business skill courses or their equivalents AND must have completed or be enrolled in the remaining two business skills courses (MAT 211 not required if submitting for BA degrees):
    - CIS 105 (or equivalent) — Computer Applications and Information Technology
    - MAT 210 (or equivalent) — Brief Calculus
    - MAT 211 (or equivalent) — Math for Business Analysis
    - ECN 211 (or equivalent) — Macroeconomic Principles
    - ECN 212 (or equivalent) — Microeconomic Principles
    - ACC 231 (or equivalent) — Uses of Accounting Information I
    - ACC 241 (or equivalent) — Uses of Accounting Information II
    - ECN 221 (or equivalent) — Business Statistics

Business students who meet the criteria shown above should submit a concurrent degree request [16] through the university approval process. Review and submission times are on the website. Business students are unable to change

their major status after they are admitted to a concurrent degree program unless they submit a new concurrent degree request. The direct admission criteria only apply to a single major within the W. P. Carey School of Business; students are not able to freely change majors within their concurrent degree or dual concentration combinations. Students are allowed two concurrent degree request attempts.

Current business students who wish to pursue a concurrent degree outside the W. P. Carey School of Business should submit a concurrent degree request form and receive approval from both colleges (e.g., finance and psychology).

Major proficiency requirements

Students must receive a grade of "C" (2.00) or higher in upper-division courses for the major. If a student receives a grade lower than "C" in any course in the major, the course must be repeated. If a second grade lower than "C" is received in either an upper-division course in the major already taken or a different upper-division course in the major, the student is no longer eligible to take additional upper-division courses in that major.

Reinstatement/readmission

Students seeking readmission after an absence from the university should follow university undergraduate readmission procedures [17].

Other special requirements

Student appeal procedure on grades

W. P. Carey School of Business students follow the university policy for the student appeal procedure on grades [18].

Admission

Because of the additional requirements for the BS degree program, students who do not meet minimum admission standards automatically are considered for the BA degree program in the W. P. Carey School of Business. First-year admission requirements for the BA program are the same as the university's first-year admission requirements. Transfer students who want to be admitted to the BA program must have a GPA of 3.00 for all transfer coursework and a GPA of 3.00 for all ASU coursework, and must meet university transfer admission requirements.

Graduate policies

All graduate students in the W. P. Carey School of Business are required to maintain minimum cumulative, graduate and iPOS GPAs of 3.00 (grade of "B"). Students should see individual graduate degree programs for additional requirements on satisfactory academic progress, probation and disqualification. In addition, they should review the graduate conduct and professionalism policy [19].

Advising

Advising of graduate students is normally handled by a graduate program's operations team members. Students must prepare a plan of study during the first semester of their degree program. Students are encouraged to begin discussions with their program coordinators or managers early in their studies so that coursework can be geared toward supporting their academic progress. All students, whether in a thesis or nonthesis option, must file a POS.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College and the W. P. Carey School of Business.

Source URL: https://catalog.asu.edu/policies/business

Links:
[1] https://wpcarey.asu.edu/
[2] https://provost.asu.edu/academic-integrity
[3] https://students.wpcarey.asu.edu/resources/honor-code
[4] https://students.wpcarey.asu.edu/resources/academic-integrity
[5] https://public.powerdms.com/ASU/documents/1541854
[6] https://www.asu.edu/reportit/
[7] https://students.wpcarey.asu.edu/degrees-and-advising/advising-forms-and-resources/academic-warning-information
[8] https://students.wpcarey.asu.edu/advising-sos
[9] https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/direct-admission-requirements
[10] https://students.wpcarey.asu.edu/getting-started/admissions-portfolio
[11] https://students.wpcarey.asu.edu/resources/professionalism-policy
[12] https://students.wpcarey.asu.edu/degrees-and-advising/advising-overview
[13] https://transferguide.apps.asu.edu/app/home
[14] https://www.aacsb.edu/
[15] https://catalog.asu.edu/associatereq
[16] https://students.asu.edu/concurrent-degrees
[17] https://admission.asu.edu/apply/first-year/readmission
[18] https://catalog.asu.edu/appeal
[19] https://gradstudents.wpcarey.asu.edu/student-resources/professionalism-policy

Herberger Institute for Design and the Arts policies

The Herberger Institute for Design and the Arts is built on a combination of disciplines unlike that in any other program in the nation, comprising the schools of Art [1]; Arts, Media and Engineering [2]; ASU FIDM [3]; Music, Dance and Theatre [4]; The Design School [5]; The Sidney Poitier New American Film School [6]; and the ASU Art Museum [7].

The institute is dedicated to the following design principles:

- Creativity is a core 21st-century competency. Students in the institute develop the ability to be generative and enterprising, work collaboratively within and across artistic fields, and generate nonroutine solutions to complex problems. With this broad exposure to creative thinking and problem-solving, graduates are well-prepared to lead in every arena of the economy, society and culture.
- Design and the arts are critical resources for transforming society. Designers and artists must be embedded in their communities and dedicate their creative energy and talent to building, reimagining and sustaining the world. Design and the arts must be socially relevant and never viewed as extras or as grace notes. The institute is committed to placing designers, artists and arts-trained graduates at the center of public life.
- The institute is committed to enterprise and entrepreneurship. For most college graduates today, the future of work is unpredictable, nonlinear and constantly evolving. A recent study found that 47% of current occupations likely will not exist in the next few decades. Design and the Arts faculty, students and graduates are inventing the jobs and the businesses of the future; reimagining how design, art and culture get made and distributed; and coming up with new platforms and technology for the exchange of culture and the enrichment of the human experience. Legendary author and expert on city life Jane Jacobs talks about the abundance of "squelchers" — parents, educators, managers and leaders who tend to say no to new ideas. At the institute, there are no squelchers. All embrace the cardinal rule of improvisation: Always say, "Yes, and…"
- Every person, regardless of social background, deserves an equal chance to help tell the stories of this nation and the world. Creative expression defines everyone, what each aspires to, and how all hope to live together. The institute is committed to projecting all voices — to providing an affordable education to every student who has the talent and the desire to boldly add their creative voice to the world's evolving story.
- Effectiveness requires excellence. The ability to solve problems, build enterprises, and create compelling and socially relevant design and art requires high levels of mastery. By each being the best in their chosen fields, all can stretch themselves and their talents to make a difference in the world.

Students with questions about Herberger Institute for Design and the Arts policies or procedures may review the Herberger Institute Office of Student Success [8] website, contact the office at 480-965-4495 to speak with advising staff, or contact the institute's dean's office at 480-965-0050.

Academic integrity

The Herberger Institute for Design and the Arts strictly adheres to the ASU student academic integrity policy [9]. Academic honesty is expected of all students in all examinations, papers, academic transactions and records. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. Information about academic integrity also can be found on the school's academic integrity page [10].

Professionalism

Professionalism entails a set of skills critical for workplace and creative successes, and professional behavior creates an atmosphere that promotes safe and high-quality spaces for constructive learning as well as individual and community well-being. The institute expects students to show professional behavior with clients, members of the community and others in the university environment (e.g., classrooms, clinics, labs, studios), including members of the faculty and administration, other students and staff. Students are expected to conduct themselves in a professional manner, including arriving on time with an open attitude to learning, engaging in ethical behavior, resolving conflicts in an appropriate manner at all times, holding partnership information confidential, and using prudence in written and verbal communications. Professionalism includes:

- attendance and punctuality
- following all university and studio safety protocols and behavioral expectations

- honesty and integrity
- respectful communication
- self-control

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [11].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696 for more information, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [12] website.

Undergraduate policies

Academic standing

University academic warning

A new incoming first-year or transfer student with a cumulative GPA that has dropped below 2.00 at the end of the first semester (fall or spring) at ASU is placed on academic warning. All students who are placed on academic warning are encouraged to complete academic success modules online through Canvas. Students are also encouraged to meet with their academic advisor to discuss any challenges they may have experienced in order to develop a plan to improve their standing.

If a student does not earn a cumulative GPA of a 2.00 or higher in their second semester, they are placed on probation.

On-campus students are required to enroll in UNI 220 Mindset Connections during their academic warning semester; this becomes a graduation requirement once a student’s cumulative GPA falls below 2.00. If a student is not successful in this course, they must enroll in the course until they successfully complete it.

Herberger Institute for Design and the Arts academic probation

Students in any of the institute's degree programs are placed on probation when they fail to maintain a minimum cumulative GPA of 2.00. Students on probation must observe rules or limitations imposed by the institute as a condition of retention. All students who are placed on probation are required to complete academic success modules online through Canvas. Students also are required to attend mandatory advising appointments in an effort to improve their academic standing.

On-campus students are required to enroll in UNI 220 Mindset Connections in the semester of their probation; this becomes a graduation requirement once a student’s cumulative GPA falls below 2.00. If a student is not successful in this course, they must enroll in the course until they successfully complete it.

Continuing probation

A student who is already on probation and earns a GPA of 2.00 or higher for the term but is not successful in raising their cumulative GPA above 2.00 is placed on continuing probation. Continuing probation is meant to acknowledge the student’s academic progress while still providing academic support to help them reach the required 2.00 GPA. Students on continuing probation must continue to attend mandatory advising appointments until they earn a cumulative GPA of 2.00 or higher.

Disqualification

If the student's ASU cumulative GPA is not 2.00 or higher and the conditions of probation have not been met after one semester on probation, the student is disqualified for a minimum of two full academic semesters. Disqualification is exercised at the discretion of the institute and becomes effective on the first day of the fall or spring semester following institute action. A disqualified student is notified by the dean’s office of the institute and is not allowed to register for a fall or spring semester at the university until reinstated. Students should consult with their academic advisor to discuss this academic standing and their options for returning to ASU.

Co-enrolled continuing probation program

Select disqualified students may participate in the co-enrolled continuing probation program at the discretion of their college or school. This program allows the student the opportunity to attend ASU during the fall or spring semester part time to take UNI 220 plus one ASU course while co-enrolled in at least eight credit hours at a Maricopa County Community College. The student selects these courses in consultation with their ASU academic advisor. If the student achieves a combined semester cumulative GPA of 2.50 upon completion of the term, they may continue regular enrollment at ASU for the upcoming semester.

If the student is receiving financial aid, they need to check with the financial aid office to see how participation in this program will affect their eligibility for financial aid.

Reinstatement

A student who has been academically disqualified and seeks to return to ASU for either a fall or spring semester, at any time, and has met college admission standards is required to seek readmission to the university [13] and reinstatement to the institute. Applications for readmission to ASU must be made to ASU Admission Services; the application for readmission automatically generates a letter of appeal for reinstatement to the institute for consideration.

All disqualified students should contact the Herberger Office of Student Success [14] regarding procedures and guidance for reinstatement and returning to academic good standing. Disqualified students may attend summer sessions at ASU to raise their cumulative GPA. If a cumulative GPA of 2.00 or higher is achieved upon completion of summer coursework, the student may petition the institute for early reinstatement. The possibility of successful reinstatement is enhanced when students follow recommendations and meet established standards for summer coursework or coursework completed at other institutions. All students who are academically disqualified should contact an institute advisor to discuss their options.

Also available in the Office of Student Success is information on the college policies and procedures for student grievances with respect to grades [10], and various petitions regarding standards and graduation requirements.

Advising

Undergraduate academic advising is handled as a centralized activity within the institute. Students are encouraged to make appointments through the Herberger Institute Office of Student Success [14]. Appointments are recommended and should be scheduled in advance with the lead academic advisor.

There are multiple ways to schedule an advising appointment:

- online through My ASU [15]
- phone: 480-965-4495
- email: HerbergerAdvising@asu.edu
- in-person: Design South (CDS), room 101 (M–F, 8 a.m.–5 p.m.) or Fusion on First (FOF), Room 320 (M–F, 8 a.m.–noon; 1–5 p.m.)

While the institute provides academic advising, it is ultimately each student's responsibility to fulfill academic and program requirements. Administration of program requirements is the responsibility of the head of the academic unit and the dean.

Credit and registration

Course load

First-semester freshmen and entering transfer students are not permitted to register for more than 18 credit hours in session C, or nine credit hours in session A and nine credit hours in session B. Continuing students who wish to register for more than 18 credit hours must meet the academic criteria for an overload petition and work with their academic advisor in the Herberger Office of Student Success. No student should assume that the petition for overload will be granted.

For summer sessions, the maximum course load is 14 credit hours, seven per six-week summer session. Overloads are rarely granted for these sessions, and requests must be petitioned to the Herberger Office of Student Success.

Audit grade option

Students may choose to audit certain courses; this option allows them to attend regularly scheduled class sessions, but they do not earn credit. Students should obtain instructor approval before registering for these courses. The option to audit is not available for all courses.

This grade option may not be changed after the add period.

Pass/fail or credit/no credit

The only courses accepted toward graduation with a grade of pass/fail or credit/no credit are those designated by the academic unit as such, or internships and field studies.

Transfer credits

While the university accepts credits transferred from other accredited institutions, transfer coursework must be equivalent in content and level of offering. Arts or design transfer credits are not applied to specific degree programs until they are reviewed and accepted by the appropriate academic units. The Design School and the School of Art require a review of samples of work in portfolio format from previous studio classes to evaluate some transfer studio credits.

Incompletes

Students are responsible for contacting their course instructors regarding the process of requesting and fulfilling requests for an incomplete. The grade of "I" (incomplete) can only be given by an instructor (and it is subject to unit director approval) when a student who is doing otherwise acceptable work is unable to complete a course (e.g., final exam or term paper) because of illness or other conditions beyond the student's control. The student must submit a request to the instructor to be considered for a grade of "I." A completed request must have the incomplete grade request form [16] and include a justification, a listing of requirements that have not been fulfilled, and a proposed schedule of completion. The instructor reviews the request and determines whether to accept or deny the request. The instructor may propose modifications when submitting a copy of the accepted request to the appropriate office.

A grade of "I" in any course that is a prerequisite for sequential courses automatically denies the student enrollment in subsequent courses and could result in the student being administratively dropped from a subsequent course in which they are enrolled.

The student has a maximum of one calendar year from the date the grade of "I" is recorded to complete the course, but faculty can place lesser time limitations at their discretion. A student does not re-register or pay fees for a course for which an "I" has been received in order to complete the course. A grade of "I" for undergraduate coursework that has been on a student's record for more than one calendar year automatically changes to "E."

Withdrawals

University withdrawal regulations apply to all courses. In certain degree programs of the institute, curricula are modular and sequential; because space in these programs is limited, a student is expected to progress through the curriculum with

the class. To fully understand all potential repercussions of withdrawal from any courses, the student should discuss their plans with their academic advisor.

Degree requirements

Associate degrees

Students in the Associate of Arts programs should refer to their major map or curriculum checksheet and the university associate degree graduation requirements policy [17] for minimum credit hour, GPA and other degree requirements.

Critical requirements

All Design and the Arts students must meet the program and critical requirements for their majors. Students who do not comply with the critical requirements are considered off track, and their records are placed on hold; students are required to meet with an institute academic advisor to have a hold removed. For more information about critical requirements, students should refer to the corresponding major map or curriculum checksheet.

Concurrent degrees

Students who wish to pursue concurrent degrees must have the approval of the colleges and institutes housing both majors. Students are approved for concurrent degrees if they meet the following requirements:

- They are in academic good standing (minimum 2.0 cumulative ASU GPA).
- They have completed at least six semester credit hours of major related course requirements for each degree (12 semester credits total).
    - For the Design and the Arts degree, the six credit hours must be completed from the discipline's prefix (e.g., GRA for graphic design; AME for media arts and sciences; ARS for art history).
    - For a non-Design and the Arts degree, six credit hours must be major specific or major related.
    - Music degrees require passing an audition; successful completion of the audition replaces the six credit hour requirement of music coursework.

Students who meet these criteria may request to pursue both degree programs by submitting a concurrent degree request form [18] as part of the university approval process.

Change of major

For most academic units, a current ASU student has no additional requirements for changing majors. Current ASU students who wish to transfer to The Design School must be in good standing.
Students who change their major from a bachelor's degree to an associate degree can only make the change after the degree conferral date for each semester:

- Fall - mid-December
- Spring - mid-May
- Summer - mid-August

Reinstatement/readmission

Undergraduate degree-seeking students who previously attended ASU in the Herberger Institute for Design and the Arts but have not been enrolled at ASU for up to seven consecutive fall or spring semesters may be eligible to return through quick re-entry [19]. Students do not need to submit a new application or application fee, but they must contact an academic advisor in their program for registration.

Undergraduates who have been away from the university for eight or more semesters and want to return to ASU in a Herberger Institute for Design and the Arts program are required to apply for readmission [20] through the ASU Admission Services office.

- Readmission is only considered after a student has remained out of the institute for a minimum of eight semesters.
- A student is required to supply proof that they are now capable of successfully completing courses in the discipline by the completion of at least 12 credit hours of appropriate coursework with a GPA of 2.50 or higher.

- If the readmission request requires a change of major, then admission decisions are made by the college that offers the intended major.
- If a student seeks readmission to their previous Design and the Arts major and that major requires a creative review, a new review may be required.
- If readmission is approved within the institute, the student returns with continuing probation status in the appropriate degree program.

Once readmitted, returning students are required to meet with an institute advisor before enrolling in courses at ASU.

Other special requirements

Creative reviews

A creative review (audition, interview, milestone, portfolio submission) is required for entrance into many majors in the Herberger Institute for Design and the Arts. Students should visit the school's admission page [21] for details.

Graduate policies

Advising is handled as a decentralized activity within the institute. To offer personalized attention, each academic unit establishes its own graduate advising procedures. Students are encouraged to make appointments through the central office of their major discipline. Students should consult their academic unit's website for general information about the programs, admission and advising procedures:

- School of Art [1]: 480-965-6303
- School of Arts, Media and Engineering [2]: 480-965-9438
- School of Music, Dance and Theatre [4]: 480-965-3371
- The Design School [22]: 480-965-3536
- The Sidney Poitier New American Film School [6]: 602-496-5555

Students must fulfill all requirements of their graduate program to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College [23] and the Herberger Institute for Design and the Arts.

Source URL: https://catalog.asu.edu/policies/design_and_arts

Links:
[1] https://art.asu.edu/
[2] https://artsmediaengineering.asu.edu/
[3] https://asufidm.asu.edu/
[4] https://musicdancetheatre.asu.edu/
[5] https://design.asu.edu/
[6] https://film.asu.edu/
[7] https://asuartmuseum.org/
[8] https://students.herbergerinstitute.asu.edu/
[9] https://provost.asu.edu/academic-integrity
[10] https://students.herbergerinstitute.asu.edu/academic-advising/academic-integrity-grading-disputes
[11] https://public.powerdms.com/ASU/documents/1541854
[12] https://www.asu.edu/reportit/
[13] https://admission.asu.edu/undergrad/readmission
[14] https://students.herbergerinstitute.asu.edu/academic-advising
[15] https://webapp4.asu.edu/myasu/
[16] https://registrar.asu.edu/forms/incomplete-grade-request
[17] https://catalog.asu.edu/associatereq
[18] https://students.asu.edu/concurrent-degrees
[19] https://catalog.asu.edu/glossary#quickreentry
[20] https://admission.asu.edu/apply/first-year/readmission

[21] https://herbergerinstitute.asu.edu/admission
[22] https://design.asu.edu/degree-programs
[23] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

Ira A. Fulton Schools of Engineering policies

The Ira A. Fulton Schools of Engineering [1] educates undergraduate and graduate students, providing them with the knowledge, skills and attitudes they need for success in technically oriented careers. The schools offer students a variety of educational opportunities through which they may achieve excellence in the major branches of engineering, computer science, informatics, construction management, aviation, technology, human systems engineering, environmental resource management, and technological entrepreneurship and management.

The Ira A. Fulton Schools of Engineering takes pride in its diversity, its economic and cultural heritages, and the quality of its graduates. The schools strive to be integral to the communities they serve and a lifelong presence in the lives of those within their compass. The schools' educational and research programs are built around the following principles: entrepreneurship, use-inspired research and scholarship, a focus on the individual, the intellectual fusion of unique and distinct disciplines, social embeddedness in communities (local, national and international), and global engagement.

Ira A. Fulton Schools of Engineering aspirations
Graduates from any of the schools' programs possess a solid technological background. Additionally, the Ira A. Fulton Schools of Engineering aspires to develop leaders who are well-read, well-spoken and knowledgeable about current business practices. Experiential education is recognized as a complementary praxis and integral to the overall academic experience. To this end, the schools offer enhanced curricula, special courses and extracurricular activities to enrich the student's stay and to offer every student an opportunity to achieve the schools' aspirations.

All the programs within the schools are professional programs, and professionalism is an important component of all the curricula. The schools strive to help students understand and value the various aspects of professionalism, including ethical behavior, a desire for lifelong learning, the ability to communicate with others, and an awareness of how the profession fits into society and impacts it. As the first step in ethics, all students are expected to embrace the student professionalism expectation [2] and follow the student code of conduct and rules of academic integrity [3] as defined by the university.

Academic integrity

Students enrolled in the Ira A. Fulton Schools of Engineering must adhere to ASU's academic integrity policy [4]. Students are responsible for reviewing this policy and understanding each of the areas in which academic dishonesty can occur. In addition, all engineering students are expected to adhere to the ASU student honor code [5]. When a violation is reported to the Academic Integrity Office, students have the opportunity to provide feedback before a final decision is made. The Ira A. Fulton Schools of Engineering keeps a record of all confirmed academic integrity violations; multiple violations may result in increasingly significant sanctions.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [6].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [7] website.

Undergraduate policies

Academic standing

Student responsibilities

Students need to make many decisions as they complete their degree programs. While the schools and the university have a number of resources available to help with decision-making (e.g., faculty, courses, advisors and tutors), students are expected to take responsibility for their decisions.

Ira A. Fulton Schools of Engineering good standing

Students are expected to select and successfully complete courses that lead to the timely completion of their degree programs. Students are said to be in good standing if they fulfill all the following:

1. maintain acceptable GPAs
2. enroll in and complete critical tracking requirements
3. complete courses each semester that are applicable to their degrees

University academic warning

An undergraduate student with a cumulative GPA lower than 2.00 at the end of their first semester (fall or spring) is considered to be in the status of university academic warning. If, after one term with an academic warning, a student still does not achieve the minimum GPA standard of 2.00, the student is placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not their first term at ASU, they are placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning is considered to be in conditional good standing and is permitted to enroll.

Regardless of whether a student's status is an academic warning or probation, they must self-enroll [8] in the Canvas-based course Fulton Academic Success Strategies to prepare for the upcoming semester and develop a success plan for returning to university academic good standing. The student also meets with their academic advisor to finalize coursework for the upcoming term. At the discretion of the student's college or school, that plan may require successful completion of UNI 220 Mindset Connections.

Ira A. Fulton Schools of Engineering academic probation

There are many reasons why some students do not make satisfactory progress. These students are placed on Ira A. Fulton Schools of Engineering academic probation to ensure they receive the extra attention and resources they need to get back in good standing. Working with an academic advisor to plan a strategy for success is crucial. Students may be required to reduce their course loads (13 credit hours maximum), retake courses or even take courses outside their programs.

To return to academic good standing in the Ira A. Fulton Schools of Engineering, students on probation must earn a minimum semester GPA of 2.25 and earn a minimum cumulative ASU GPA of 2.00 at the end of the probation semester. If a student is enrolled in only one course, a grade of "C+" (2.33) or higher and a minimum cumulative ASU GPA of 2.00 are required to obtain academic good standing. Students who meet either the semester GPA requirement or the cumulative ASU GPA requirement at the end of their first probationary semester may be continued on probation. Courses completed during summer sessions are not used to reevaluate a student's probationary status.

Conditions for Ira A. Fulton Schools of Engineering probation

A student is placed on college or university probation when specific academic expectations are not met. Some conditions trigger an automatic placement on probation, whereas others trigger an automatic review of the student's case to determine whether probation is warranted. When a probation review is triggered, the final decision and any conditions of probation are determined at the program level.

Automatic probation is triggered by either of the following:

- two successive semesters with GPAs lower than 2.00
- an ASU cumulative GPA lower than 2.00

Automatic review (borderline) is triggered by either of the following:

- a semester with a GPA of 2.00 or lower
- a cumulative GPA in the major lower than 2.00

Ira A. Fulton Schools of Engineering continuing probation

A student on probation or continuing probation at the university level is placed on college-level continuing probation status when specific academic expectations are not met. When a continuing probation review is triggered, the final decision and any conditions of continuing probation are determined at the college level.

To return to academic good standing in the Ira A. Fulton Schools of Engineering, students on continuing probation must earn a minimum semester GPA of 2.25 and earn a minimum cumulative ASU GPA of 2.00 at the end of the probation semester. If a student is enrolled in only one course, a grade of "C+" (2.33) or higher and a minimum cumulative ASU GPA of 2.00 are required to obtain academic good standing.

Automatic continuing probation is triggered by either of the following:

- a student on probation does not attain a semester GPA of 2.25 or higher and has a cumulative GPA of at least 2.00 at the end of the probation semester
- a student on probation or continuing probation attains a semester GPA of 2.25 or higher and has a cumulative GPA lower than 2.00

Ira A. Fulton Schools of Engineering ineligibility

Students who are on continuing probation and fail to meet the schools' retention standards become ineligible to continue working toward a degree within the Ira A. Fulton Schools of Engineering.

Ineligibility occurs if the continuing probationary student does any of the following:

- does not attain a semester GPA of 2.25 or higher and has a cumulative GPA of at least 2.00 at the end of the probationary semester
- has already been on probation for two consecutive semesters
- fails to complete any courses appropriate for the degree during each semester

Ineligible students are subject to the following limitations:

- Students who change colleges may not register for courses in the Ira A. Fulton Schools of Engineering unless the courses are required by their new majors.
- Students who register for courses in the Ira A. Fulton Schools of Engineering may be withdrawn from these courses any time during the semester in which they are registered.

Ineligible students are encouraged to consider these options:

- Students may be eligible to change their majors to other colleges if they are in university academic good standing and have acceptable cumulative GPAs; the acceptable GPA level depends on the number of credit hours of completed coursework. Students should contact their advisor to determine if this is an option for them.
- Students may take nonengineering courses during summer sessions.
- An ineligible student may apply for readmission to the college after one calendar year.
- Students may request a status review by contacting the Office of Academic and Student Affairs.

Ira A. Fulton Schools of Engineering disqualification

Students who are on probation or continuing probation and fail to meet the schools' retention standards become disqualified from continuing to work toward a degree within the Ira A. Fulton Schools of Engineering.

Disqualification occurs if the student on probation or continuing probation does not attain a semester GPA of 2.25 or higher and has a cumulative GPA lower than 2.00 at the end of the probation semester.

Disqualified students are subject to the following limitations:

- A disqualified student is not allowed to register in a fall or spring semester at the university. If the student has already registered for a future fall or spring semester, the registration is canceled.
- A student who has been disqualified may apply for readmission to the college after one calendar year.
- A disqualified student may not attend as a nondegree student.
- If a disqualified student elects to attend another university or two-year college, any credits earned there will not affect the ASU cumulative GPA. A course repeated elsewhere will not result in a replacement of a grade earned at ASU.

Ira A. Fulton Schools of Engineering student disqualification and ineligibility appeals

A student disqualified or deemed ineligible because of lack of satisfactory progress is afforded the opportunity to appeal the decision to the school or program. All timely student appeals are reviewed by the school or program for consideration. Any student appeal that is denied by the school or program is automatically forwarded to the Ira A. Fulton Schools of Engineering Academic Standards Committee for review. Appeal decisions made by the Academic Standards Committee are final.

Advising

Successful completion of a program in the Ira A. Fulton Schools of Engineering requires careful planning. While final responsibility for becoming familiar with and understanding academic degree requirements lies with each student, each program employs professional academic advisors who work with students to help them set academic and career goals, understand school and university policies and procedures, meet degree requirements, and become familiar with sources of academic support within the university. Students also may work with faculty advisors familiar with the chosen fields of specialization. Students should consult their advisors before registering each semester. A list of advising contacts [9] can be viewed online.

Staff in the Office of Academic and Student Affairs in the Ira A. Fulton Schools of Engineering are available to assist individual students with many different types of advising issues. They work with students to answer general questions about policies and procedures; help with registration transactions; administer the probation, disqualification and readmission processes; oversee disciplinary actions; hear grade grievances; and assist with other administrative matters.

First-year students, student-athletes, and students who are found to be having academic difficulty are required to receive advisement before they can register for any classes, including during summer sessions. Students should consult their academic advisor or review the My Tasks list in My ASU to determine whether advising is required.

Credit and registration

Students are required to register for courses using one of the university-provided processes. As part of the registration process, the school enforces the following registration restrictions.

Maximum hours

Students enrolled in undergraduate degree programs in the Ira A. Fulton Schools of Engineering may register for a maximum of 19 credit hours per semester. Any student who wants to register for more than the maximum must submit a college standards petition [10] and have an approval on file before registering for the overload.

Ira A. Fulton Schools of Engineering probationary status

Students who have been placed on academic probation within the Ira A. Fulton Schools of Engineering must complete the Canvas-based course Fulton Academic Success Strategies (Canvas self-enroll) [11] and then schedule an appointment with their academic advisor to discuss success strategies and develop a plan to return to academic good standing. Students on academic probation within the Ira A. Fulton Schools of Engineering may enroll in a maximum of 13 credit hours per semester.

Degree requirements

Undergraduate nondegree status

Students who are enrolled in an undergraduate nondegree status in the schools must obtain advising and approval to register from the Office of Academic and Student Affairs before registering each semester.

Course prerequisites

Students should consult class search and the course catalog [12] for course prerequisites. Students who register for courses without the designated prerequisites may be withdrawn without their consent at any time before the final examination. Such withdrawals may be initiated by the course instructor, the program chair of the program offering the course, or the dean of the college. In such cases, students do not receive monetary reimbursement.

Pass/fail grades

Students requesting credit for pass/fail courses taken at another institution must file an Ira A. Fulton Schools of Engineering standards petition [10]. Each request is judged on its particular merits.

Non-Ira A. Fulton Schools of Engineering students

Students who are not admissible to programs in the Ira A. Fulton Schools of Engineering and who enroll in another college at ASU may not register for any 300- or 400-level courses in the schools unless the courses are required in their degree programs, and the students have the proper course prerequisites.

First-year composition requirement

Completion of the first-year composition requirement [13] is required for graduation. Any student whose written or spoken English is unsatisfactory in any course may be required by the appropriate school director or program chair to take additional coursework.

Concurrent degrees

Students interested in pursuing a concurrent degree should consider several aspects:

- The degree conferral date occurs when all degree requirements are satisfied for each undergraduate degree program; that is, students receive both degrees at the same time regardless of whether coursework for one degree is completed before coursework for the other.
- Admission criteria, policy for double-counting credits, and other requirements and rules are defined by the school or college offering the degree program.
- Financial aid and scholarship limits apply and may not cover all semesters; therefore, students may need to invest more time, and hence more funds, to complete concurrent degrees.

Once a decision is made to pursue a concurrent degree, the process must be set in motion:

- A student pursuing a concurrent degree must meet with both program advisors to learn about degree and graduation requirements of both degree programs and the eligibility requirements before starting the approval process. Both advisors should review the graduation plan that outlines courses the student will take each semester.
- The student must complete the concurrent degree process with each respective school or college offering the desired degree programs to request permission to pursue the concurrent degrees.
- Concurrent degree approvals result in the posting of concurrent degrees in PeopleSoft. If the student later decides to drop one of the degree programs, the student should inform University Registrar Services graduation office [14] that they are no longer interested in pursuing concurrent degrees.

Change of major

Students interested in switching majors to one of the programs within the Ira A. Fulton Schools of Engineering must meet the schools' admission requirements for transfer students [15]. This requirement is true for students admitted to ASU as first-year or transfer students. A change of major is not guaranteed, and students interested in changing majors are

encouraged to make an appointment with an advisor in the program of interest to discuss the probability of success and to develop a plan of action to ensure successful advancement to upper-division courses.

Students admitted as first-year students to the Ira A. Fulton Schools of Engineering who have maintained continuous enrollment in any Ira A. Fulton Schools of Engineering major, with the exception of students admitted to The Polytechnic School [16], the School of Manufacturing Systems and Networks [17], the School of Integrated Engineering [18] and the School of Computing and Augmented Intelligence [19] at the West Valley campus, may choose to change to any other major within the Ira A. Fulton Schools of Engineering, provided they are in good academic standing [20]. Students admitted to the four schools listed above must meet the higher transfer admission requirements to change to an Ira A. Fulton Schools of Engineering major outside of their current schools.

Evaluation of previous coursework

Transferring from one institution to another or between programs can result in a net loss of credits that count toward the degree. Thus, it is important for students who are considering transferring to the Ira A. Fulton Schools of Engineering from other institutions, whether community colleges or four-year institutions, to carefully study the requirements of their degree programs to get a sense of which courses may transfer.

Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades lower than "C" (2.00) are accepted as transfer credit to meet the graduation requirements of the schools. Credits transferred from a community college or two-year institution are applied only as lower-division credits. For a listing of the acceptable courses transferable to the various degree programs, prospective transfer students should consult their advisors and refer to the Transfer Guide [21].

Some courses taken at ASU or other universities may be acceptable for general university credit but may not be applicable toward the degree requirements of the schools. Determination of those particular courses applicable to a specific degree program is made within the appropriate academic unit with approval of the dean.

Currency of coursework

Courses taken more than five years before admission to degree programs in the Ira A. Fulton Schools of Engineering are not normally accepted for credit in the engineering major and are at the option of the program in which the applicant wishes to enroll. However, students still may earn university elective credit or general studies credit for these courses. Courses completed within the five years preceding admission are judged for their applicability to the student's curriculum.

General education development

Students admitted to the university after successful completion of a GED examination are directly admitted to the Ira A. Fulton Schools of Engineering Bachelor of Science or Bachelor of Science in Engineering program within their majors, provided they meet the minimum ACT or SAT score required for first-year admission to the Ira A. Fulton Schools of Engineering.

Graduation requirements

To qualify for graduation, an Ira A. Fulton Schools of Engineering student must have a minimum cumulative ASU GPA of 2.00 in addition to having a GPA of at least 2.00 for the courses in the major.

University graduation requirements

In addition to program and the Ira A. Fulton Schools of Engineering's requirements, students must meet all university graduation requirements [22]. A well-planned program of study enables students to meet all requirements in a timely fashion. Students are encouraged to consult with an academic advisor in planning a program to ensure they comply with all necessary requirements.

Reinstatement/readmission

Undergraduate degree-seeking students who previously attended ASU in the Ira A. Fulton Schools of Engineering but have not been enrolled at ASU for up to seven consecutive semesters are eligible to return through quick re-entry [23].

Students do not need to submit a new application or application fee, but they must contact an academic advisor in their program for registration.

Undergraduates who have been away from the university for more than seven semesters and want to return to ASU in an Ira A. Fulton Schools of Engineering program are required to apply for readmission [24] through ASU Admission Services. Readmission requests are processed as follows:

1. Engineering students seeking readmission to the same program they left and who left ASU with either academic good standing or probation status are readmitted to that degree program with the same academic standing they had when they left ASU (i.e., good academic standing or probation).
2. Students seeking readmission to an Ira A. Fulton Schools of Engineering program other than the program they left and who have an ASU GPA of 3.00 or higher are readmitted to the new degree program with the same academic standing they had when they left ASU (i.e., good academic standing or probation).
3. Students seeking readmission to an Ira A. Fulton Schools of Engineering program other than the program they were in when they left ASU with either academic good standing or probation status and who have an ASU GPA lower than 3.00 are subject to the process of admission by change of major. These requests for readmission are reviewed on an individual basis. If the request for readmission is approved, the student is readmitted to the new degree program with the same academic standing they had when leaving ASU (i.e., good academic standing or on probation).
4. Students seeking readmission to an Ira A. Fulton Schools of Engineering program who left ASU with either ineligible or disqualified status are subject to review by the Office of Academic and Student Affairs and the program. Readmission is only considered after a student has remained out of the Ira A. Fulton Schools of Engineering for a minimum of 12 months. A student is required to supply proof of now being capable of successfully completing courses in the discipline by the completion of at least 15 hours of appropriate coursework with a GPA of 3.00 or higher and a cumulative GPA (ASU plus transfer) of at least 2.50. If the readmission request requires a change of major, the student must complete the review process for admission by change of major. If readmission is approved, the student returns with continuing probation status in the appropriate degree program.

Once readmitted, returning students are required to meet with a program advisor before enrolling in courses at ASU.

Other special requirements

Advancing to upper-division courses

The faculty in the Ira A. Fulton Schools of Engineering have identified a set of critical requirements in the first four semesters of each program whereby performance in these critical requirements is a key component in progressing in the chosen major. These critical requirements include a set of courses and performance levels required in those courses and are outlined on the major map or curriculum checksheet.

Graduate policies

Maintaining satisfactory academic progress

A student who has been admitted to a graduate degree program in the Ira A. Fulton Schools of Engineering, with either regular or provisional admission status, must maintain a GPA of 3.00 or higher in all the following:

1. all work taken for graduate credit (courses numbered 500 or higher)
2. coursework in the student's approved plan of study
3. all postbaccalaureate coursework taken at ASU (overall GPA)

A student is placed on academic probation if at least one of their GPAs listed above is lower than 3.00. Students are notified by mail when placed on academic probation.

A student earns good academic standing by obtaining GPAs of 3.00 or higher in coursework listed above within the next nine credit hours or one academic year, whichever comes first. Coursework such as research and dissertation and any course graded with a "Z" (in progress) or "Y" (satisfactory) cannot be included in these nine hours.

A student may be recommended for dismissal from a graduate program if they fail to increase all the GPAs listed above to 3.00 or higher within the specified time frame defined in the previous paragraph.

A student may appeal actions concerning dismissal by petitioning the program in which they are enrolled.

Student dismissal appeal

A student may appeal actions concerning a satisfactory academic progress dismissal by submitting a timely appeal to the school or program in which they are enrolled. Any dismissal appeal submitted to the school that is denied is automatically forwarded to the Ira A. Fulton Schools of Engineering Academic Standards Committee for additional review. Any appeal denied by the Academic Standards Committee is forwarded to the Graduate College for final review and execution.

Dismissal appeal opportunities are typically not provided in the following situations: dismissal for failure to satisfy provisional or probationary admission requirements within the specified time, failure to complete regular admission deficiencies within the prescribed time frame, student appeal resulting in a school-issued probation extension, or failure to maintain continuous enrollment.

Academic units in the Ira A. Fulton Schools of Engineering can expand this policy statement to include additional policies governing the satisfactory academic progress of the students in their graduate programs.

Additional graduate policies

Full details of policies related to graduate students in the Ira A. Fulton Schools of Engineering can be found on each program's webpage. For a list of programs, students should visit the Engineering website [1]. University policies related to graduate students can be found on the Graduate College [26] webpages.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College and the Ira A. Fulton Schools of Engineering.

Source URL: https://catalog.asu.edu/policies/engineering

Links:
[1] https://engineering.asu.edu/
[2] https://students.engineering.asu.edu/policies/student-professionalism/
[3] https://provost.asu.edu/academic-integrity
[4] https://provost.asu.edu/academic-integrity/policy
[5] https://provost.asu.edu/academic-integrity/honor-code
[6] https://public.powerdms.com/ASU/documents/1541854
[7] https://www.asu.edu/reportit/
[8] https://canvas.asu.edu/enroll/C8KEXW
[9] https://students.engineering.asu.edu/advising/
[10] https://engineering.asu.edu/advising/undergraduate-standards-petition-form/
[11] https://canvas.asu.edu/enroll/C8KEXW
[12] https://catalog.apps.asu.edu/catalog/courses
[13] https://catalog.asu.edu/undergraduatereq#first_year_composition
[14] https://registrar.asu.edu/contact/office-university-registrar
[15] https://engineering.asu.edu/admission-requirements/
[16] https://poly.engineering.asu.edu/degrees/bachelors-degrees/
[17] https://msn.engineering.asu.edu/
[18] https://sie.engineering.asu.edu/
[19] https://scai.engineering.asu.edu/

[20] https://catalog.asu.edu/retention_standing
[21] https://admission.asu.edu/apply/transfer
[22] https://catalog.asu.edu/undergraduatereq
[23] https://catalog.asu.edu/glossary#quickreentry
[24] https://admission.asu.edu/apply/first-year/readmission
[25] https://engineering.asu.edu/
[26] https://graduate.asu.edu/

College of Global Futures policies

The College of Global Futures [1] prepares next-generation leaders with the knowledge, skills and mindsets they need to tackle complex global challenges. Home to the School for the Future of Innovation in Society [2], School of Sustainability [3], School of Complex Adaptive Systems [4] and School of Ocean Futures [5], the college fosters new interactions between students, staff, faculty and partners that elevate our ability to understand complex, integrated social, environmental and technical systems; drive principled innovation; and lead to evidence-based, ethical interventions that ensure a just, healthy and fulfilling future for everyone. Students learn how to develop enduring solutions that benefit all people everywhere on a thriving, healthy planet.

Student responsibilities
Students need to make many decisions as they complete their degrees. While the college and the university have a number of resources available (e.g., faculty, courses, advisors and tutors) to help in the decision-making process, students are expected to take responsibility for their decisions.

Academic integrity

The College of Global Futures academic integrity policies and procedures [6] adhere to ASU's academic integrity policies and procedures [7]. Students are part of an academic community that is engaged in learning and inquiry, and based on the quest for truth, thus committing themselves to a path of honesty and integrity. Therefore, it is expected that they integrate that responsibility with their conduct, in line with the ASU student honor code [8]. Students' coursework, research and projects must be original and reflect individual effort and integrity. When in doubt about appropriate conduct, students should consult a faculty mentor, advisor or the college's academic integrity officer [9] for clarification.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [10].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [11] website.

Undergraduate policies

Academic standing

Good standing

Students with a cumulative ASU GPA of 2.00 or higher are considered in good standing.

Academic warning and academic probation

An undergraduate student with a cumulative GPA lower than 2.00 at the end of their first semester at the university (fall or spring) is considered to be on academic warning during their second term. If a student on academic warning does not achieve the minimum GPA standard of 2.00 at the end of the warning period in the second term, the student is placed on probation for the following term.

Students who are no longer in their first semester at ASU and do not maintain a cumulative GPA of 2.00 or higher in all courses taken at ASU are placed on academic probation.

A student with an academic warning or probation status must meet with an academic advisor to discuss academic success strategies for the subsequent semester and develop a success plan for returning to academic good standing. The student and advisor discuss campus academic resources, plan current and future-semester goals, and discuss strategies to attain academic success. Students on academic warning or probation may be limited in the number of credit hours in which they may enroll; they also must enroll in the one credit hour academic refresher course UNI 220: Mindset Connections [12], which helps students develop skills and strategies to be their best, stronger academic selves. Through self-reflective writing, students in the class can discover their potential by exploring topics and research that support them academically and personally. Students also must do one of the following:

- Students must raise their cumulative ASU GPA to 2.00 or higher by the end of the next semester to return to good academic standing.
- If a cumulative GPA of 2.00 can't be reached in one semester, students must obtain a semester GPA of 2.00 or higher with no grade lower than a "C" in order to be granted one additional semester on continuing probation; this provides students with two semesters to return to good academic standing and avoid disqualification.

Disqualification

Students who do not meet probation requirements may be disqualified from ASU and are not permitted to register for fall or spring sessions. However, students can attend summer sessions to bring their GPA to good standing. If disqualified students choose to register for courses in the summer, they first should meet with an advisor to better understand grade replacement policies and determine which courses would be best for them. Students who already registered for future fall or spring semesters will have their registrations canceled.

Academic advising

The College of Global Futures Student Services Center [13] supports students' achievement of their personal, educational, cultural and career goals, while enabling them to become self-directed, lifelong learners. The college encourages students to meet with an advisor at least once a semester and requires that students meet with an advisor at certain points during their academic career:

- before the first semester: all newly admitted students
- first semester: during the first semester to plan for the second semester
- fifth semester: when students are starting to focus their studies and think about steps leading to graduation
- seventh semester: to prepare for any capstone experiences required and plan for postgraduation

Office hours are Monday through Friday, 9 a.m.–4 p.m., excluding university holidays. Students should schedule their advising appointments in advance through My ASU [14] or the undergraduate advising page [15] so advisors can set aside the appropriate time to answer all their questions.

Registration and credit

Students who enroll in courses offered by the College of Global Futures are expected to follow the rules and deadlines specified in this catalog and the ASU academic calendar [16]. Students are encouraged to meet with their academic advisor before registration.

Maximum hours and course load

Students enrolled in undergraduate degree programs in the College of Global Futures may register for a maximum of 18 credit hours per semester (fall and spring), with a maximum of nine credit hours per session A or session B. Students may register for a maximum of 14 credit hours per summer term, with a maximum of seven credit hours per session A or session B.

Students who want to register for more than the maximum must submit a credit overload request [17] and meet the stated criteria. Students generally are not permitted to exceed the maximum credit limit in their first term at ASU or in the hybrid year of an accelerated bachelor's plus master's degree program; however, each request is reviewed on an individual basis.

More details on credit hour limits are available on ASU's course load and concurrent enrollment policy [18].

Late enrollment transactions

The College of Global Futures adheres to all posted university deadlines for course enrollment, including add, drop and withdrawal. Late drops from College of Global Futures courses are not approved; however, students can withdraw from courses following the regular course withdrawal process [19]. If students wish to add a College of Global Futures course after the official add deadline, they may request special permission to do so. Instructor approval is required; however, instructor approval does not guarantee college-level approval. Add and drop deadlines are posted on the academic calendar [16].

Repeat and replacement policy

Students who wish to repeat courses and possibly replace prior course grades must follow ASU's repeating courses policy [20] regarding the number of credit hours that are allowed to be repeated and the types of courses that are eligible for a grade replacement.

Generally, students may not repeat an undergraduate course for credit when a grade of "C" or higher is earned unless the higher grade is required for the course as part of the major.

Students who wish to repeat a course for a third time must submit a petition. Students should contact the advising office [15] for information.

Pass/fail grade options

Some instructors may offer courses on a grading basis of "Y" (satisfactory) and "E" (failing). With a "Y" grade, students earn credit hours, but the grade is not factored into the GPA. The "P" (pass) grade works similarly but is only used when an individual student receives permission from both the class instructor and the college or school before the add deadline for the session. Permission is recorded on the application for pass/fail enrollment form [21]. A grade of "E" is factored into the GPA. Students should see ASU grading options and definitions [22] for more information.

Degree requirements

All undergraduate students in the College of Global Futures must complete the university's general studies requirement [23] and all requirements for their majors.

Critical requirements

All College of Global Futures students must meet critical requirements for their intended majors. Students who do not comply with the critical requirements are considered off track, and holds are placed on their records; to have the holds removed, they must meet with their advisors.

Minors

Students in the College of Global Futures may not use courses in their majors to fulfill the requirements of their minors. Similarly, they may not use courses in their minors to fulfill their major requirements, with the exception of the related discipline requirement for the BA or BS in sustainability.

Concurrent degrees

To declare a concurrent degree, current Global Futures students must meet the following requirements and any eligibility requirements of the additional degree program:

- have completed at least 30 graded credit hours
- have a minimum cumulative ASU GPA of 2.75

Students must follow the university process [24] for requesting concurrent degree approval.

As a part of seeking College of Global Futures approval, students are asked to submit online responses to a short set of questions. If the student does not submit a response within one week, the concurrent degree request is canceled. The

student may resubmit their request when ready to respond to the questions. Within two weeks of concurrent degree approval, students should schedule an appointment [25] with a Global Futures advisor to review the degree requirements.

Degree combinations with too great an overlap between the required courses for each major are not approved. For example, students may not pursue a Bachelor of Arts or Bachelor of Science in sustainability as well as a BS in sustainable food systems, a BA in business with a concentration in sustainability, or a BA in interdisciplinary studies with a concentration in sustainability.

Readmission

Students seeking reinstatement after disqualification or readmission after absence from the university should contact the College of Global Futures Student Services Center regarding procedures and guidance for returning to good standing. When reinstatement includes readmission, application must be made through the ASU readmission process [26]. Readmission applications are reviewed by the college on a case-by-case basis, and considerations may include the length of absence from higher education, academic standing and GPA at the time of leaving Arizona State University, number of credit hours completed after leaving Arizona State University, grades earned and overall transfer GPA.

Other special requirements

Grade appeals

The College of Global Futures follows the university policy for student appeal procedures on grades [27] and has outlined more information about the process within the college on the Global Futures website [28].

Graduate policies

The college's graduate policies are guided by the university policies for graduate studies [29]. Graduate advising and student services are currently offered directly through each of the schools within the College of Global Futures: School for the Future of Innovation in Society [2], School of Sustainability [3], School of Complex Adaptive Systems [4] and School of Ocean Futures [5].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those outlined by the Graduate College and the College of Global Futures. Additional information about program requirements and what is required to maintain good academic standing can be found in program handbooks.

Source URL: https://catalog.asu.edu/policies/global_futures

Links:
[1] https://collegeofglobalfutures.asu.edu/
[2] https://sfis.asu.edu/
[3] https://schoolofsustainability.asu.edu/
[4] https://scas.asu.edu/
[5] https://oceans.asu.edu/
[6] https://collegeofglobalfutures.asu.edu/academic-integrity/
[7] https://provost.asu.edu/academic-integrity
[8] https://provost.asu.edu/academic-integrity/honor-code
[9] https://provost.asu.edu/academic-integrity/officers
[10] https://public.powerdms.com/ASU/documents/1541854
[11] https://www.asu.edu/reportit/
[12] https://universitycollege.asu.edu/academic-success/success-courses/mindset-connections
[13] https://collegeofglobalfutures.asu.edu/student-life/advising/
[14] https://webapp4.asu.edu/myasu/
[15] https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising/
[16] https://registrar.asu.edu/academic-calendar

[17] https://collegeofglobalfutures.asu.edu/student-life/advising/credit-hour-overload-request/
[18] https://catalog.asu.edu/course_load
[19] https://registrar.asu.edu/drop-add
[20] https://registrar.asu.edu/grades#webspark-anchor-link--343
[21] https://registrar.asu.edu/forms/application-pass-fail-enrollment
[22] https://registrar.asu.edu/grades#webspark-anchor-link--339
[23] https://catalog.asu.edu/ug_gsr
[24] https://students.asu.edu/concurrent-degrees
[25] https://collegeofglobalfutures.asu.edu/advising-appointment-scheduling/
[26] https://admission.asu.edu/apply/first-year/readmission
[27] https://catalog.asu.edu/appeal
[28] https://collegeofglobalfutures.asu.edu/student-life/advising/grade-appeal-academic-grievance/
[29] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

Thunderbird School of Global Management policies

For more than 75 years, Thunderbird School of Global Management has been the vanguard for global leadership and management education. Since 1946, Thunderbird has helped guide exceptional individuals to shape meaningful and impactful careers all over the world — as entrepreneurs and innovators; as leaders of multinational corporations and family businesses; and as individuals in government agencies, international organizations and the nonprofit sector.

Today, people live in an era of profound global transformation. The digital age is reshaping lives and unlocking vast opportunities, as well as posing distinct challenges and changes to the ways people live and work.

More than ever, the world needs Thunderbird graduates, those who possess contextual global mindsets and unparalleled fluencies that enable them to work across countries, across sectors and across cultures. Graduates do not just thrive in this new, digital and global economy — they redefine it, creating the industries, ecosystems and future they want for themselves and future generations.

Academic integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU student academic integrity policy [1] is strictly enforced for students found in violation of this policy. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal.

For more information on graduate-specific policies, students should review the Graduate College's academic integrity page [2].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment, and Retaliation [3].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [4] website.

Undergraduate policies

Academic standing

To remain in university academic good standing [5], all students at Thunderbird must:

- maintain a minimum GPA of 2.00 each semester
- maintain a minimum cumulative GPA of 2.00

University academic warning

An undergraduate student with a cumulative GPA lower than 2.00 at the end of their first semester (fall or spring) is considered to be in the status of university academic warning.

Academic probation

An undergraduate student is placed on university academic probation if, at the end of a semester (fall or spring) that is not the student's first semester at ASU, they have a cumulative GPA lower than 2.00, or the student received an academic warning in the prior term.

Continuing probation

A student is on university continuing academic probation each semester (fall or spring) that they (previously on university academic probation) earn a semester GPA higher than 2.00 but have a cumulative GPA lower than 2.00.

eAdvisor tracking

In addition to being in good academic standing with the university, all students at Thunderbird must adhere to ASU critical tracking requirements, per the pertinent major map [6] or curriculum checksheet. Students are considered off track if they fail to meet ASU critical tracking requirements.

Students who remain in off-track status for two or more consecutive semesters may be required to change majors.

Remediation

Students are required to meet with an academic advisor if they are placed on academic warning, probation, continuing probation, or off-track status or are at risk for disqualification, at which point an appropriate remediation plan is discussed.

Disqualification

Students are disqualified from ASU if their cumulative GPA remains lower than 2.00 for more than two consecutive semesters. Students who are disqualified are not allowed to enroll in the following fall or spring semester. They may take courses during the summer to raise their GPA; however, this does not guarantee reinstatement for the following fall semester. Disqualified students must follow the procedures for readmission, and requests are reviewed by the college on a case-by-case basis.

Advising

Thunderbird is committed to the personal, social and academic experiences of students by providing high-quality, student-centered academic advising, ensuring the accuracy and accessibility of information and resources, and partnering with students to help them reach their career goals.

Academic advising is required for the following students:

- All first-year and new transfer students are required to meet with an academic advisor before course registration. Thus, first-year students are required to meet with an academic advisor before their first and second semesters.
- Students not in good academic standing status (e.g., on academic warning, probation, continuing probation, off-track status, disqualification) are required to meet with an academic advisor to discuss a remediation plan.

Faculty and staff use academic status reports [7] to provide students feedback over the course of the academic semester and year. Academic status reports may be used to identify students who are struggling academically or professionally or to recognize students who are exceeding in coursework. Academic advisors and faculty mentors may access ASRs to provide students with valuable insight into performance improvement.

Credit and registration

Course load

Students are allowed to register for a maximum of 18 credit hours per semester. To register for more than the maximum allowable, students may petition their Thunderbird School of Global Management academic advisor. No student should assume that a petition for overload will be granted. For more information, students should review the course load and concurrent enrollment policy [8].

Transfer work

Transfer credits from other institutions may be accepted and applied based on the student's major. Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades lower than "C" (2.00) transfer to ASU. Credits transferred from a community

college or two-year institution are applied as lower-division credits. Thunderbird School of Global Management recommends that students work closely with their academic advisor to determine the process for applying pertinent transfer credit hours to their program of study. For more information on the transfer process and a list of the courses transferable to the various degree programs, students should consult their advisor and refer to the ASU transfer tools [9].

Course prerequisites

Course prerequisites are established to ensure student success in a course. Students must complete all course prerequisites before enrolling in the desired course. Prerequisite overrides may be granted under the following conditions:

- A transfer course has been accepted by an advisor to fulfill a course prerequisite.
- A prerequisite override has been granted by an advisor, instructor or other authority.

Grade of incomplete

A grade of "I" (incomplete) [10] for a course may be granted by permission of the instructor under the following conditions:

- The student has completed a substantial portion of the required coursework.
- The student has experienced extenuating circumstances before the end of the semester, preventing completion of the course.

If qualified, students have one calendar year to complete course requirements. If requirements are not met per the standards agreed upon with the course instructor after one calendar year, the incomplete is adjusted to reflect a course failure.

Pass/fail grade option

A grade of "P" (pass) contributes to a student's earned credit hours but does not affect the GPA. A grade of "E" (failing) is calculated into the GPA.

The pass/fail grade option may be used under the following conditions:

- Approval has been granted by the instructor and college offering the course.
- The pass/fail option was chosen during initial registration for the course, if available.

Thunderbird students may not enroll under the pass/fail option in the following courses:

- those taken to satisfy first-year composition requirements
- those taken from the student's major, minor or certificate program
- those taken for honors credits
- those counted toward satisfying ASU general studies requirements
- those counted toward satisfying Thunderbird language and culture proficiency requirements

Pass/fail credit taken at another institution may be petitioned for use, but only if the student can demonstrate proof that the pass grade was equivalent to a "C" (2.00) or higher.

Withdrawal

Complete session withdrawal information

Because a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, undergraduate students are required to contact the college or school of their major to facilitate the withdrawal process.

During the fall or spring semester, students may submit a withdrawal request by signing in to My ASU [11], clicking on the Registration link in the My Classes box, and selecting Drop/Withdrawal. The request will be electronically routed to the student's college or department for review and next steps. If the semester has not yet begun, or the student wishes to withdraw from a summer session, they can sign in to My ASU [11], click on the Registration link in the My Classes box, select Drop/Withdrawal and follow the steps to withdraw from classes.

ASU has many resources in place to help students. Students may want to consider one or more of the following:

- Withdraw from just one or two classes (course withdrawal). Students may withdraw from a class while remaining enrolled in other classes as long as the withdrawal is completed between the drop deadline and the course withdrawal deadline. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements. Students also are encouraged to contact a financial aid representative to consider any impact that withdrawing will have on scholarships, grants and loan packages.
- Request a medical or compassionate withdrawal. Medical or compassionate withdrawals are available for students withdrawing from one or more classes because of extraordinary personal mental or physical health conditions or the death or serious illness of a family member or close friend. If approved, students are allowed one medical or compassionate withdrawal during their academic career with Thunderbird. For information concerning medical or compassionate withdrawal requests, students should see the medical and compassionate withdrawal policy [12], and they may obtain the form online [13] (PDF).
- Seek tutoring or academic support services. University Academic Support Network [14] provides a variety of services to help students become better learners and gain the confidence and skills they need to achieve their academic goals. Services include writing centers, math tutoring, subject area tutoring and supplemental instruction.
- Make an appointment with ASU Counseling Services. Counseling and mental health services are provided at each of the four ASU campuses and via telehealth appointments. ASU students may seek services at any of the campus counseling centers [15], regardless of their college affiliation.
- Explore the possibility of an "I" (incomplete) grade.

The following are possible consequences of a complete session withdrawal:

- financial aid — Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal of financial aid depends on when the withdrawal is dated and the type of financial aid. More information is available at ASU Financial Aid and Scholarship Services [16].
- tuition and refunds — The date of a complete withdrawal determines whether or not a tuition refund is generated. Students should review the tuition refund policy [17] for more information.
- health insurance — Students should contact their health insurance company to determine whether or not withdrawing from the university affects their coverage.
- housing — Students who live on campus should contact their residence hall community staff to determine what impact withdrawing would have on their eligibility to live on campus; to complete a license agreement release [18] form; and to arrange an appointment to officially check out. More information is available at the University Housing [19] website.
- veteran benefits and certifications — Students should contact the appropriate veteran benefits and certifications office to discuss information regarding veterans' educational benefits and military activation. For more information, students should email ptvc@asu.edu or visit the Pat Tillman Veterans Center [20] website.

For general university withdrawal procedures, students should review the university add, drop and withdrawal policies [21].

Degree requirements

All candidates for graduation in the Bachelor of Global Management or Bachelor of Science in international trade curricula are required to present at least 120 credit hours, of which at least 45 must consist of upper-division coursework. A minimum cumulative GPA of 2.00 is required for graduation.

It is the student's responsibility to be aware of the degree program requirements and to select courses accordingly.

To graduate, a student must satisfy the following requirements:

1. ASU 101 or equivalent (first-year students)
2. college proficiency requirements for language
3. university first-year composition [22] and general studies [23] requirements

4. six credit hours of coursework at the upper-division level — three credit hours of literacy (L), and three hours of humanities, arts and design (HU) or social-behavioral sciences (SB) — in addition to the university-required 29 credit hours of general studies coursework (General Studies Maroon only)
5. major requirements that involve concentrated coursework in one program
6. successful completion of critical-tracking courses as required on the student's major map or curriculum checksheet

For more information regarding eAdvisor tools, students should visit the eAdvisor [24] website.

Thunderbird proficiency requirement

The Thunderbird proficiency requirement may be satisfied through one of the following:

- completion of a language course at the intermediate level (202 or equivalent)
- completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country
- completion of six credit hours of upper-division courses that have the global communities, societies and individuals (GCSI) designation (General Studies Gold), or six credit hours of upper-division courses that have the global awareness (G) designation or cultural diversity in the U.S. (C) designation (General Studies Maroon), in addition to the courses used to meet the university general studies requirements

Students must earn a grade of “C” (2.00) or higher in the courses taken to fulfill this requirement. Most students will fulfill this requirement through the completion of TGM 353 and TGM 468.

Concurrent degrees

Thunderbird allows students to request approval to pursue a concurrent degree through the university approval process [25]. A minimum of 30 distinct credit hours must be taken for each degree program, and degree combinations with significant curricular overlap might not be approved.

Students interested in applying for a concurrent degree should consult with their academic success advisor about the feasibility of a concurrent degree and also must meet the following criteria:

1. have attained sophomore standing or higher
2. have a minimum cumulative GPA of 3.00
3. have completed a minimum of 12 credit hours of coursework in the first major
4. follow approval criteria procedures for both colleges

Incompatible concurrent degrees

BGM in global management/BS in international trade

For more information on degree requirements, students should reference Degree Search [26].

Minors

Thunderbird students may pursue minors [27] in other colleges at ASU. Courses taken for the minor may not be used for the student's major program.

Readmission

Undergraduate degree-seeking students are eligible to return through quick re-entry [28] if they previously attended ASU but have not enrolled at ASU for up to seven consecutive semesters. These students are not required to submit a new application or application fee, but they must contact a Thunderbird academic advisor to enroll.

Undergraduates who have been away from the university for eight or more semesters and want to return to ASU in a Thunderbird program are required to apply for readmission [29] through ASU Admission Services.

Disqualified students must follow the procedures for readmission; requests are reviewed by the college on a case-by-case basis.

Other special requirements

Grievance policy

Undergraduate students with grievances pertaining to an enrolled course should first address issues with the course instructor. If an identified grievance is not resolved with the course instructor, the student should next seek resolution through the academic advisor, and then from Thunderbird's senior associate dean of undergraduate programs. Finally, if no resolution has been achieved, the student should contact the deputy dean of the Thunderbird academic enterprise.

Graduate policies

Academic progression

Each graduate program at Thunderbird adheres to specific academic requirements. Students are strongly encouraged to become familiar with the expectations listed for their respective graduate program and review ASU Graduate College policies [30] and the Thunderbird Graduate Student Handbook (PDF) [31]. Each student should also communicate directly with their program coordinator or academic advisor to ensure a clear understanding of all degree requirements and program expectations. Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and must abide by all university policies, including those of the Graduate College and the Thunderbird School of Global Management.

All Thunderbird graduate programs require a minimum cumulative, graduate and iPOS GPA of 3.00. Students should see the individual graduate degree programs for additional requirements on satisfactory academic progress, probation and disqualification.

Credit and registration

Because of the intensity of the Thunderbird graduate programs, the number of credit hours that students take each semester may be limited. Students should see the Thunderbird Graduate Student Handbook (PDF) [31] for more information.

Students may petition the deputy dean to register for more than the maximum allowable number of credit hours. No student should assume that a petition for overload will be granted.

Source URL: https://catalog.asu.edu/policies/global-management

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity
[3] https://public.powerdms.com/ASU/documents/1541854
[4] https://www.asu.edu/reportit/
[5] https://catalog.asu.edu/retention_standing
[6] https://degrees.apps.asu.edu/majormaps
[7] https://students.asu.edu/academic-status-report
[8] https://catalog.asu.edu/course_load
[9] https://admission.asu.edu/apply/transfer/transferring-credits
[10] https://registrar.asu.edu/forms/incomplete-grade-request
[11] https://my.asu.edu/
[12] https://registrar.asu.edu/forms/medical-compassionate-withdrawal-request
[13] https://registrar.asu.edu/sites/default/files/medicalcompassionatewithdrawalrequest04182022.pdf
[14] https://tutoring.asu.edu/
[15] https://eoss.asu.edu/counseling/about-us/location-and-hours

[16] https://tuition.asu.edu/financial-aid
[17] https://tuition.asu.edu/billing-finances/tuition-refund
[18] https://housing.asu.edu/housing-resources/license-agreements/release
[19] https://housing.asu.edu/housing-communities/residential-colleges/thunderbird-school-of-management
[20] https://veterans.asu.edu/
[21] https://registrar.asu.edu/drop-add
[22] https://english.asu.edu/admission/first-year-composition-courses
[23] https://catalog.asu.edu/ug_gsr
[24] https://eadvisor.asu.edu/
[25] https://students.asu.edu/concurrent-degrees
[26] https://degrees.apps.asu.edu/bachelors
[27] https://catalog.asu.edu/minors
[28] https://catalog.asu.edu/glossary#quickreentry
[29] https://admission.asu.edu/apply/first-year/readmission
[30] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
[31] https://thunderbird.asu.edu/sites/default/files/2023-11/thunderbird-graduate-student-handbook.pdf

College of Health Solutions policies

The College of Health Solutions translates health research and discovery into practice and prepares students to address the challenges facing people who wish to stay healthy, improve their health, and manage chronic disease. Programs are offered in a wide variety of disciplines such as biomedical informatics and biomedical diagnostics, kinesiology, sports and exercise science, health sciences, health care delivery, nutrition, population health, and speech and hearing science. Students, faculty and staff at the College of Health Solutions work together toward a common goal of improving health outcomes by optimizing health and human performance across the life span and addressing systems of health care and health needs of populations. Graduates of the college are distinctly prepared to make an impact in the health workforce and shift the focus of health from sickness to wellness.

Health equity and inclusion
The College of Health Solutions is on a mission to improve the mental and physical health of both larger and immediate communities by better understanding the challenges that individuals and populations face, while striving to be part of the solution. The college is committed to the idea that every member of society should have the opportunity for good health and wellness throughout their life span. In an effort to actualize this ideal, the college embraces and supports greater justice, diversity, equity and inclusion in everything it does, including teaching, research, service and clinical practice.

Students can learn more about the College of Health Solutions' commitments to justice, equity, diversity and inclusion [1].

Academic integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU academic integrity policy [2] is strictly enforced, and for students found in violation of this policy, possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and expulsion.

For more information, undergraduate students should refer to the college's undergraduate student forms and policies [3] site, and graduate students should review the Graduate College's policies and resources for academic integrity [4].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment, and Retaliation [5] (PDF).

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [6] website.

Undergraduate policies

Academic standing

The standards for GPA and the terms of academic warning, academic probation or continuing probation, disqualification and reinstatement are identical to those of the university, as set forth under the retention and academic standards [7] policy.

Academic good standing

For the purpose of retention, university academic good standing [8] for degree-seeking students is defined as maintaining a minimum cumulative GPA of 2.00. This standard is in effect for all students, regardless of catalog year.

Academic warning and probation

An ASU student who does not achieve the minimum GPA standard at the completion of the first term of study receives an academic warning [9]. If, after one term with an academic warning, a student still does not achieve the minimum GPA standard, the student is placed on probation [10] for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not their first term at ASU, they are placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

If a student is placed on academic warning or probation, they receive communication from the college indicating next steps and requirements.

Students on academic probation receive an advising hold and are required to complete the academic refresher course UNI 220: Mindset Connections. UNI 220 appears on the student's DARS as a graduation requirement.

Continuing probation

Students are placed on continuing probation [11] when their cumulative GPA is below 2.00 for two consecutive semesters but they have shown academic progress and have not earned lower than a "C" (2.00) in any course in their most recent semester.

Disqualification

Students are disqualified from the College of Health Solutions and ASU if their cumulative GPA remains lower than 2.00 for two consecutive semesters after they have been placed on probation. Students who are disqualified cannot enroll in classes at ASU for a minimum of two semesters (fall and spring). Disqualified students may take courses during the summer to raise their GPA; however, this does not guarantee reinstatement for the following fall semester. Disqualified students must apply for readmission or reinstatement for the semester in which they wish to return to the university. The college does not reinstate students into any major that prepares students for professional school or professional credentialing, nor does the college reinstate students into majors in which they have twice failed to complete a required course at ASU.

eAdvisor tracking

In addition to being in university good academic standing, students in the College of Health Solutions must adhere to critically tracked requirements. For more information on critically tracked courses, students should review the My Major Map progress for their degree program, which is accessible through My ASU. Students are off track if they fail to meet one or more critical requirements, as stated in terms 1-4 of their major map, in a given fall or spring semester. All off-track students receive a hold that requires them to meet with their academic advisor and set a plan for getting back on track with their degree program.

Students who remain off track for two or more consecutive semesters may be required to change majors.

Advising

The Student Success Hub in the College of Health Solutions is committed to maximizing the academic, social and personal experiences of students by providing high-quality, student-centered academic advising [12]. Academic advisors are trained to know degree requirements and can assist students with planning their courses in an appropriate sequence; they also ensure that students have the resources necessary to reach their career goals in health and health care. Students can direct most university-related questions to their advisor, who can guide them to available resources. Advisors are available to meet with students in each of the undergraduate programs in person or by phone or Zoom.

Students can monitor their own academic progress using tools such as their graduation audit, their major map or their curriculum checksheet found on My ASU. The DARS Explainer Experience [13] provides more information.

The following students receive academic advising holds and are required to consult with their academic advisor to be eligible to register for courses:

- all new first-year and transfer students

- students newly readmitted to the university
- students not in satisfactory academic standing status (e.g., probation, continuing probation, off-track status)

Pre-health advising

Pre-health advising [14] supports students who are interested in pursuing careers in medicine, veterinary medicine, optometry, dentistry, chiropractic medicine, pharmacy, occupational therapy or physical therapy, or who want to become a physician assistant. Pre-health advising offers guidance on career pathways, application timelines, prerequisites, personal statement reviews and mock interviews, including multiple mini interviews.

Credit and registration

Course load limit

For fall or spring semesters, a minimum full-time course load for an undergraduate student is 12 credit hours. The maximum course load for which a student may register is 18 credit hours during a fall or spring semester, with a maximum of nine credit hours in session A or B; the load limit is a total of 18 credit hours for any combination of sessions. The summer session load limit is seven credit hours for each six-week session and nine credit hours for the eight-week session; the load limit is a total of 14 credit hours for any combination of sessions.

A student who wishes to register for more than the maximum credit limit per term must petition to obtain an approved overload before registration. Additional instructions to petition can be found on the college's undergraduate student forms and policies [3] site.

Graduate credits earned by undergraduate students

Undergraduate students interested in taking graduate-level credits while enrolled in a bachelor's degree program must adhere to the university policy for graduate credits earned by undergraduate students [15]. Before registering for a graduate-level course, undergraduate students must petition [3] the College of Health Solutions Academic Standards and Grievances Committee through their academic advisor for permission to enroll in a specific course.

Accelerated bachelor's plus master's degree programs may use a maximum of 12 preadmission credits, which may include up to a maximum of 12 credit hours shared between the programs. Students in accelerated programs should contact their advisor to ensure proper sharing of credit hours. Students who have been accepted to an accelerated degree program do not have to petition the standards committee to take the shared courses.

Late registration

Students who request to enroll in a course after the university add deadline [16] should be aware that this exception to university policy is not guaranteed to be approved.

To register for a class after the add deadline, students are required to obtain authorization from the instructor and the college. The course in question must have open seats, and the student must meet the prerequisites. Students who wish to request late registration for a College of Health Solutions course must follow the steps below in the order in which they are listed:

1. Fill out an enrollment change request form [17].
2. Obtain the instructor's signature by having them sign the form, or have the instructor send an email confirming their approval to add the course late.
    - Late add requests are only considered with instructor approval during the following time frames:
        - First week of A and B session courses (end of the fifth business day from the first day of the session)
        - Second week of C session courses (end of the 10th business day from the first day of the session)
        - Any late add requests beyond these time frames are not considered.
    - Many classes and labs have attendance policies. Confirm with the instructor whether adding the class late means that the missed days count toward total absences.

    - Students should ask the instructor if they are allowed to make up any work they missed by adding the class late.
3. Obtain authorization from the College of Health Solutions:
    - Send the signed form and approval, including all pertinent attachments, to the advising office via email:
        - Campus students should email CHS@asu.edu.
        - Online students should email CHSOnline@asu.edu.
    - Or obtain authorization in person at the following locations:
        - Downtown Phoenix campus students (Health North [18], 4th floor)
        - Tempe campus students (Coor Hall [19], 2nd floor)
        - West Valley campus students (Faculty Administration Building [19], 1st floor)
        - Polytechnic campus students (Santan Hall [21], 330F)
4. Submit the approved form to the University Registrar Services office:
    - Once the advising office has provided authorization, submit the form to any Registrar location [22] for processing.

For questions, students can call the College of Health Solutions at 602-496-3300 or toll free at 844-857-3348.

The College of Health Solutions may approve a late add, late drop or late withdrawal for a CHS course that is due to extenuating or extraordinary circumstances beyond the student's control. The student must outline extenuating circumstances in an email statement and attach the enrollment change request form [17] along with a written statement or email of support from the instructor of the course. These requests should be sent to CHS@asu.edu.

Degree requirements

Experiential learning

Bachelor's degree programs in the College of Health Solutions require students to complete a credit-bearing experiential learning opportunity. Students must complete at least three credit hours of experiential learning that will be determined by their degree program. This requirement is satisfied by a variety of opportunities, including translational research, internships and other hands-on experiences. Students can find detailed information on how this requirement can be completed for their specific degree program on the College of Health Solutions experiential learning [23] site.

Concurrent degrees

Students at Arizona State University are permitted to pursue concurrent degrees as long as they meet the requirements for both programs and receive permission in advance from the college or colleges offering their chosen majors. College of Health Solutions students are required to meet specific criteria before starting the university approval process. Students interested in applying for a concurrent degree should consult with their academic advisor about the feasibility of a pursuing a concurrent degree as it relates to their overall graduation plan.

If a student is adding a concurrent major outside the college, the university approval process must be completed for both the College of Health Solutions and the college of the other major.

Students earn a separate diploma for each degree. Degrees may not be too closely related and are reviewed by an academic advisor during the approval process. For a student to add a concurrent degree, there must be a minimum of 30 distinct credit hours of coursework in each degree program.

The College of Health Solutions minimum requirements to add a concurrent degree are:

1. sophomore standing or higher
2. minimum ASU cumulative GPA of 3.00
3. minimum of 12 credit hours of coursework completed in the first major
4. minimum of nine credit hours of coursework completed in the second major

Readmission/reinstatement

Undergraduate degree-seeking students who previously attended ASU but have not been enrolled at ASU for up to seven consecutive semesters are eligible to return through quick re-entry [24]. Students do not need to submit a new application or application fee, but they must contact an academic advisor in their program for registration. Exceptions may apply, including for students on leaves of absence and students who serve in the military.

Students who have been disqualified from ASU and would like to return to a major in the College of Health Solutions are encouraged to schedule an appointment with an assistant director of academic services to discuss requirements and recommendations. Disqualified students must follow ASU procedures for readmission [25]. Exceptions may apply, including for students on leaves of absence and students who serve in the military. The college does not reinstate students into any major that is meant to prepare students for professional school or professional credentialing, nor does the college reinstate students into majors in which they have twice failed to complete a required course at ASU.

Graduate policies

Academic standing

Each graduate program in the College of Health Solutions adheres to specific academic requirements. Students are strongly encouraged to become familiar with the expectations listed in their respective graduate program handbook [26].

Academic advising

It is important for graduate students in the College of Health Solutions to cultivate the following skills in their development as health professionals:

- accept feedback in a positive manner
- assume responsibility for learning
- communicate with others in a respectful and confident manner
- modify performance in response to feedback
- proactively identify problems and possible solutions

Academic advising at the graduate level is facilitated by graduate support staff [27] in the Student Success Hub.

Faculty advisors meet with students in the academic area of concentration.

Source URL: https://catalog.asu.edu/policies/chs

Links:
[1] https://chs.asu.edu/inclusive-excellence
[2] https://provost.asu.edu/academic-integrity/policy
[3] https://chs.asu.edu/current-students/undergraduate-forms-and-policies
[4] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity
[5] https://public.powerdms.com/ASU/documents/1541854
[6] https://www.asu.edu/reportit/
[7] https://catalog.asu.edu/retention_standing
[8] https://catalog.asu.edu/glossary#goodstanding
[9] https://catalog.asu.edu/glossary#warning
[10] https://catalog.asu.edu/glossary#probation
[11] https://catalog.asu.edu/glossary#probation
[12] https://chs.asu.edu/current-students/undergraduate-advising
[13] https://goto.asuonline.asu.edu/dars/
[14] https://prehealth.asu.edu/
[15] https://catalog.asu.edu/course_load
[16] https://registrar.asu.edu/academic-calendar
[17] https://registrar.asu.edu/enrollment-change-form

[18] https://www.asu.edu/map/interactive/?id=120&mrklid=62626
[19] https://www.asu.edu/map/interactive/?id=120&mrklid=65122
[20] https://www.asu.edu/map/interactive/?id=120&mrklid=63119
[21] https://www.asu.edu/map/interactive/
[22] https://registrar.asu.edu/contact/office-university-registrar
[23] https://chs.asu.edu/current-students/experiential-learning
[24] https://catalog.asu.edu/glossary#quickreentry
[25] https://admission.asu.edu/apply/first-year/readmission
[26] https://chs.asu.edu/current-students/graduate-handbooks-and-plans-study
[27] https://chs.asu.edu/current-students/graduate-advising

Honors - Barrett, the Honors College policies

Students who have demonstrated high levels of academic achievement in high school, along with intellectually curious college-level students seeking a challenging and inspiring academic experience, are invited to apply for admission to Barrett, The Honors College. Each candidate must file an application to the college separate from the ASU application, in accordance with the appropriate Barrett Admissions deadlines.

Applicants are evaluated as part of a thoughtful holistic review. Barrett continues to be ACT and SAT “test blind” for spring 2025 and fall 2025; scores are not considered even if submitted. Students are asked to share their academic records, including high school and college course transcripts and Advanced Placement and International Baccalaureate test scores. The college also asks students to provide information on their special talents and aptitudes, describe examples of leadership and community involvement, and share their individual stories and unique life experiences. High school GPAs used in the evaluation process are calculated in accordance with the Arizona Board of Regents competency requirements, pursuant to ABOR Policy 2-121 Undergraduate Admission [1] (PDF).

The Barrett admission application and additional information about the college and its activities are available at the Barrett website.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU’s policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [2].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [3] website.

Undergraduate policies

Advising

Barrett students have advisors in their major, an assigned Barrett Honors Advisor [4], and Faculty Honors Advisors in departments throughout the university. Students are encouraged to stay in regular contact with all these resources, and they are required to complete advising sessions with their Barrett Honors Advisor during the first, second and third year of study. To schedule an appointment with a Barrett Honors Advisor, students use the link in the Academic Support Team box on My ASU.

Students can review honors opportunities in majors through the Faculty Honors Advisors [5] page. There are also special pre-professional advising opportunities [6] for Barrett students. Students can email barrettadvising@asu.edu for more information.

Degree requirements

Barrett academic course requirements

Honors students must maintain high standards of academic performance and show progress toward completion of graduation requirements in their disciplinary majors and in Barrett.

To graduate from Barrett, students entering the college as lower-division students must complete the following, which includes 36 credit hours of honors coursework:

1. HON 171: The Human Event and HON 272: The Human Event are expected to be completed in sequence during a student's first two semesters in the college.
2. Thirty additional credit hours of honors coursework must be earned with a letter grade of "C" (2.00) or higher. This may include HON prefix classes, honors sections of classes, honors enrichment contracts, internship and research credit, honors study abroad programs and graduate-level coursework.
3. Included in the 36 credit hours of honors coursework are at least 18 hours of upper-division or graduate-level honors credit hours for an earned letter grade of “C” (2.00) or higher. Students should investigate specialized honors, upper-division tracks within their majors.
4. Students are required to complete an honors thesis project, for which they earn a maximum of six credit hours. These credit hours are included in the 18 required hours of upper-division honors coursework. The honors thesis is launched with a prospectus that is due one academic semester before the defense. Before enrolling for credit for a thesis work, students must complete a required preparatory workshop or course. The final copy of the honors thesis must be filed by the posted deadline during the student’s graduation semester.
5. ASU graduation requirements for an academic major must be met.
6. Students must earn a cumulative GPA of 3.25 or higher by graduation.

Barrett course requirements may be met in a variety of ways. Only courses in which a student receives a grade of “C” (2.00) or higher may be used to meet Barrett requirements.

Those entering the college as lower-division students may take as many as 18 lower-division honors credit hours, which include HON 171: The Human Event and HON 272: The Human Event, and at least 18 upper-division credit hours (total honors credit hours must be 36). HON 171 and HON 272 are transdisciplinary seminars that acquaint students with ideas that form the foundation of a university education and emphasize critical thinking, discussion and writing.

Those who enter as upper-division students must take 21 upper-division honors credit hours, including HON 370: The History of Ideas taught by an honors faculty fellow, 18 credit hours of upper-division honors coursework, and an honors thesis. Upper-division transfer students are required to complete 21 credit hours of upper-division honors coursework.

Those who enter as Barrett Online students must take 21 upper-division honors credit hours, including HON 370: The History of Ideas taught by an honors faculty fellow, 18 credit hours of honors coursework, and an honors thesis. Lower- and upper-division credit hours may apply toward the 18 credit hours of honors coursework through oCourses.

Departmental honors-only courses are limited to honors students. Compared with their nonhonors equivalents, these courses are designed to offer a richer, more complex intellectual experience appropriate to the discipline and the level of the course for all students enrolled. Other disciplinary honors courses group honors students in small cohorts to work on research projects of common interest or offer mixed classes of honors and nonhonors students with specific honors opportunities.

Honors enrichment contracts [7] are available in many departmental courses. These allow honors students to contract with the instructors of designated nonhonors courses to earn honors credit by pursuing enrichment activities, which include supplemental sessions with the instructor. Honors enrichment contracts are filed during the first weeks of the session and are to be completed during the semester in which the course is offered. The enrichment contract form offers guidelines to aid students and faculty in developing appropriate contracts. Contract work is due on the last day of the session unless otherwise indicated by the supervising faculty member.

Courses reserved for students in Barrett and that always count for honors credit are those listed in the online ASU Class Search and Course Catalog [8] as course numbers 492 Honors Directed Study, 493 Honors Thesis, and 497 Honors Colloquium; all classes with the HON prefix; and those with a departmental prefix or course note that carries the honors designation. Barrett recognizes internships, research, teaching assistant courses and 500-level graduate courses for honors credit. The honors courses [9] webpage provides guidance on honors courses.

Departmental courses numbered 492 and 493 are reserved for honors students completing their honors thesis. A student may enroll in these courses with approval from the sponsoring academic department and the faculty member who serves

as the student’s thesis project director. Passing credit in 492 and 493 courses counts as upper-division honors credit for Barrett students.

Source URL: https://catalog.asu.edu/policies/barrett

Links:
[1] https://public.powerdms.com/ABOR/documents/1491561
[2] https://public.powerdms.com/ASU/documents/1541854
[3] https://www.asu.edu/reportit/
[4] https://students.barretthonors.asu.edu/academics/advising-directory
[5] https://students.barretthonors.asu.edu/faculty/faculty-honors-advisors
[6] https://students.barretthonors.asu.edu/enhance-your-experience/pre-professional-resources
[7] https://students.barretthonors.asu.edu/academics/honors-enrichment-contracts
[8] https://catalog.apps.asu.edu/catalog/classes
[9] https://students.barretthonors.asu.edu/academics/honors-courses

College of Integrative Sciences and Arts policies

The College of Integrative Sciences and Arts stands out for its focus on applied degrees and career-connected learning, designed to meet industry needs and prepare students for today's evolving marketplace. Through its three schools, the School of Applied Professional Studies, the School of Applied Sciences and Arts, and the School of Counseling and Counseling Psychology, CISA offers programs that integrate the sciences, humanities and arts. With a strong presence at ASU's Polytechnic, Tempe and Downtown Phoenix campuses and online, CISA advances ASU's mission by fostering hands-on learning and practical applications, helping students succeed locally, nationally and globally.

Academic integrity

Academic honesty is expected of all students in all examinations, papers, projects, partnerships, internships, academic transactions and records. Possible sanctions include appropriate grade penalties, loss of registration privileges and disqualification. The College of Integrative Sciences and Arts adheres strictly to the ASU academic integrity policy [1], and all concerns related to academic integrity must be reported to the college's academic integrity officer.

For more information on academic integrity or to report a concern, students should visit the college's student academic integrity website [2].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [3].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, Students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [4] website.

Undergraduate policies

Academic standing

To be considered in academic good standing in the College of Integrative Sciences and Arts, students must achieve a cumulative GPA of 2.00 or higher. All College of Integrative Sciences and Arts students who are not in good standing are required to complete the CISA Rising Scholars Online Workshop. This workshop provides additional information on academic standing status and helps students explore strategies to return to good standing.

Academic warning

Students who do not achieve a 2.00 GPA at the completion of their first term of study are placed on academic warning. Upon the completion of a second term, students who achieve a cumulative GPA of 2.00 or higher are placed in university good standing. Students who do not achieve a cumulative GPA of 2.00 or higher after the completion of a second term are placed on university academic probation.

Probation

Students who do not achieve a 2.00 GPA are placed on university academic probation and must meet with an academic success advisor to discuss academic success strategies. Students on academic probation are required to enroll in UNI 220: Mindset Connections. UNI 220 appears on these students' DARS as a graduation requirement.

Within one semester, a student on academic probation must do either of the following:

- Achieve a cumulative ASU GPA of 2.00 or higher to return to academic good standing.
- Obtain a semester GPA of 2.00 or higher to be continued on probation. Students on continued academic probation may continue for as many semesters as needed to achieve academic good standing.

Disqualification

Students who fail to meet the criteria for continued probation may be disqualified from ASU. Students who have been disqualified may attend summer sessions but not fall or spring sessions.

Once readmitted, the student is placed on academic probation for at least one semester. Students on probation have one semester to raise their cumulative or semester GPA to meet ASU academic good standing (2.00). Failure to do so results in disqualification from the university.

Academic policy appeals

Academic appeals regarding college policies or other variances or exceptions should be discussed with the student's academic success advisor, and students may be required to submit a College of Integrative Sciences and Arts Standards Committee petition [5]. Some petitions may require a secondary review by the ASU University Undergraduate Standards Committee.

Medical/compassionate withdrawal

A medical or compassionate withdrawal request may be made in extraordinary cases in which serious illness or injury (medical) or another extraordinary personal situation, such as a death in the family (compassionate), prevents a student from continuing their classes, and "I" (incomplete) grades or other arrangements with the instructors are not possible. Students should review the College of Integrative Sciences and Arts medical/compassionate withdrawal [6] requirements and procedures for more information.

Academic advising

All students are encouraged to seek advising from their academic success advisor [7] before registration. Students must review their Degree Audit Report, major map or curriculum checksheet, and the academic calendar [8] each semester for information and deadlines pertaining to enrollment, including course adds, drops and withdrawals.
The ASU academic catalog is the governing source for all degree requirements. Students are expected to read the requirements for university general studies, college graduation and major degree requirements.

Mandatory advising

The following students in the College of Integrative Sciences and Arts must receive advising clearance before course registration:

- new students in their first semester of attendance
- readmitted students in their first returning semester
- students on academic probation or continued probation
- students who have been disqualified

Students are encouraged to check their advising status requirements on My ASU [9] each semester before attempting any registration transactions.

Credit and registration

Students enrolling in courses offered by the College of Integrative Sciences and Arts are expected to follow the rules and deadlines specified in this catalog and the current registration and tuition payment guide. Students are encouraged to meet with their academic success advisor before registration.

Course load

Students may enroll in a maximum of 18 credit hours per fall or spring semester, with a maximum of nine credits taken in session A or session B. Students may enroll in a maximum of 14 credit hours for a summer session, with no more than

seven credits in session A or session B. Students may enroll in a maximum of nine credit hours for the summer session C (eight weeks).

Any student who wishes to enroll in more than 18 credit hours in the fall or spring (or 14 in summer) or more than nine credit hours in an A or B session (or seven hours in summer) should first meet with their academic success advisor to discuss a course overload request. Some overload requests may require College of Integrative Sciences and Arts standards petition approval.

The ASU catalog has further details on credit hour limits [10]. Students should refer to the CISA petitioning process [5] before submitting a standards petition.

Repeat and replace policy

Students who wish to repeat courses and possibly replace prior course grades must follow SSM 203-06, the repeat and replace policy [11] in the University Student Services Manual [12], regarding the number of credit hours that can be repeated and the types of courses that are eligible for a grade replacement.

Students who wish to repeat a course for a third time must petition the College of Integrative Sciences and Arts Standards Committee.

Pass/fail grade options

A "P" grading option is used to indicate a passing grade of "D" or higher in a class when an individual student receives permission from both the class instructor and their college or school. When a student earns a "P" grade, they earn credit hours, but the grade is not used for computing GPA. If requirements for the "P" grade are not met, a failing "E" grade is applied. The "E" grade is calculated in GPA. The "P" grade does not meet requirements for course or program progression in which a "C" or better is required.

The pass/fail grade option may be used under the following conditions:

- The pass/fail option is available for the specific course.
- Approval has been granted by the instructor and the college offering the course before the start of class.
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the add period.
- A maximum of 12 credit hours taken for pass/fail may be counted toward graduation.

College of Integrative Sciences and Arts students may not enroll under the pass/fail option for the following:

- courses that meet first-year composition requirements
- major, minor, concentration area or certificate program required courses
- honors credit courses
- courses that meet language proficiency requirements
- courses that meet general studies requirements

Satisfactory ("Y") grade option

The "Y" grade is generally used for successfully completed internships, projects, reading and conference, research, seminars, theses, dissertations and workshops. Students earn credit hours for a "Y" grade, but the grade is not used for computing GPA. If requirements for the "Y" grade are not met, a failing "E" grade is applied. The failing grade of "E" is calculated into GPA. The "Y" grade may meet requirements for which a "C" or better is required. However, some exceptions may be made. For more information about the "Y" grade option, students should contact their academic advisor.

The "Y" grade option may be used only under the following conditions:

- The "Y" grading option is available for the specific course.
- Approval has been granted by the instructor and the college offering the course.
- The "Y" grading option was chosen during initial registration for the course.

Grade appeals

Students enrolled in a course within the College of Integrative Sciences and Arts who believe they have been unfairly or improperly graded can seek fair treatment and consideration through the grade appeal process outlined below. Grade grievances must be initiated within the regular semester immediately following the course in question, regardless of whether the student is currently enrolled at the university.

Grade appeals are only applicable to the final course grade, not to individual assignments or exams. Appeals can only be requested at the end of the semester and may proceed for one of the following three reasons:

1. There was an error in calculating the final grade (arithmetic error).
2. The criteria for determining the final grade were changed from those stated in the syllabus (e.g., four quizzes were given instead of five).
3. The evaluation system was not applied consistently and fairly to all students.

For more information on grade appeals for CISA students, please visit the college's grade appeal website [13].

Degree requirements

All candidates for graduation with a bachelor's degree are required to complete at least 120 credit hours, of which at least 45 hours must be upper-division courses. A minimum ASU cumulative GPA of 2.00 is required for graduation. All new College of Integrative Sciences and Arts first-year students are required to enroll in an ASU 101 course during their first ASU semester.

Associate degrees

Students in the Associate of Arts programs should refer to their major map or curriculum checksheet and the university associate degree graduation requirements policy [14] for minimum credit hour, GPA and other degree requirements

Minors

The college offers minors in many of its disciplines. All minors must entail a minimum of 15 credit hours in the discipline, and at least 12 of those hours must be upper-division courses.

- Six of the upper-division credit hours must be taken from courses offered by the College of Integrative Sciences and Arts.
- Students may not use courses in their minors for major core requirements, and, similarly, students may not use courses in their major core requirements to fulfill the requirements of their minors. Students should see an academic success advisor for more details.
- Some disciplines are too close in content for a student to choose a particular combination of minor and major.

Concurrent degrees

The College of Integrative Sciences and Arts allows undergraduate students to request approval to pursue a concurrent degree through the university approval process [15]. Students must have completed at least 30 graded credit hours with a minimum GPA of 2.00. Concurrent degrees may not be from the same discipline or have overlap in the courses required for each major. Students must earn at least 30 distinct credit hours for each degree.

To request a concurrent degree, students must meet with an academic success advisor in each degree program as part of the approval process.

Readmission

Students who have been disqualified from ASU may be readmitted to the College of Integrative Sciences and Arts for a fall or spring semester if they do either of the following:

- Achieve a cumulative ASU GPA of 2.00 by taking ASU summer session courses.
- Complete 12 or more transferable credit hours at a community college or university with no grade lower than a "C" and a GPA of 2.50 or higher. Courses in which the student failed or received a "D" at ASU should not be repeated at another institution.

Once readmitted, the student may be placed on academic probation for at least one semester. Students on probation have one semester to raise their cumulative or semester GPA to meet the required 2.00 GPA to remain at ASU. Failure to do so results in disqualification from the university.

Graduate policies

Students should review the ASU Graduate College policy manual [16].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those established by the Graduate College and the College of Integrative Sciences and Arts.

Source URL: https://catalog.asu.edu/policies/sls

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://cisa.asu.edu/academic-resources/integrity
[3] https://public.powerdms.com/ASU/documents/1541854
[4] https://www.asu.edu/reportit/
[5] https://cisa.asu.edu/standards_petitions
[6] https://cisa.asu.edu/medicalcompassionate-withdrawal-instructions
[7] https://cisa.asu.edu/advising
[8] https://registrar.asu.edu/academic-calendar
[9] https://webapp4.asu.edu/myasu/
[10] https://catalog.asu.edu/course_load
[11] https://public.powerdms.com/ASU/documents/1560528
[12] https://policy.asu.edu/
[13] https://cisa.asu.edu/academic-resources/grade-appeals
[14] https://catalog.asu.edu/associatereq
[15] https://students.asu.edu/concurrent-degrees
[16] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

New College of Interdisciplinary Arts and Sciences policies

The New College of Interdisciplinary Arts and Sciences [1] offers interdisciplinary programs built upon the foundation of disciplines such as English, history, philosophy, psychology, forensic psychology, social justice and human rights, sociology, communication, mathematics, biology and statistics. Through distinct combinations and innovative partnerships, the college offers many diverse degrees, among them forensic science, Latin American studies, interdisciplinary arts and performance, conflict resolution and political science.

New College degrees provide students with future-focused skills, enabling them to contribute meaningfully to solving the most critical and complex challenges of today and tomorrow. Students are prepared to steward sustainable societies that incorporate ethics and a respect for human rights, a regard for the environment, and an appreciation of culture and language, while at the forefront of innovation in science and technology.

Academic integrity

The New College of Interdisciplinary Arts and Sciences adheres to ASU's student academic integrity policy [2]. At Arizona State University, academic honesty is expected of all students in all examinations, papers, assignments, academic transactions and records. New College students should also review New College academic integrity procedures and resources [3].

Graduate students should also consult the ASU Graduate College academic integrity policy [4].

Academic dishonesty investigation and procedures

Anyone with a good-faith basis for believing that a student has engaged in academic dishonesty may report the alleged violation to the instructor or academic integrity officer for the college or school in which the academic dishonesty occurred.

- If the instructor or academic integrity officer concludes that there is a sufficient basis to believe that the student engaged in academic dishonesty, the instructor or the academic integrity officer notifies the student of the alleged violation and initiates the investigative process.
- Before concluding the investigation, the instructor or academic integrity officer provides the student with a summary of the information gathered. The student has five business days after the notice is sent to respond to the allegation.
- At any point in the process, the student can contact the academic integrity officer to seek consultation or clarification.
- The student may be accompanied by an advisor at any point in the process. The advisor is not permitted to participate directly or speak for the student.
- Once the investigation is complete, in consultation with the academic integrity officer, the instructor recommends a sanction. The student is notified of the result of the investigation and of any sanction to be imposed.

Sanctions and appeal

The following sanctions may be imposed for academic dishonesty:

- a grade of "XE" [5]
- expulsion from the university without expectation of readmission
- other sanctions as consistent with this policy and the Student Code of Conduct [6]
- reduced or failing grade for the academic evaluation
- reduced or failing grade for the course
- suspension from the university for a specific period
- withdrawal of credit for a previously accepted course or requirement

At any time, the student and the instructor may agree on the sanction and inform the academic integrity officer.

A student alleged to have violated the academic integrity policy has the following rights:

- The student is notified of their right to appeal. The student must file their appeal no later than 10 business days after the date the notification is sent. If the student does not file a timely appeal, the sanction is final.
- A student's appeal of an allegation of an academic integrity violation or recommended sanction must be submitted in writing and include the following:
    - a description of the alleged academic dishonesty, including a factual narrative of events, the dates and times of occurrences, and any other reason that the sanction should not be imposed
    - the names of persons who have information about relevant circumstances or events
    - the general nature and description of all evidence
- If the student files an appeal, the student must meet with the academic integrity officer to discuss hearing procedures. The academic integrity officer helps the student navigate the process and provides additional information when needed.
- If the student wishes to dispute any aspect of the allegation or sanction, the student may file an appeal. If the student files a timely appeal, the sanction is not final until the appeal is resolved. If the student files an appeal at the end of a semester, or during the last semester of enrollment, the course grade or degree may be withheld until the matter is resolved. If a grade or degree is withheld for any period, the academic integrity officer or dean must notify the registrar's office.

Student Affairs and Grievances Committee hearing

The academic integrity officer forwards a student's timely appeal to the instructor.

Prehearing proceedings

The academic integrity officer sends a notice of hearing to the student, instructor and the New College Student Affairs and Grievances Committee (termed "college/school board" on the Office of the University Provost website). The notice includes the following information:

- the time and place of the hearing before the Student Affairs and Grievances Committee (Unless the parties and academic integrity officer agree otherwise, the hearing takes place during the regular fall or spring semester.)
- a copy of this policy or instructions on how to access the policy electronically
- the requirement that the parties provide to the academic integrity officer a written list of witnesses and a description of any documents or other evidence they intend to use at the hearing (Unless the chairperson provides otherwise, this information must be exchanged at least five business days before the hearing.)
- the length of time set for the hearing, the time limitation for the presentation of evidence and any other procedural requirements

Conduct of the hearing

To preserve the confidential nature of the disciplinary process and to protect the privacy of those involved, the hearing is closed to the public.

The chairperson of the Student Affairs and Grievances Committee presides at the hearing and rules upon all procedural matters. The formal rules of evidence do not apply, although objections to the introduction of specific statements or documents may be considered by the chairperson. Irrelevant, immaterial, privileged or unduly repetitious information is excluded.

The instructor has the burden of showing that it is more likely than not that the student engaged in academic dishonesty. The instructor must also explain the reason for the sanction. If the student accepts responsibility for academic dishonesty, then the Student Affairs and Grievances Committee may focus the hearing on the appropriate sanction.

Information regarding prior violations or informal resolutions of previous allegations may not be used as proof of a current violation but may be admitted for other purposes, such as to show that the student had prior experience relevant to the allegations or to show that the student had been informed previously that the conduct was unacceptable. The Student Affairs and Grievances Committee may also consider information regarding prior violations in determining an appropriate sanction.

A student who fails to appear or refuses to participate at the hearing is deemed to have abandoned the appeal unless the student can demonstrate that extraordinary circumstances prevented appearance or participation.

The student and instructor may each have an advisor present, but the advisors are not permitted to address the Student Affairs and Grievances Committee directly, except as the chairperson deems necessary or appropriate.

Except as otherwise permitted by the Student Affairs and Grievances Committee, witnesses are excluded from the hearing except during their own testimony. The chairperson may remove a party, advisor or witness from the hearing if that person's conduct is disruptive.

When necessitated by fairness or extraordinary circumstances, the Student Affairs and Grievances Committee may permit the parties to make arrangements for recorded, written or telephonic testimony from their witnesses for use in the proceeding.

The instructor proceeds first at each stage of the presentation.

- Each party may present an opening statement that summarizes the information expected to be presented.
- Each party calls a witness or witnesses to provide statements under oath.
- At the conclusion of each witness's statement, they may be questioned by the other party.
- The committee may ask further questions of each witness.
- Each party may present a closing statement, which summarizes the information that was presented.

If the alleged academic dishonesty involves the work of multiple students, the Student Affairs and Grievances Committee may modify these procedures to address the circumstances. The college Student Affairs and Grievances Committee should provide prior written notice of any modification of the procedures to all parties. Each student must file his or her own appeal. A student who has not filed an appeal should not expect to benefit from another student's appeal.

College board deliberations and recommendations

Following the presentation of information and closing statements, the Student Affairs and Grievances Committee discusses the information presented and the reasonable inferences to be drawn from it. Only the committee, its legal advisor, if any, and the academic integrity officer may be present during the deliberations. Neither the student nor the instructor may be present during the deliberations.

Based solely upon the information presented, the Student Affairs and Grievances Committee formulates a recommendation to the dean as to whether the student has more likely than not engaged in academic dishonesty, and the appropriate sanction. Recommendations must be supported by a simple majority of the Student Affairs and Grievances Committee.

The Student Affairs and Grievances Committee prepares and sends a written recommendation to the dean within five business days of the hearing. The written recommendation includes findings of fact and a statement of the reasons for the recommendation, and it is signed by the Student Affairs and Grievances Committee chair. If the recommendation is not unanimous, dissenting opinions should be reflected in the recommendation.

Review and decision by the dean

After reviewing the Student Affairs and Grievances Committee's recommendation, the dean renders a written decision that affirms, denies or accepts the committee's recommendation with modifications.

The dean may not make new findings adverse to the student or increase the severity of a sanction unless:

- The dean provides the student notice and an opportunity to respond to the new findings or sanction.
- The dean remands the matter to the Student Affairs and Grievances Committee for further proceedings.

The dean (or dean's designee) provides written notice of the decision to the student, the academic integrity officer, the instructor and the Student Affairs and Grievances Committee within 20 business days following receipt of the Student Affairs and Grievances Committee's recommendation. A delay may occur if it becomes necessary to conduct further

investigation or to remand the matter to the Student Affairs and Grievances Committee. In those cases, the written decision is transmitted no later than 20 business days following completion of the investigation or the Student Affairs and Grievances Committee's subsequent recommendation.

The dean's decision is final and may not be further appealed unless the dean recommends that the provost suspend or expel the student from the university.

If the dean recommends the suspension or expulsion of an international student, both the student and academic integrity officer should consult with the ASU International Students and Scholars Center [7].

If the dean recommends that the provost suspend or expel the student from the university, the letter from the dean states that the student may appeal the recommendation by filing a written request for review with the provost within 10 business days of the date of the letter.

If the student does not appeal in a timely manner, the provost or designee reviews the dean's recommendation and issues a final decision on suspensions or expulsions from the university.

Review and decision of a suspension or expulsion from the university

A student may seek to have a dean's decision reviewed by the University Academic Integrity Hearing Board only if the dean recommends that the provost suspend or expel the student from the university. However, a student who has failed to appeal or has abandoned the appeal at the Student Affairs and Grievances Committee hearing may not appeal to the University Academic Integrity Hearing Board.

The appeal must be in writing and must be filed with the provost within 10 business days of the date of the dean's decision letter.

The provost or designee appoints and charges a University Academic Integrity Hearing Board to conduct the hearing. The board comprises three members; one member must be a student, and one of the other members acts as chairperson. The hearing follows the procedures set forth in the Student Code of Conduct procedures [8] (PDF), except that the college or school takes the role of the dean of students, and the provost or designee takes the role of the senior vice president for Educational Outreach and Student Services.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU’s policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [9].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [10] website.

Undergraduate policies

Academic standing

New College students must achieve a cumulative GPA of 2.00 to be considered in good academic standing at ASU. Students with a semester or cumulative GPA lower than 2.00 are placed on academic probation and are required to meet with an advisor to effectively plan academic progress toward graduation. Further information is available at the university retention and academic standards policy [11].

Advising

All students in the New College of Interdisciplinary Arts and Sciences are expected to meet with their academic advisors [12] regularly, especially before course enrollment each semester.

To ensure that students are making timely progress toward degree completion, advising may be required for the following:

- newly admitted students
- first-year students
- students on academic probation
- students off track for eAdvisor tracking requirements

For eAdvisor tracking and other general academic program information, students should reference eAdvisor [13], their program major map or their curriculum checksheet.

Credit and registration

Audit grade option

Students may choose to audit a course, allowing them to attend classes but not earn credit. Students must obtain instructor approval before enrollment. This grade option may not be changed after the add period.

The audit option [14] may be used under the following conditions:

- The audit grade option is available for the specific course.
- Approval has been granted from the instructor and college offering the course.
- The audit option is chosen during initial registration for the course.

Course load

Students are limited to a maximum of 18 credit hours per term. Enrollment in additional credit hours requires completion of a credit overload petition form [15] and approval from the college academic advisor.

Course prerequisites

Course prerequisites are established to ensure student success in a course. Students must complete all course prerequisites before enrolling in the desired course. Prerequisite overrides may be granted under the following conditions:

- A transfer course has been accepted to fulfill a course prerequisite.
- A prerequisite override has been granted by an advisor.

Grade of incomplete

Students are responsible for contacting their course instructors regarding the process of requesting and fulfilling requests for an incomplete. The grade of "I" (incomplete) [14] can only be given by an instructor when a student who is doing otherwise acceptable work is unable to complete a course (e.g., final exam or term paper) because of illness or other conditions beyond the student's control; it is also subject to unit director approval. The student must submit a request to the instructor to be considered for a grade of "I." A completed request must have the incomplete grade request form [16] and include a justification, a listing of requirements that have not been fulfilled and a proposed schedule of completion. The instructor reviews the request and determines whether to accept or deny the request. The instructor may propose modifications when submitting a copy of the accepted request to the appropriate office.

An "I" in any course that is a prerequisite for sequential courses automatically denies the student enrollment in subsequent courses and could result in the student being administratively dropped from a subsequent course if the student has already enrolled.

The student has a maximum of one calendar year from the date the grade of "I" is recorded to complete the course, but faculty can place lesser time limitations at their discretion. A student does not re-register or pay fees for a course for which an "I" has been received in order to complete the course. When the course is completed, the instructor must submit an

online grade change request. If the course is not completed within one calendar year, the grade of "I" in an undergraduate course is automatically changed to a failing grade "E."

Pass/fail grade option

The "P" grading option is used to indicate a passing grade in a class when an individual student receives permission from both the class instructor and their college or school. If the student earns a "P" grade, they earn credit hours, but the grade is not used for computing the GPA. If requirements for the "P" grade are not met, an "E" grade (failing) is applied. The "E" is calculated into the GPA. The "P" grade does not meet requirements for course or program progression where a "C" or higher is required.

A "P" grade should only be assigned when an individual student receives permission to take a course as pass/fail. Permission is recorded on the pass/fail enrollment form. If the course only awards pass/fail grades, the "Y" grade should be used to indicate successful completion of the course (see satisfactory "Y" grade option below).

To request the pass/fail grade option on a course, New College students can submit the pass/fail enrollment application form [17] to their academic advisor. Permission is considered only under the following conditions:

1. The pass/fail grade option is available for the specific course.
2. Enrollment for the pass/fail option has been approved by both the instructor and the college offering the course.
3. Enrollment for the pass/fail option was indicated during registration.

The pass/fail option may not be changed after the add period.

New College students may not enroll under the pass/fail option in the following courses:

- those taken to satisfy first-year composition requirements
- those taken for the student's major, minor or certificate program
- those counted toward satisfying ASU general studies requirements
- those counted toward satisfying New College proficiency requirements
- those requested after the start date of the class

For further information about this ASU grading option or to determine how a "P" or "Y" grade transfers from another institution, students should contact their advisor.

Satisfactory ("Y") grade option

Unlike the "P" grade option, which can be requested by students, the "Y" grade is standard for some courses. The "Y" grade is generally used for successfully completed internships, projects, readings and conference, research, seminars, theses, dissertations and workshops. Students earn credit hours for a "Y" grade, but the grade is not used for computing the GPA. If requirements for the "Y" grade are not met, a failing grade ("E") is applied. The "E" grade is calculated into the GPA. The "Y" grade may be acceptable in cases in which a "C" or higher is required, however, there may be some exceptions. For more information about the "Y" grade option, students should contact their academic advisor.

Academic (grade) grievance policy

Any student seeking to appeal a grade must take the steps listed below. This process does not address academic integrity allegations or faculty misconduct.

Student grade appeals must be processed before the end of the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring), regardless of whether the student is enrolled at the university.

Typically, final course grade appeals are only considered when one or more of the following criteria are met. Appeals requested for areas outside these parameters are not eligible for formal hearings and are not heard.

- There was an error in calculating the final course grade.
- The criteria for determining the final course grade were changed from those specified in the syllabus.
- The evaluation system was not consistently and fairly applied to all students.

The grade grievance process has two stages: the informal process and the formal process. Each process consists of a series of steps.

Informal process

Step 1: An aggrieved student must first confer with the instructor; the student must state the reasons for questioning that the grade received was given in good faith. The instructor must review the matter, explain the grading procedure used, and explain how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course.

Step 2: If the grading dispute is not resolved in step 1, the student may appeal to the school academic director or designee within the school offering the course. The school director or designee may confer with the instructor to handle the problem. In most instances, the grievance procedure can be resolved with steps 1 or 2 and does not go beyond this level.

Step 3: If the matter is not resolved to the student's satisfaction after completing steps 1 and 2, the student may then confer with the dean's designee (at 602-543-7000), who reviews the case and explains the formal process to the student. If the matter is still unresolved, the student may proceed to the formal process.

Formal process

Step 4: No later than 10 business days after meeting with the dean's designee, the student must provide a written statement noting the evidence, if any, and describing the reasons for determining that the grade received was not given in good faith. Supporting materials should be attached as exhibits to the statement.

Step 5: The dean's designee provides the student's statement (with any exhibits) to the instructor and requests that the instructor respond to the dean's designee within 10 business days.

Step 6: When the official, written response is received from the instructor, the dean's designee contacts the student, who can then schedule an appointment to review the instructor's response. After reviewing the instructor's response, the student may submit a written request for a hearing before the New College of Interdisciplinary Arts and Sciences Student Affairs and Grievances Committee. This written request for a hearing must be submitted no later than 10 business days after the dean's designee notifies the student that the instructor's response was received. The committee is a regular committee and meets monthly, as necessary, during the fall and spring terms when classes are in session. The dean's designee serves as a nonvoting, ex officio member of the committee.

Step 7: The committee meets with the student and the instructor in an attempt to resolve differences. To preserve the confidential nature of the grade grievance process and to protect the privacy interest of those involved, the hearing is closed to the public. The committee chairperson presides at the hearing and rules upon all procedural matters. A student who fails to appear or refuses to participate at the hearing is deemed to have abandoned the request for a hearing, unless the student can demonstrate that extraordinary circumstances prevented the appearance or participation.

Step 8: After all parties have been heard, they are excused, and the committee deliberates in closed session. Upon reaching consensus, the committee chairperson submits their recommendation to the dean of the New College of Interdisciplinary Arts and Sciences. The dean reviews the report and makes a final determination regarding the appropriate course of action. The dean's office informs the student, instructor, school director, registrar and Student Affairs and Grievances Committee in writing of the decision. The dean's decision is final.

It is university policy that students filing grievances and those who are witnesses be protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean's office in the New College of Interdisciplinary Arts and Sciences.

Transfer coursework

Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. Courses for which a grade lower than "C-" (2.00) has been earned

do not transfer to ASU. A maximum of 64 semester hours of credit are accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college, with the exception of some special programs. For a listing of the acceptable courses transferable to the various degree programs, prospective Arizona transfer students should consult their advisors and refer to the ASU transfer tools [18].

Some courses taken at other ASU colleges or other universities may be acceptable for general university credit but may not be applicable toward the degree requirements of the college. Determination of those particular courses applicable to a specific degree program is made within the appropriate academic unit.

Withdrawal

Complete session withdrawal information

Because a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, undergraduate students are encouraged to connect with their academic advisor to facilitate the withdrawal process.

Students must complete the following steps in the order shown here:

1. Review the academic calendar [19] for complete session withdrawal and tuition refund deadlines.
2. Log in to My ASU [20].
3. Under My Classes, select Registration followed by Drop/Withdrawal.
4. Indicate all the classes and sessions for the withdrawal, answer the required questions, and select Submit Withdrawal Request.
5. The request is reviewed, and the academic advisor may contact the student for further discussion. If approved, the complete session withdrawal request is sent to University Registrar Services for processing.

Before requesting a complete session withdrawal, the student is encouraged to discuss a potential complete session withdrawal with an academic advisor. To schedule an appointment, students should call 602-543-3000. ASU has many resources in place to help students. Students may want to consider one or more of the following:

- Withdraw from one or some classes in a session, not all (course withdrawal). Students may withdraw from one or some of the classes in a session while remaining enrolled in other classes as long as the withdrawal is completed by the university course withdrawal deadline. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements. Students are also encouraged to contact a financial aid team member to consider any impact that withdrawing will have on scholarships, grants and loan packages.
- Request a medical or compassionate withdrawal. A medical or compassionate withdrawal request [21] may be made in extraordinary cases in which serious illness or injury (medical) or another extraordinary personal situation, such as a death in the family (compassionate), prevents a student from continuing their classes, and "I" (incomplete) grades or other arrangements with the instructors are not possible. Students should review the specific New College medical and compassionate withdrawal requirements and procedures [22] for more information.
- Seek tutoring or academic support services. The university Academic Support Network [23] provides a variety of services to help students become better learners and gain the confidence and skills they need to achieve their academic goals. Services include writing centers, math tutoring, subject area tutoring and supplemental instruction.
- Make an appointment with ASU's Counseling Services. Counseling and mental health services are provided at each of the four ASU campuses. ASU students may seek services at any of the campus counseling centers [24], regardless of their college affiliation.
- Explore the possibility of an "I" (incomplete) grade.

Possible consequences of a complete session withdrawal:

- Financial aid: Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal from financial aid depends on the date of the withdrawal and the type of financial aid. Students should review the maintaining financial aid [25] procedures for more information.

- Tuition and refunds: By registering for classes, students agree to pay all applicable tuition and registration fees. Students are required to pay all tuition and fees for any registered course unless enrollment is officially cancelled during the 100% refund period. For more information, students should review the ASU tuition refund policy [26].
- Health insurance: Students should contact their health insurance company to determine whether withdrawing from the university affects their coverage.
- University housing: Students who live on campus should contact their residential hall community staff to determine what impact withdrawing will have on their eligibility to live on campus, complete a license agreement release form [27] and arrange an appointment to officially check out.
- Veterans benefits and certifications: Students should contact the appropriate veterans benefits and certifications office to discuss information regarding veterans educational benefits and military activation. For more information, students should send an email to w.westvso@asu.edu or visit the Pat Tillman Veterans Center [28] website.

Procedures for general university withdrawal can be found at the University Registrar Services registration [29] website.

Degree requirements

All candidates for graduation in the Bachelor of Arts, Bachelor of Science and Bachelor of Applied Science curricula are required to present at least 120 credit hours, of which at least 45 credit hours must consist of upper-division coursework. A minimum cumulative GPA of 2.00 is required for graduation. New College students in a BA or BS degree program must fulfill a college residency requirement of a minimum of 12 credit hours of major-specific upper-division (300- and 400-level) coursework offered by New College.

It is the student's responsibility to be aware of the degree program requirements and to select courses accordingly.

To graduate, a student must satisfy the following requirements:

1. NEW 101 or equivalent (first-year students)
2. IAS 300 (transfer students)
3. New College global and civic engagement requirement (General Studies Gold) or New College language and cultures requirement (General Studies Maroon)
4. New College mathematics proficiency requirement
5. university first-year composition [30] and general studies [31] requirements
6. major requirements that involve concentrated coursework in one program
7. successful completion of critical-tracking courses as required on the student's major map

Information on critical tracking and eAdvisor tools, such as the major map or curriculum checksheet, is available at the eAdvisor website [32].

New College students in the BAS program are not subject to college-specific first-year, transfer, residency or proficiency requirements. BAS students are subject to all university graduation requirements.

Proficiency requirements

All New College students in a BA or BS degree program are required to demonstrate proficiency in either global and civic engagement (General Studies Gold) or the analysis of language and cultures (General Studies Maroon) as well as mathematics (both) by passing an examination or by completing the courses specified below with a grade of "C" or higher in each course.

New College global and civic engagement requirement (General Studies Gold)

This requirement may be satisfied through one of the following:

- completion of six credit hours of upper-division courses that have a global communities, societies and individuals (GCSI) or governance and civic engagement (CIVI) designation in addition to the courses used to meet the university general studies requirements
- completion of three credit hours from an ASU-approved global education program (e.g., faculty-directed study abroad, Global Intensive Experience, exchange programs)

New College language and cultures requirement (General Studies Maroon)

This requirement may be satisfied through one of the following:

- completion of secondary education at a school in which the language of instruction is not English
- completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country
- completion of six credit hours of upper-division courses that have a global awareness designation (G) or cultural diversity in the U.S. designation (C), in addition to the courses used to meet the university general studies requirements
- completion of two sequential semesters of coursework in a current computer language

Students may obtain information about applicable coursework through the college advising office.

New College mathematics proficiency requirement

All New College students in a BA or BS degree program are required to complete a general studies course designated as mathematics (MA in General Studies Maroon; MATH in General Studies Gold) with a "C" or higher. MAT 114: College Mathematics or MAT 117: College Algebra with a "C" or higher fulfills this college requirement. Some majors may require a higher-level mathematics course.

Major requirements

Each student is required to select a major from among the programs offered by the New College of Interdisciplinary Arts and Sciences.

No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject field of the major unless the grade in that course is at least a "C" (2.00). Normally, a passing grade ("Y," for satisfactory) must be confirmed to be equivalent to a "C" (2.00) or higher.

General electives

Upon completion of all other requirements, the remainder of the minimum 120 credit hours required for graduation consists of general electives. Students should contact college advisors for assistance in selecting elective courses.

Concurrent degrees

Students in the New College of Interdisciplinary Arts and Sciences may apply for concurrent degrees through the university approval process [33]. Students are eligible to pursue a concurrent degree within New College when the following criteria have been met:

1. Students must be in good standing with a cumulative GPA of 2.00 or higher.
2. Students must have completed a minimum of 30 credit hours in their first program of study.
3. Students must complete 30 credit hours specific to each program.
4. Students must meet admission criteria and concurrent degree eligibility requirements for both programs.

Students should connect with advising to discuss their selected combinations. Degree combinations with significant course overlap may not be approved. Examples of incompatible majors include:

- Biology BA or BS/biochemistry BA or BS
- Biology BA or BA/pharmacology and toxicology BS
- Conflict resolution BA/communication BA or BS
- History BA/history (secondary education) BA
- Political science BA or BS/social justice and human rights BA
- Psychology BA or BS/counseling and applied psychological science BS
- Psychology BA or BS/psychology (forensic psychology) BA or BS
- Spanish BA (West Valley campus)/Spanish BA (Tempe campus)

Minors

New College offers minors [34] in many of its disciplines. All minors require a minimum of 15 credit hours in the discipline, with at least nine of those hours completed as upper-division coursework. A minimum of six of the upper-division credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Courses used for the minor may not be used for the student's major program.

Readmission

Undergraduate degree-seeking students who have previously attended ASU but have not been enrolled at ASU for up to seven consecutive fall or spring semesters are eligible to return through quick re-entry [35]. These students are not required to submit a new application or application fee but must contact an academic advisor in their school to enroll.

Undergraduates who have been away from the university for more than seven semesters and want to return to ASU in a New College program are required to apply for readmission [36] through ASU Admission Services.

Disqualified students must follow the procedures for readmission; their cases are reviewed by the college on a case-by-case basis.

Graduate policies

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Graduate academic success advisors can be contacted at NCGradAdvising@asu.edu.

Academic standing

Satisfactory academic progress

All graduate students are expected to make systematic progress toward completion of their graduate program. This progress includes satisfying the conditions outlined in the policies listed below and achieving the benchmarks and requirements set by the individual graduate programs as well as the Graduate College. Graduate students should review the New College satisfactory academic progress policy [37] and the ASU Graduate College policy manual [38].

Credit and registration

Grade of incomplete

When an "I" (incomplete) grade [39] is given in a graduate course (500 level or higher), the "I" grade becomes a permanent part of the transcript if the course is not completed within one year, and the student must re-register and pay fees to repeat the course for credit.

Academic (grade) grievance policy

The following steps must be followed by any student seeking to appeal a grade. This process does not address academic integrity allegations or faculty misconduct.

Student grade appeals must be processed in the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring), regardless of whether the student is enrolled at the university.

Typically, final course grades appeals are only considered when one or more of the following criteria are met. Appeals requested for areas outside these parameters are not eligible for formal hearings and are not heard.

- There was an error in calculating the final course grade.
- The criteria for determining the final course grade were changed from what was specified in the syllabus.
- The evaluation system was not consistently and fairly applied to all students.

The grade grievance process has two stages: the informal process and the formal process. Each process consists of a series of steps.

Informal process

Step 1: An aggrieved student must first confer with the instructor; the student must state the reasons for questioning that the grade received was given in good faith. The instructor must review the matter, and explain the grading procedure used and how the grade in question was determined. If the instructor is a graduate assistant, and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course.

Step 2: If the grading dispute is not resolved in step 1, the student may appeal to the school academic director or designee within the school offering the course. The school director or designee may confer with the instructor to handle the problem. In most instances, the grievance procedure can be resolved with step 1 or step 2 and does not go beyond this level.

Step 3: If the matter is not resolved to the student's satisfaction after completing steps 1 and 2, the student may then confer with the dean's designee (at 602-543-7000), who reviews the case and explains the formal process to the student. If still unresolved, the student may proceed to the formal process.

Formal process

Step 4: No later than 10 business days after meeting with the dean's designee, the student must provide a written statement noting the evidence, if any, and reasons for determining that the grade received was not given in good faith. Supporting materials should be attached as exhibits to the statement.

Step 5: The dean's designee provides the student's statement (with any exhibits) to the instructor and requests the instructor to respond to the dean's designee within 10 business days.

Step 6: When the official, written response is received from the instructor, the dean's designee contacts the student, who can then schedule an appointment to review the instructor's response. After reviewing the instructor's response, the student may submit a written request for a hearing before the New College of Interdisciplinary Arts and Sciences Student Affairs and Grievances Committee. This written request for a hearing must be submitted no later than 10 business days after the dean's designee notifies the student that the instructor's response was received. The committee is a regular committee and meets monthly, as necessary, during the fall and spring terms when classes are in session. The dean's designee serves as a nonvoting, ex officio member of the committee.

Step 7: The committee meets with the student and the instructor in an attempt to resolve differences. To preserve the confidential nature of the grade grievance process and to protect the privacy interest of those involved, the hearing is closed to the public. The committee chairperson presides at the hearing and rules upon all procedural matters. A student who fails to appear or refuses to participate at the hearing is deemed to have abandoned the request for a hearing unless the student can demonstrate that extraordinary circumstances prevented their appearance or participation.

Step 8: After all parties have been heard, they are excused, and the committee deliberates in closed session. Upon reaching consensus, the committee chairperson submits their recommendation to the dean of the New College of Interdisciplinary Arts and Sciences. The dean reviews the report and makes a final determination regarding the appropriate course of action. The dean's office informs the student, instructor, school director, registrar and Student Affairs and Grievances Committee in writing of the decision. The dean's decision is final.

It is university policy that students filing grievances and those who are witnesses be protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean's office in the New College of Interdisciplinary Arts and Sciences.

Other graduate policies

Graduate students are expected to have knowledge of the information in this catalog as well as information published in the ASU Graduate College Policy Manual [38] and New College graduate program handbooks [40].

Additional considerations

Request a medical or compassionate withdrawal

A medical or compassionate withdrawal request [21] may be made in extraordinary cases in which serious illness or injury (medical) or another extraordinary personal situation, such as a death in the family (compassionate), prevents a student from continuing their classes, and "I" (incomplete) grades or other arrangements with the instructors are not possible. Students should review the New College medical and compassionate withdrawal requirements and procedures [22].

Continuous enrollment

Once admitted to a graduate degree program or graduate certificate program, students must be registered for a minimum of one graduate-level credit hour during all phases of their graduate education, including the terms in which they were admitted and graduate. More information is available in the ASU Graduate College policy manual [38].

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[1] https://newcollege.asu.edu/
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[12] https://newcollege.asu.edu/advising/team
[13] https://eadvisor.asu.edu/
[14] https://registrar.asu.edu/grades#webspark-anchor-link--339
[15] https://newcollege.asu.edu/advising/forms
[16] https://registrar.asu.edu/forms/incomplete-grade-request
[17] https://registrar.asu.edu/forms/application-pass-fail-enrollment
[18] https://admission.asu.edu/apply/transfer/transferring-credits
[19] https://registrar.asu.edu/academic-calendar
[20] https://webapp4.asu.edu/myasu/
[21] https://registrar.asu.edu/forms/medical-compassionate-withdrawal-request
[22] https://newcollege.asu.edu/advising/medical-compassionate-withdrawal
[23] https://tutoring.asu.edu/
[24] https://eoss.asu.edu/counseling/about-us/location-and-hours
[25] https://tuition.asu.edu/financial-aid/maintaining-aid
[26] https://tuition.asu.edu/billing-finances/tuition-refund
[27] https://housing.asu.edu/housing-resources/license-agreements/release
[28] https://veterans.asu.edu/
[29] https://registrar.asu.edu/drop-add
[30] https://catalog.asu.edu/undergraduatereq#first_year_composition
[31] https://catalog.asu.edu/ug_gsr
[32] https://eadvisor.asu.edu/
[33] https://students.asu.edu/concurrent-degrees

[34] https://catalog.asu.edu/minors
[35] https://catalog.asu.edu/glossary#quickreentry
[36] https://admission.asu.edu/apply/first-year/readmission
[37] https://newcollege.asu.edu/advising/graduate/Satisfactory-Academic-Progress-Policy
[38] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
[39] https://registrar.asu.edu/grades#webspark-anchor-link--339
[40] https://newcollege.asu.edu/advising/graduate

Walter Cronkite School of Journalism and Mass Communication policies

The Walter Cronkite School of Journalism and Mass Communication has a student-centered culture focused on helping students complete their degrees in a timely manner. Students are encouraged to visit the school website [1] or contact its student services center at 602-496-5055 with questions about any of the school's policies.

Academic integrity

Academic dishonesty in any form is not tolerated in the Walter Cronkite School of Journalism and Mass Communication. The crux of democracy is the ability of citizens to obtain honest, truthful and balanced information, and the credibility and integrity of individual journalists and communications professionals are crucial in that effort. In light of the school's mission to prepare students to become journalists and communications professionals, it is critical that credibility and integrity be fostered within the educational environment of the school.

The school has zero-tolerance for academic dishonesty; academic integrity is enforced within every course and educational activity offered or sanctioned by the school. Any allegation of academic dishonesty is referred to an appointed academic integrity officer for investigation, with cases elevated to the school's Standards Committee for review and recommendation to the dean of the school. If any student is found to have engaged in academic dishonesty in any form — including cheating, plagiarizing and fabricating (see examples (PDF) [2]) — that student will receive a grade of XE for the class and may face suspension or expulsion from ASU.

At the beginning of every Cronkite class, every student must digitally agree to uphold the school's commitment to academic integrity, as well as the ASU academic integrity policy [3] and the ASU student honor code [4]. This agreement indicates that each student has read and understands the terms of academic integrity violations and all potential sanctions.

Per ASU's policy, anyone with a good faith basis for believing that a student has engaged in academic dishonesty may report the alleged violation. In any case, the alleged violation should be brought to the attention of the faculty member or instructor who oversees the academic activity in question. Students can use this link to report an alleged violation [5] to an academic integrity officer.

If the Cronkite school dean determines that a graduate student has violated the ASU academic integrity policy and should be suspended or dismissed from the program, they will notify ASU's Graduate College and make a formal recommendation for dismissal or suspension. The Graduate College dean makes the final determination of sanctions.

Responsibilities related to academic integrity

Accuracy: Because accuracy is the most important aspect of journalism, students must adhere to rigid standards for all submitted work, regardless of the intent to publish. Any major error of fact, anything that would require a printed correction if the story appeared in a newspaper — a misspelled proper name, an erroneous phone number, an incorrect address, a libelous statement or a misstatement of a major fact — results in a grade of "E" (59%) on that assignment. Minor misspellings or errors of grammar bring down the grade. Carelessness causes students to lose points quickly.

Attendance and makeup work: Students must attend all classes for their full duration — as well as examinations, as noted by the ASU final exam schedule — on the days and times and in the locations indicated on the class syllabus and My ASU. If a student experiences extreme personal circumstances, they must notify their instructor immediately. The instructor is obligated to report extreme or extenuating circumstances to the dean's office for the coordination of student support. Other than for religious accommodations or university-sanctioned events, the Cronkite school does not give makeup work. If a student is absent and misses an in-class assignment, quiz or test, they do not earn credit for it.

Course content: Course content, including lectures, is copyrighted material. Students may not share outside the class, upload, sell or distribute course content, assessments, access codes or notes. Students must refrain from uploading to any course shell, discussion board or website used by the instructor or other course forum any material that is not the

student's original work unless the student first complies with all applicable copyright laws; faculty members reserve the right to delete materials on the grounds of suspected copyright infringement.

Classroom etiquette: Students must keep mobile devices stored out of reach during class unless prompted by the instructor. Students may use computers, phones and other devices during class only to take notes and engage with course content. Food and drinks other than water are not allowed in the classroom. Students should arrive on time and be prepared to engage meaningfully with their instructor, peers and course content.

Deadlines: Effective Fall 2025, assignments submitted even one second past the deadline are subject to a 25% deduction; thus, a "C" becomes the highest possible grade for a late submission within the first 24 hours after the deadline. This includes assignments submitted at 12:00 a.m. when the deadline is 11:59 p.m. Assignments submitted more than 24 hours after the initial deadline receive zero points. Instructors do not grant exceptions for preventable circumstances, including technical difficulties and poor time management.

If a student begins an assignment but runs out of time to complete it, the student should remember that submitting a partially completed assignment is better than not submitting anything at all (as long as the work meets all expectations for academic integrity and does not compromise the work of other students).

Extreme personal circumstances: Students should notify their instructor as soon as possible if an extreme individual circumstance interferes with their ability to complete coursework. Examples include hospitalization of a student, death of an immediate family member or a natural disaster.

Active duty military: Students who are on active duty with the military and, because of deployment or service responsibilities, experience Internet connectivity issues that prevent them from participating in course activities or meeting assignment deadlines must notify the instructor as soon as possible to discuss appropriate accommodations.

Religious accommodations: Students who must be absent from class because of religious observance should notify their instructors at the beginning of the semester.

Diversity principles: The Walter Cronkite School of Journalism and Mass Communication embraces inclusivity [6] in student, staff and faculty populations to create an academic environment that fosters diversity of thought and acceptance of all people. To this end, the school directs efforts to the following four principles:

- Actively seek out and encourage diverse populations to become productive members of the faculty, staff and the student body.
- Create and maintain a work, learning and social environment that is cognizant and supportive of a diversity of human differences and beliefs.
- Incorporate within the formal content of the curriculum and in each course an affirmation of the core values of accuracy, fairness, ethical behavior and sensitivity when reflecting an increasingly multicultural world.
- Foster and support a climate in which events and activities of the school reflect diversity of awareness, and sensitivity to and support for people of different origins, orientations and abilities.

Expectations of professionalism: Students must exhibit professionalism in all course-related activities, assessments and communications. It is vital to the learning process that each student respect their instructor, classmates, clients, partners, sources, technology, equipment and course content. Students who engage in damaging or abusive behavior — and those who consistently make disruptive, disrespectful or intimidating comments in person or online — are referred to the Office of Student Rights and Responsibilities [7] for investigation and possible consideration for dismissal from the program.

The Walter Cronkite School of Journalism and Mass Communication strives to create a respectful, civil learning environment for everyone; however, some course content and discussions may evoke emotional responses based on personal experiences and backgrounds. Students should bring any concerns to the attention of their instructor or, alternatively, to school leadership.

According to ASU policy SSM 104-02 [8], “Students, faculty, staff, and other individuals do not have an unqualified right of access to university grounds, property or services. Interfering with the peaceful conduct of university-related business or activities or remaining on campus grounds after a request to leave may be considered a crime."

ACEJMC values and competencies: As a member of the Accrediting Council on Education in Journalism and Mass Communication, the school is committed to classroom learning that achieves ACEJMC professional values and competencies (http://www.acejmc.org/policies-process/principles [9]). These include the core areas of freedom of speech, ethics, diversity, critical thinking, research, writing and use of tools and technologies related to the field.

Social media guidelines: It is important that students of journalism and communication know how to use social media ethically and professionally. The school has developed standards [10] drawn from The Poynter Institute for Media Studies and the Society of Professional Journalists.

Original work and collaborations: All work submitted for classes must be original work, created solely for the current session of the class. This includes photos, text, video and images. Students may not submit assignments or evaluations done for any other class, for any other organization or for a previous session of the class. ASU offers resources for learning more about plagiarism and self-plagiarism [11]. Students who violate this clause are referred to an academic integrity officer.

All assignments must be the student's own work — from concept to execution — unless the instructor specifies some type of collaboration. Even when students are part of a team, not all elements of the assignment may be team-based. For example, the assignment may call for a team discussion of a topic, but a writing assignment based on that discussion must be the student's individual work. Violating this policy may qualify as academic dishonesty. Students are responsible for understanding what elements of an assignment or task (if any) require peer collaboration or individual completion.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU’s policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [12].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [13] website.

Undergraduate policies

Academic standing

Probation and Walter Cronkite School of Journalism and Mass Communication continuing academic probation

All ASU students, first-year students through seniors, must maintain a minimum GPA of 2.00 for all courses completed at ASU. If this standard is not maintained, the student is placed on probation. Students on probation must see an advisor before further registration and must do one of the following:

- Achieve an ASU GPA of 2.00 or greater to return to academic good standing.
- Obtain a semester GPA of 2.50 with no grade lower than “C” to be granted one additional semester on continuing probation. At the end of the continuing probation, the student must return to academic good standing (a minimum cumulative ASU GPA of 2.00) to avoid disqualification.

Disqualification

Students who do not meet probation requirements are academically disqualified. Disqualified students should meet with their academic advisors. These students may attend ASU only during the summer session immediately following disqualification.

Journalism and mass communication and sports journalism majors: Students in these majors must maintain a minimum cumulative GPA of 2.50 for all courses completed at ASU to be in good standing in the major. Students who have a cumulative GPA lower than 2.50 have one semester to raise their cumulative GPA to meet the requirement. Students who fail to raise their cumulative GPA to 2.50 or higher must change their major from journalism and mass communication or sports journalism.

Mass communication and media studies, digital media literacy and digital audiences majors: Students in these majors follow the university policies on retention and academic standards [14] for GPA requirements, probation and disqualification.

Advising

Undergraduate students are assigned an advisor according to the student's last name. Students should see the school advising [15] page for specifics.

To ensure that students are making progress toward their degrees, the school encourages students to check in with their advisors each semester. Advising is mandatory for:

- first-time, first-year students, both semesters during their first year at ASU
- students on academic probation
- students who are off track in their major
- students who have completed 75 credit hours
- transfer students before they enroll in their first semester at ASU

ASU Online students are strongly encouraged to make an appointment with their respective advisors before enrolling in their first semester.

For additional information, students should contact the school's advising center at cronkiteadvising@asu.edu. Students should follow the sequence of courses outlined on major maps and online degree audits and contact their advisor with any questions. Critical requirements for first-year students in the school are available at the school website [16].

Credit and registration

Changes of major

Students are eligible to change their major [17] if they meet the criteria below.

Journalism and mass communication and sports journalism degree programs: Current ASU students are eligible to change their major to this program if they have a cumulative GPA of at least 2.50 in 12 or more credit hours earned at ASU in courses that can be used to satisfy the school's nonelective general studies requirements.

Mass communication and media studies, digital audiences and digital media literacy degree programs: Current ASU students are eligible to change their major to these programs if they have a cumulative GPA of at least 2.00.

Transfer credit

Students may apply up to 64 credits of coursework from an accredited two-year institution to their degree. Students may apply up to nine credit hours of approved upper-division journalism coursework from a four-year, ACEJMC-accredited institution to meet the school's Bachelor of Arts in journalism and mass communication and BA in sports journalism degree requirements. Students interested in having these courses reviewed should collect detailed syllabi and course

schedules, review the ASU transfer credit criteria [18] and consult a Cronkite academic advisor [15] or admission specialist [19] for assistance.

Degree requirements

All students must meet the critical requirements for their majors. Students who are required to follow eAdvisor tracking requirements and do not comply with the critical requirements are off track, and a hold is placed on their records. These students must meet with an advisor to have the hold removed.

- specific requirements for the journalism and mass communication degree [20]
- specific requirements for the sports journalism degree [21]
- specific requirements for the mass communication and media studies degree [22]
- specific requirements for the digital audiences degree [23]
- specific requirements for the digital media literacy degree [24]

Concurrent degrees

The primary degree is the one that appears at the top of a student's transcript. A concurrent degree is an additional degree that a student pursues.

Following are general rules for students pursuing concurrent degrees in the Walter Cronkite School of Journalism and Mass Communication:

- Currently enrolled journalism and mass communication or sports journalism majors who would like to add a concurrent degree must have a cumulative ASU GPA of 2.50 or higher and must have completed 30 credit hours of coursework.
- Currently enrolled mass communication and media studies, digital audiences or digital media literacy majors who would like to add a concurrent degree must have a cumulative ASU GPA of 2.00 or higher and must have completed 30 credit hours of coursework.
- ASU students not enrolled in the school who would like to add a concurrent degree in journalism and mass communication or sports journalism must be in good academic standing within ASU, must have a cumulative GPA of at least 3.00 and must have completed 30 credit hours of coursework.
- ASU students not enrolled in the school who would like to add a concurrent degree in mass communication and media studies or digital audiences must be in good academic standing, must have a cumulative GPA of at least 2.00 in a degree program and must have completed 30 credit hours of coursework.
- The school requires that students enrolled in journalism and mass communication or sports journalism majors take a minimum of 36 credit hours of the school's courses.
- The school requires that students enrolled in the mass communication and media studies, digital media literacy, or digital audiences majors take a minimum of 30 credit hours of the school's courses.
- A student may not pursue concurrent degrees in journalism and mass communication, sports journalism, mass communication and media studies, digital audiences, or digital media literacy.

Procedures for adding a concurrent degree:

1. Once a student has decided to declare a concurrent degree, they should inform the academic advisor for each degree in order to receive proper information about requirements such as degree requirements and courses.
2. When a student meets the requirements for a concurrent degree, they should contact the assigned academic advisor for each major to review and complete the university's approval process [25]. Students in the school are assigned an academic advisor [26] by the student’s last name.
3. If a student no longer wishes to pursue a concurrent degree, they should email that intention to the academic advisor. The message should include the student's full name and ASU ID number, and specify the degree that the student wants to have removed from the academic record.

Any questions should be directed to cronkiteadvising@asu.edu.

Reinstatement/readmission

Students seeking readmission after being discontinued from the university should contact admission services [27].

Graduate policies

The Walter Cronkite School of Journalism and Mass Communication is a nationally recognized professional program that prepares students for careers as reporters, editors, producers, anchors, multimedia journalists, digital marketers, strategic communicators, entrepreneurs and media executives. Students go on to work for news organizations, digital media and production companies, public relations firms, nonprofit organizations and corporate brands around the world.

More information on the school's academic standards, policies and procedures can be found in the program handbook. Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College [28] and the Walter Cronkite School of Journalism and Mass Communication.

Admission

Candidates for the on-campus Master of Mass Communication, Master of Arts in investigative journalism, MA in strategic communication or MA in sports journalism degrees apply online [29].

The graduate application opens Sept. 1. Applications are reviewed on a rolling basis. Applications received before Dec. 1 are given priority for both admission and funding. The final application deadline is June 1.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

They must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. three letters of recommendation
4. personal statement of interest (350–500 words in length)
5. resume
6. proof of English proficiency

An applicant whose native language is not English must provide proof of English proficiency [30] regardless of their current residency. Students can choose to submit scores from the TOEFL, Duolingo or IELTS English proficiency exams. TOEFL scores must be at least 100 for the iBT® taken in a testing center, Duolingo scores must be 135 or higher, and IELTS must be 7.5 or higher.

Students should see the program website for application deadlines and admission terms [31]. Applicants must meet all deadlines and application requirements to be considered. The school's master's degree committee reviews applications that are complete and submitted on time. Recommendations for admission are made to admission services, where the final admission decisions are made.

Candidates for the Master of Science in digital audience strategy, offered online and at ASU's California Center in Los Angeles, apply online [29]. Candidates must submit a graduate application, application fee, resume, statement of personal interest (300–500 words) and official transcripts.

An applicant whose native language is not English must provide proof of English proficiency [30] regardless of their current residency. Students can choose to submit scores from the TOEFL, Duolingo or IELTS English proficiency exams. TOEFL scores must be at least 100 for the iBT® taken in a testing center, Duolingo scores must be 135 or higher, and IELTS must be 7.5 or higher.

Candidates for the MA in narrative and emerging media, offered at ASU's California Center in Los Angeles in collaboration with ASU's Herberger Institute for Design and the Arts, apply online [29]. Candidates must submit a graduate application, application fee, resume, statement of personal interest (300–500 words), two letters of application

and official transcripts. An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, with an iBT® TOEFL score (taken in a testing center) equal to or greater than 80. Other exams may be considered. Applicants should consult the school with specifics.

Degree requirements

Plan of study

Graduate students are required to complete their interactive plan of study [32] in their first enrolled semester. This requirement is monitored by the academic unit and is considered critical to satisfactory academic progress. The plan of study is available online in the My Programs box on My ASU [33].

The student selects the ASU courses that have been taken, those in progress and those that the student plans to take in future semesters. Once the POS is completed, it is electronically forwarded to the school's graduate advisor. It must be approved by the school's director of master's degree programs. The completed POS is sent to the Graduate College and then to the graduation office. The approved POS is a contract between the student and the school, verifying the classes the student intends to take during the course of study. Students who do not have an approved POS on file are not eligible for graduation. Changes to the POS may be made by using the form Course Changes to the Graduate Plan of Study available on My ASU [33].

Students who need to file a POS are notified by the Graduate College via email. If the student fails to file the POS within the specified period, a hold is placed on the student's ASU record. The hold prevents the student from registering for classes. Once the student has filed the POS and it has been approved, the hold is removed. The Graduate College monitors students' iPOS statuses and places or removes the holds.

Academic standing

Satisfactory academic progress

All graduate students are expected to make systematic progress toward completion of their degree. This progress includes satisfying the conditions listed below, achieving the benchmarks, and meeting the requirements set by the individual degree programs. Each degree program should have in place policies for satisfactory academic progress. Students are responsible for verifying additional satisfactory progress policies as described in the program handbook. If a student fails to meet the requirements of their degree program and the benchmarks outlined below, the student may be dismissed from their program based on the academic unit's recommendation to the Graduate College. The dean of the Graduate College makes the final determination.

1. Maintain a minimum iPOS, graduate and cumulative GPA of 3.00. If a GPA is lower than 3.00, the student must develop, with their advisor, an academic performance improvement plan that includes the conditions and time frames for making satisfactory academic progress in the degree program.

   The iPOS GPA is calculated from all courses that appear on the student's approved iPOS.

   The graduate GPA is calculated from all courses numbered 500 or higher that appear on the transcript, with the exception of courses counted toward an undergraduate degree at ASU (unless shared with a master's degree in an approved bachelor's and master's degree program) and from courses identified as deficiencies in the original letter of admission. The student is considered to be on academic probation until the conditions specified in the academic performance improvement plan are met and both GPAs are 3.00 or higher.

   The cumulative ASU GPA represents all courses completed at ASU during the graduate career.

2. Satisfy all requirements of the graduate degree program.

3. Satisfy the maximum time limit for graduation from the student's graduate degree program.

4. Students have three years from the start of their program to complete the MS in digital audience strategy, six years from the start of their program to complete other Cronkite master's degrees, and 10 years from the start of their program to complete the doctoral degree program.

5. Successfully pass any comprehensive exams, qualifying exams, foreign language exams, and the oral defense of the proposal or prospectus for the thesis or dissertation that are required for the specific graduate program.

6. Successfully complete the culminating experience and, if required, the oral defense of the culminating experience.

7. Stay continuously enrolled in the graduate program. Failing to do so without a Graduate College-approved request to maintain continuous enrollment is considered a lack of academic progress and may lead to automatic dismissal of the student from the graduate program. Persistent "W" (withdrawal) and "I" (incomplete) grades during multiple semesters on a POS or transcript may reflect a lack of academic progress.

In addition to the Graduate College satisfactory academic progress policies, the Walter Cronkite School of Journalism and Mass Communication has adopted the following:

- If any of a student's GPAs are lower than 3.00, the student is placed on academic probation. If the student's GPAs are not raised to at least 3.00 by the end of the next semester, the Cronkite School may recommend dismissal to ASU's Graduate College.
- If a student in the MMA, MA in investigative journalism, MA in strategic communication or MA in sports journalism earns lower than a "C" (2.00) in MCO 502 Multimedia Storytelling (Bootcamp), the school recommends to the Graduate College that the student be removed from the program immediately.
- To receive their degrees, MMC, MA in investigative journalism, MA in strategic communication and MA in sports journalism students who have MCO 570 Capstone as their culminating experience are required to earn at least a "B" (3.00).
- Students in the MS in digital audience strategy program must earn a "B" (3.00) or higher in MCO 561 Defining the Digital Audience before enrolling in MCO 562, 563, 564 or 565. To receive their degrees, students also are required to earn at least a "B" (3.00) in MCO 566 Digital Audience Management (Capstone). To enroll in the MCO 566, students must earn a "B" (3.00) or higher in MCO 561, and a "C" (2.00) or higher in all other courses.
- Students in the MA in narrative and emerging media program should consult their program handbook for applicable policies from the Herberger Institute for Design and the Arts.

Appeals

Students who want to appeal a course grade must first discuss the issue with the instructor. If the issue is not resolved, the student may appeal the grade to the school's standards committee by completing the academic affairs report form [34]; the standards committee reviews the issue and makes a recommendation to the dean. The dean's decision is final. Students should be aware that the standards committee may recommend a grade lower than the one awarded by the course instructor.

If a student fails to make satisfactory academic progress, and a recommendation is made to the Graduate College to remove the student from their graduate program, the student has 10 business days to file a written appeal with the dean. The dean's decision regarding appeals is final.

Credit and registration

Transfer credit

Students admitted to the 30 credit hour, midcareer MMC program may transfer up to six credit hours of approved coursework that was taken before beginning the program and not used toward a previous degree; the six credit hours may include nondegree coursework. Only courses with a grade of "A" (4.00) or "B" (3.00) and taken within three years of admission to an ASU graduate program may be accepted as transfer credit.

To have graduate coursework that was completed at other accredited institutions included on a POS, a student must petition the school's master's or doctoral committee. The student also must complete the petition section of the POS.

Students who are in the 36 credit hour professional master's degree programs are not permitted to transfer coursework from another institution or from another ASU program.

400-level courses taken for graduate credit

The Walter Cronkite School of Journalism and Mass Communication may allow graduate students to enroll in and use up to two three-credit, 400-level courses on their plans of study (a total of six credit hours). Students must receive permission from the program director before enrolling in any 400-level course they intend to include in their POS. Students taking these courses are responsible for obtaining and completing the 400-level course contract form. This form specifies what the student must do to receive graduate credit for the course. It must be signed by the professor.

Preadmission credit

Credit earned in graduate-level courses (per the Graduate College preadmission policy) by undergraduate students may count toward their graduate degrees at ASU, provided the credit hours have not been used toward a previously awarded degree. Before they are awarded a bachelor's degree, ASU undergraduate students should contact their undergraduate advisor to set aside graduate courses for use toward a graduate degree.

Reserving a course does not guarantee that the student will be admitted to a graduate degree program or that the course will be used to meet graduate degree requirements. A maximum of nine credit hours may be reserved, and only courses with a grade of "B" (3.00) or higher are applicable. Reserved credit is classified as nondegree credit and must be taken within the six-year limit to be included on a POS.

Grades of incomplete

A grade of "I" (incomplete) may be given by the instructor when a student who is otherwise doing acceptable work is unable to complete the course because of illness or other conditions beyond their control. The student must request an incomplete [35], which must be approved by the instructor and the director of the master's degree or doctoral program.

The Graduate College requires students who receive an "I" in graduate coursework (500 level and higher) to complete the necessary work within one calendar year or a shorter time frame as agreed upon by the instructor and student. If the "I" is not removed within one calendar year, it becomes part of the student's permanent transcript and cannot be used on a student's POS. To receive credit for the course, the student must repeat the course by re-registering, paying fees and fulfilling all course requirements.

Master's degree students with more than one "I" at any time are considered failing to make adequate progress, and they are placed on probation. If the student does not complete the work to remove the "I" and earn a letter grade by the end of the calendar year, a recommendation may be made to the Graduate College to remove the student from the program.

With 400-level courses taken for graduate credit, students are required to complete the necessary work to remove an incomplete grade within one calendar year. If the incomplete grade is not removed within one calendar year, the "I" becomes an "E" (failing) grade. An "E" cannot be used to meet the requirements for a graduate degree, but it is used to calculate the student's GPA. Students may retake the class to earn a higher grade; however, both the "E" and the new grade are used in calculating the student's GPA. If this results in a GPA lower than 3.00, a recommendation to withdraw the student from the program is made to the Graduate College.

Other special requirements

Time limitations

Students have three years from the start of their program to complete the MS in digital audience strategy, six years from the start of their program to complete other Cronkite master's degrees, and 10 years from the start of their program to complete the doctoral degree.

Financial aid

Many graduate students receive financial aid from ASU [36] to assist in financing their education.

Applied project

Students enrolled in the 30 credit hour, midcareer MMC program have the option of completing an applied project and are eligible to enroll in MCO 593 Applied Project when they have no more than six credit hours of coursework remaining on their POS. Students interested in completing an applied project are encouraged to meet with the master's program director no later than the end of their first year in the program.

Source URL: https://catalog.asu.edu/policies/journalism

Links:
[1] https://cronkite.asu.edu/
[2] https://cronkite.asu.edu/wp-content/uploads/2021/08/Cronkite-Resources-on-Plagiarism-Fabrication-and-Sourcing-1.pdf
[3] https://provost.asu.edu/academic-integrity/policy
[4] https://provost.asu.edu/academic-integrity/honor-code
[5] https://asuacademicaffairs-advocate.symplicity.com/public_report/index.php/pid640303?
[6] https://cronkite.asu.edu/about/mission-and-vision/
[7] https://eoss.asu.edu/dos/srr
[8] https://public.powerdms.com/ASU/documents/1560490
[9] http://www.acejmc.org/policies-process/principles/
[10] https://cronkite.asu.edu/about/policies/social-media-guidelines/
[11] https://provost.asu.edu/academic-integrity/resources/students#nav-avoiding-plagiarism
[12] https://public.powerdms.com/ASU/documents/1541854
[13] https://www.asu.edu/reportit/
[14] https://catalog.asu.edu/retention_standing
[15] https://cronkite.asu.edu/students/advising/
[16] https://cronkite.asu.edu/undergraduate-programs/
[17] https://changingmajors.asu.edu/
[18] https://admission.asu.edu/apply/transfer/transferring-credits
[19] https://cronkite.asu.edu/undergraduate-programs/transfer/
[20] https://degrees.apps.asu.edu/bachelors/major/ASU00/CSJMCBA/journalism-and-mass-communication
[21] https://degrees.apps.asu.edu/bachelors/major/ASU00/CSSPJBA/sports-journalism
[22] https://degrees.apps.asu.edu/bachelors/major/ASU00/CSMCMSTBA/mass-communication-and-media-studies
[23] https://degrees.apps.asu.edu/bachelors/major/ASU00/CSDIGABS/digital-audiences
[24] https://degrees.apps.asu.edu/bachelors/major/ASU00/CSDMLBA/digital-media-literacy
[25] https://students.asu.edu/concurrent-degrees
[26] https://cronkite.asu.edu/advising/
[27] https://admission.asu.edu/contact
[28] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals
[29] https://admission.asu.edu/apply/graduate/admission
[30] https://admission.asu.edu/apply/international/graduate/english-proficiency
[31] https://cronkite.asu.edu/admissions/
[32] https://graduate.asu.edu/current-students/completing-your-degree/your-plan-study-ipos
[33] https://webapp4.asu.edu/myasu/
[34] https://asuacademicaffairs-advocate.symplicity.com/public_report/index.php/pid819141?
[35] https://registrar.asu.edu/forms/incomplete-grade-request
[36] https://graduate.asu.edu/current-students/funding-opportunities

Sandra Day O’Connor College of Law policies

Academic integrity

Academic integrity code

The legal profession, a self-regulating association, depends on the integrity, honor and personal morality of each member. Similarly, the integrity and value of a Sandra Day O'Connor College of Law degree depend on a reputation for fair competition. The ASU Law Academic Integrity Code (PDF) [1] is intended as a measure to preserve the integrity of the school's diploma and to create an arena in which students can compete fairly and confidently.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU’s policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [2].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [3] website.

Graduate policies

Academic standing

Retention standards - Juris Doctor students

If a student's 1L GPA is above 2.00 but below 2.33 after the first year, that student is disqualified from ASU Law but may be reconsidered for readmission, if the student applies. If a student's 1L cumulative GPA is below 2.00, that student is permanently disqualified in accordance with ASU Law policies. If an upper-class student's cumulative GPA is below 2.33 (2.00 for students who started law school before fall 2020), that student is disqualified from ASU Law but may apply for readmission.

Retention standards - all students

The ASU Law JD Statement of Student Policies (PDF) [4] contains additional retention and academic policies.

Advising

Academic advising for currently enrolled law students is available through the Office of Academic Services, with designated points of contact for different degree programs.

Degree requirements

Concurrent degrees

ASU Law students must be in academic good standing to be eligible to pursue a concurrent degree.

Shared credit

Per the Graduate College policy for concurrent master's degrees, a maximum of 20% of the minimum total credit hours for the completion of both degrees may be hours shared between the degree programs. The total number of credit hours

common to both degree programs may vary from this maximum value only when the Graduate College office has formally approved coordinated degree programs.

The Graduate College policy also states that for a concurrent master's or doctoral degree, a maximum of 12 credit hours may be shared between the degrees and may only include coursework completed after admission to both degree programs. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College has formally approved coordinated degree programs.

The Graduate College policy for concurrent doctoral degrees states that a maximum of 12 credit hours may be shared between the degrees. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College has formally approved coordinated degree programs.

Process

Current ASU Law Juris Doctor students who are interested in pursuing a concurrent degree should contact ASU Law's assistant dean for academic affairs or the assistant registrar before applying to ASU Law or the department or school offering the desired concurrent degree.

Students in one of ASU Law's master's degree programs who are interested in pursuing a concurrent degree should contact ASU Law's associate dean for new education initiatives before applying to the college, department or school offering the concurrent degree.

Current ASU students who are not enrolled in ASU Law and who wish to pursue a concurrent degree with ASU Law should contact the admission office [5].

Admission process

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

JD admission

For the JD program, the Sandra Day O'Connor College of Law enrolls only one first-year JD class per year, beginning in the fall semester. This is a three-year program, and almost all students study on a full-time basis. The college offers a flexible scheduling option for students with circumstances that make full-time enrollment impossible. To be considered for admission to the JD program, applicants must have taken the LSAT (excluding applicants applying to the ASU Achievement Program) and have earned, by the time of enrollment in law school, a bachelor's degree awarded by an institution that is accredited by an accrediting agency recognized by the United States Department of Education.

ASU Law is committed to a more sustainable and resilient future and requires applicants to apply electronically through the Law School Admission Council website: https://www.lsac.org/ [6].

An application for admission must include:

1. electronic application
2. personal statement (no more than two pages, double-spaced, with 11-point or larger font)
3. resume (no more than two pages, with 11-point or larger font)
4. character and fitness statements; if applicable, explaining affirmative answers to questions 1-8 in the character and fitness section of the application
5. binding admission contract, if applicable
6. valid LSAT score (except applicants applying to the ASU Achievement Program)
7. transcripts from each undergraduate and graduate institution attended (must be sent to LSAC)
8. proof of English proficiency for applicants whose native language is not English, regardless of current residency

The application may also include:

- Arizona residency form
- "elevator pitch" video
- inclusive excellence statement

- letters of recommendation — no more than two*
- optional addenda

*Because letters are not required, the admission office does not wait for them to complete an applicant's file for review.

Application deadlines:

- Priority deadline: February 28, 2025
- Final deadline: July 31, 2025

Students should visit the college website for detailed information about the JD application process [7].

Source URL: https://catalog.asu.edu/policies/law

Links:
[1] https://law.asu.edu/sites/default/files/2023-08/ASU_Law_Academic_Integrity_Code_2023_0.pdf
[2] https://public.powerdms.com/ASU/documents/1541854
[3] https://www.asu.edu/reportit/
[4] https://law.asu.edu/sites/default/files/2023-09/JD_SSP_23-24_Rev_15.1.pdf
[5] https://law.asu.edu/admission
[6] https://www.lsac.org/
[7] https://law.asu.edu/admission/jd

The College of Liberal Arts and Sciences policies

These are the current policies in The College of Liberal Arts and Sciences.

Academic integrity

Academic honesty is expected of all students in all examinations, assignments, papers, laboratory work, academic transactions and records. More information about academic honesty is available at the academic integrity [1] website, and information about The College of Liberal Arts and Sciences policies and procedures [2] can be found at the college website.

Academic dishonesty investigation and procedures

- Anyone with a good faith basis for believing that a student has engaged in academic dishonesty may report the alleged violation to the instructor or academic integrity officer for the college or school in which the academic dishonesty occurred.
- If the instructor or academic integrity officer concludes that there is a sufficient basis to believe the student engaged in academic dishonesty, the instructor or the academic integrity officer notifies the student of the alleged violation and initiates the investigative process.
- Before concluding the investigation, the instructor or academic integrity officer provides the student a summary of the information gathered. The student has five business days after the notice is sent to respond to the allegation.
- At any point in the process, the student can contact the academic integrity officer to seek consultation or clarification.
- The student may be accompanied by an advisor at any point in the process. The advisor is not permitted to participate directly or speak for the student.
- Once the investigation is complete, in consultation with the academic integrity officer, the instructor recommends a sanction. The student is notified of the result of the investigation and of any sanction to be imposed.

Sanctions and appeal

The following sanctions may be imposed for academic dishonesty:

- reduced or failing grade for the academic evaluation
- reduced or failing grade for the course
- a grade of "XE" [3]
- withdrawal of credit for a previously accepted course or requirement
- suspension from the university for a specific period
- expulsion from the university without expectation of readmission
- other sanctions as consistent with this policy and the Student Code of Conduct [4]

At any time, the student and the instructor may agree on the sanction and inform the academic integrity officer or the dean. The academic integrity officer or the dean may reject the proposed resolution and appoint a designee to pursue the case on behalf of the college.

A student alleged to have violated the academic integrity policy has the following rights:

- The student is notified of their right to appeal to the dean. The student must file their appeal no later than 10 business days after the date the notification is sent. If the student does not file a timely appeal, the sanction is final.
- A student's appeal of an allegation of an academic integrity violation or recommended sanction must be submitted in writing and include the following:
    - a description of the alleged academic dishonesty, including a factual narrative of events, the dates and times of occurrences, and any other reason that the sanction should not be imposed
    - the names of persons who have information about relevant circumstances or events
    - the general nature and description of all evidence

- If the student files an appeal, the student must meet with the academic integrity officer to discuss hearing procedures. The academic integrity officer helps the student navigate the process and provides additional information when needed.
- If the student wishes to dispute any aspect of the allegation or sanction, the student may file an appeal. If the student files a timely appeal, the sanction is not imposed until the appeal is resolved. If the student files an appeal at the end of a semester or during the last semester of enrollment, the course grade or degree may be withheld until the matter is resolved. If a grade or degree is withheld for any period, the academic integrity officer or dean must notify the Registrar's Office.

Student Affairs and Grievances Committee hearing

The academic integrity officer forwards a student's timely appeal to the instructor.

Prehearing proceedings

The academic integrity officer sends a notice of hearing to the student; instructor; The College of Liberal Arts and Sciences' Student Affairs and Grievances Committee (termed "college/school board" on the Office of the University Provost website); and the head of the college, school or academic unit where the alleged dishonesty occurred. The notice includes the following information:

- the time and place of the hearing before the Student Affairs and Grievances Committee (Unless the parties and academic integrity officer agree otherwise, the hearing takes place during the regular fall or spring semester.)
- a copy of this policy or instructions on how to access the policy electronically
- the requirement that parties provide to the academic integrity officer a written list of witnesses and a description of any documents or other evidence they intend to use at the hearing (Unless the chairperson provides otherwise, this information must be exchanged at least five business days before the hearing.)
- the length of time set for the hearing, the time limitation for the presentation of evidence, and any other procedural requirements

Conduct of the hearing

To preserve the confidential nature of the disciplinary process and to protect the privacy of those involved, the hearing is closed to the public.

The chairperson of the Student Affairs and Grievances Committee presides at the hearing and rules upon all procedural matters. The formal rules of evidence do not apply, although objections to the introduction of specific statements or documents may be considered by the chairperson. Irrelevant, immaterial, privileged or unduly repetitious information is excluded.

The instructor has the burden of showing it is more likely than not that the student engaged in academic dishonesty. The instructor must also explain the reason for the sanction. If the student accepts responsibility for academic dishonesty, then the Student Affairs and Grievances Committee may focus the hearing on the appropriate sanction.

Information regarding prior violations or informal resolutions of previous allegations may not be used as proof of a current violation but may be admitted for other purposes, such as to show that the student had prior experience relevant to the allegations or to show that the student had been informed previously that the conduct was unacceptable. The Student Affairs and Grievances Committee may also consider information regarding prior violations in determining an appropriate sanction.

A student who fails to appear or refuses to participate at the hearing is deemed to have abandoned the appeal, unless the student can demonstrate that extraordinary circumstances prevented appearance or participation.

The student and instructor may each have an advisor present, but the advisors are not permitted to address the Student Affairs and Grievances Committee directly, except as the chairperson deems necessary or appropriate.

The hearing is recorded, and the student may request a copy of the recording. The student may also request a transcript but is responsible for its cost.

Except as otherwise permitted by the Student Affairs and Grievances Committee, witnesses are excluded from the hearing except during their own testimony. The chairperson may remove a party, advisor or witness from the hearing if that person's conduct is disruptive.

When necessitated by fairness or extraordinary circumstances, the Student Affairs and Grievances Committee may permit the parties to make arrangements for recorded, written or telephonic testimony from their witnesses for use in the proceeding.

The instructor proceeds first at each stage of the presentation.

1. Each party may present an opening statement, which summarizes what information is expected to be presented.
2. Each party calls a witness or witnesses to provide statements under oath.
3. At the conclusion of each witness's statement, they may be questioned by the other party.
4. The committee may ask further questions of each witness.
5. Each party may present a closing statement, which summarizes the information presented.

If the alleged academic dishonesty involves the work of multiple students, the Student Affairs and Grievances Committee may modify these procedures to address the circumstances. The college Student Affairs and Grievances Committee should provide prior written notice of any modification of the procedures to all parties. Each student must file their own appeal. A student who has not filed an appeal should not expect to benefit from another student's appeal.

College board deliberations and recommendations

Following the presentation of information and closing statements, the Student Affairs and Grievances Committee discusses the information presented and the reasonable inferences to be drawn from it. Only the committee, its legal advisor, if any, and the academic integrity officer may be present during the deliberations. Neither the student nor the instructor may be present during the deliberations.

Based solely upon the information presented, the Student Affairs and Grievances Committee formulates a recommendation to the dean as to whether the student has more likely than not engaged in academic dishonesty, and the appropriate sanction. Recommendations must be supported by a simple majority of the Student Affairs and Grievances Committee.

The Student Affairs and Grievances Committee prepares and sends a written recommendation to the dean within five business days of the hearing. The written recommendation includes findings of fact and a statement of the reasons for the recommendation. It is signed by the Student Affairs and Grievances Committee chair. If the recommendation is not unanimous, dissenting opinions should be reflected in the recommendation.

Review and decision by the dean

After reviewing the Student Affairs and Grievances Committee's recommendation, the dean renders a written decision that affirms, denies or accepts the Student Affairs and Grievances Committee's recommendation with modifications.

The dean may not make new findings adverse to the student or increase the severity of a sanction unless:

- The dean provides the student notice and an opportunity to respond to the new findings or sanction.
- The dean remands the matter to the Student Affairs and Grievances Committee for further proceedings.

The dean provides written notice of the decision to the student; the academic integrity officer; the instructor; the Student Affairs and Grievances Committee; and the head of the college, school or academic unit where the alleged dishonesty occurred within 20 business days following receipt of the Student Affairs and Grievances Committee's recommendation. A delay may occur if it becomes necessary to conduct further investigation or to remand the matter to the Student Affairs and Grievances Committee. In those cases, the written decision is transmitted no later than 20 business days following completion of the investigation or the Student Affairs and Grievances Committee's subsequent recommendation.

The dean's decision is final and may not be further appealed unless the dean recommends that the provost suspend or expel the student from the university.

If the dean recommends the suspension or expulsion of an international student, both the student and academic integrity officer should consult with the ASU International Students and Scholars Center [5].

If the dean recommends that the provost suspend or expel the student from the university, the letter from the dean states that the student may appeal the recommendation by filing a written request for review with the provost within 10 business days of the date of the letter.

If the student does not file a timely appeal, the provost or designee reviews the dean's recommendation and issues a final decision on suspensions or expulsions from the university.

Review and decision of a suspension or expulsion from the university

A student may seek to have a dean's decision reviewed by the University Academic Integrity Hearing Board only if the dean recommends that the provost suspend or expel the student from the university. However, a student who fails to appeal or who abandons the appeal at the Student Affairs and Grievances Committee hearing may not appeal to the University Academic Integrity Hearing Board.

The appeal must be in writing and must be filed with the provost within 10 business days of the date of the dean's decision letter.

The provost or designee appoints and charges a University Academic Integrity Hearing Board to conduct the hearing. The board comprises three members; one member must be a student, and one of the other members acts as chairperson. The hearing follows the procedures set forth in the Student Code of Conduct procedures (PDF) [6], except that the college or school takes the role of the dean of students, and the provost or designee takes the role of the senior vice president for Educational Outreach and Student Services.

Academic (grade) grievance

Academic grievances occur when a student appeals a final grade issued in a course. This process does not address academic integrity allegations, faculty misconduct or discrimination. Grievances must be resolved within the regular semester immediately following the session in which the grade was issued (by commencement for fall or spring), regardless of whether the student is enrolled at the university.

The grievance procedures of The College of Liberal Arts and Sciences are as follows:

- Consultation with instructor: The student questioning a course grade must first confer with the instructor and state the evidence, if any, and reasons for questioning that the grade received was given in good faith. The instructor must review the matter, explain the grading procedure used and show how the final course grade in question was determined. If the instructor is a graduate assistant and this consultation does not resolve the difficulty, the student may then take the dispute to the faculty member in charge of the course.
- Review by department leadership: If the grading dispute is not resolved after consultation with the instructor, the student may appeal to the department chair, director or other appropriate faculty within the department or school that offered the course. That member of the faculty may confer with the instructor to review the dispute. In most instances, the grievance procedure can be resolved after consultation with the instructor or review by department leadership and does not go beyond this level.
- Meeting request with The College dean’s office: If the matter remains unresolved, the student may then request a meeting with a representative in The College of Liberal Arts and Sciences dean’s office. To request a meeting, the student must complete the academic affairs report form [7]. Students should not submit this form until after consultation with the instructor and review by the department leadership.

After meeting with the student, the dean’s representative sends an email outlining their assessment of the grievance. The dean’s representative determines whether the final course grade will stand as issued, or further review of the issued grade is warranted.

Questions about this process can be directed to TheCollegeDean@asu.edu.

Typically, final course grade appeals are only considered when one or more of the following criteria are met. Appeals requested for areas outside these parameters are not eligible for formal hearings and are not heard.

- There was an error in calculating the final course grade.
- The criteria for determining the final course grade were changed from those specified in the syllabus.
- The evaluation system was not consistently and fairly applied to all students.

Formal process

Step 1: If directed to do so by the dean's representative, the student may, no later than 10 business days after receiving the request from the dean's representative, provide a written statement outlining the evidence, if any, and reasons for questioning that the grade was issued in good faith. Supporting materials should be attached as exhibits to the statement. The statement should be scanned, signed and submitted with all attachments as a single PDF file. Students should review the guidelines for statements of academic grievance (PDF) [8].

The student's written statement must provide evidence that one or more of the circumstances occurred as part of the issuance of the final course grade:

- An error occurred in calculating the final course grade.
- The criteria for determining the final course grade were changed from what was specified in the syllabus.
- The evaluation system was not consistently and fairly applied to all students.

Step 2: The dean's office provides the student's statement, with any exhibits, to the instructor and requests that the instructor provide the dean's office with a formal written response within 10 business days.

Step 3: When the written response is received from the instructor, the dean's representative contacts the student, who can then schedule an appointment to review the instructor's response.

After reviewing the instructor's response, the student may submit a written request for a hearing before The College of Liberal Arts and Sciences Student Affairs and Grievances Committee. The dean's representative determines whether the final course grade will stand as issued, or the grade appeal will be heard by the committee.

The committee is a regular committee and meets weekly during the fall and spring term when school is in session. The dean's representative serves as a nonvoting, ex officio member of the committee.

Step 4: The committee meets with the student and the instructor in an attempt to resolve the differences. To preserve the confidential nature of the final course grade grievance process and to protect the privacy interest of those involved, the hearing is closed to the public. The committee chair presides at the hearing and rules upon all procedural matters. A student who fails to appear or refuses to participate at the hearing is deemed to have abandoned the request for a hearing, unless the student can demonstrate that extraordinary circumstances prevented their appearance or participation.

Step 5: After all parties have been heard, they are excused, and the committee deliberates in closed session. After deliberations, a member of the committee submits their written recommendation to either the graduate or the undergraduate associate dean in The College of Liberal Arts and Sciences. At that time, the respective associate dean takes final action after fully considering the committee's recommendation. The associate dean informs the student, instructor, department chair or school director (if any), registrar (if appropriate), and Student Affairs and Grievances Committee of any action taken. The decision of the dean is final.

It is university policy that students filing grievances and those who are witnesses are protected from retaliation. Students who believe that they are victims of retaliation should contact the Office of University Rights and Responsibilities [9].

For the purposes of this process, business days are defined as days the university is open.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [10].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [11] website.

Undergraduate policies

Student responsibilities

Students enrolling in courses offered by The College of Liberal Arts and Sciences are expected to follow the rules and deadlines specified in this catalog pertaining to enrollment, adding or dropping classes, withdrawals and tuition payment.

Students are encouraged to meet with their academic advisors regularly. Students with additional questions regarding the academic rules of The College and the university are welcome to meet with their academic advisor. Academic advisor contact information and appointment scheduling tools are available on My ASU [12] under the Academic Support Team heading.

In addition, students must understand and follow the requirements for the university's general studies policy [13] and undergraduate graduation requirements policy [14] in their edition of ASU's academic catalog. The academic catalog is the governing source for all degree requirements.

Academic standing

The standards for GPA and the terms of academic warning, academic probation or continuing probation, disqualification and reinstatement are identical to those of the university, as set forth under the retention and academic standards policy [15].

After students are placed on academic warning or probation, one of three things can happen:

1. They can return to academic good standing by raising the cumulative GPA to 2.00 or higher.
2. They can remain on probation by earning the required semester GPA of at least 2.00 but not raising the cumulative GPA to academic good standing. Students may continue on academic probation, earning the required semester GPA, for as many semesters as it takes to raise the cumulative GPA to academic good standing.
3. They can be disqualified if they fail to achieve the required semester GPA of 2.00.

Students who are on academic probation are placed in a hold that prevents future enrollment. To remove the hold, students must complete a Canvas Academic Success Planner.

Students who are placed on academic warning or academic probation are required to interact with their major academic advisor in each term they remain on continuing probation before enrollment in subsequent terms. On-campus students are required to take UNI 220, and online students are strongly encouraged to take the course as well.

Students who leave the university for a semester or longer while on academic probation are automatically readmitted, except when reapplying to degree programs in the Hugh Downs School of Human Communication, which has specific readmission criteria. Students should review the reinstatement and readmission portion of this page for more information about policies and procedures.

Students who fail to meet the minimum semester GPA of 2.00 in the fall or spring semester after being placed on academic probation are disqualified from further attendance at Arizona State University for a minimum of one semester. Students who are academically disqualified should contact their academic advisor to discuss options for returning to ASU.

Academic advising

All students are encouraged to seek academic advising before registering for courses each semester. Academic advisor contact information and appointment scheduling tools are available on My ASU [12] under the Academic Support Team heading.

eAdvisor

eAdvisor [16] provides students with the tools to successfully follow their major map or curriculum checksheets for graduation and assists students with:

- learning more about graduation requirements for their majors
- discerning what courses and grades are required to stay on track to successfully complete their degrees
- planning for and scheduling appropriate courses in the correct sequence to maximize success
- monitoring progress toward their degrees
- finding out how courses may fit into other majors if they decide to change majors or add concurrent degrees

Academic advising locations

The College of Liberal Arts and Sciences continuing on-campus students and all new and continuing online students should seek academic advising in the department or school [17] of their major.

All on-campus first-year students and newly admitted transfer students in The College of Liberal Arts in Sciences should seek academic advising with advisors located in the Academic Advising Hub on the first floor of Armstrong Hall.

The Office of Student and Academic Programs, in Armstrong Hall, first floor south, is the central resource center for academic information in the college. Clarification of rules, procedures and academic advising needs of The College and university should be directed to that office. The Office of Student and Academic Programs also provides information on policies and procedures regarding academic integrity, student grievances with respect to grades, and various petitions involving college and university degree and graduation requirements.

Required advising

The following groups of students are required to consult with their academic advisor before they are eligible to register for courses:

- all students registering for their first semester at ASU
- first-year students registering for their second semester at ASU (Successful completion of LIA 101 class assignment meets the academic advising requirement.)
- students on academic probation or continuing probation
- students newly readmitted to the university
- students who are off track in their major

Students listed above should consult an advisor in the department or school of their major. Disqualified students seeking readmission should first apply to the university for readmission [18]. Once students have been readmitted to ASU, they should consult an academic advisor in the department or school of their major.

Advising for preprofessional programs

Professional field	Advisor location
Dentistry	ARM 112
Foreign Service	Diplomat in Residence, Antoinette Hurtado HurtadoAC@state.gov
Law	ARM 112
Medicine	ARM 112
Ministry	School of Historical, Philosophical and Religious Studies, COOR 3309
Occupational therapy	ARM 112
Optometry	ARM 112
Pharmacy	ARM 112
Physical therapy	ARM 112
Physician assistant	ARM 112
Veterinary medicine	ARM 112

Health professions

Students who plan to pursue a health profession should meet regularly with the preprofessional advising staff [19] located in the Futures Center (ARM 112). For each of the health-related fields listed above, specific courses must be taken to complete graduate or professional school prerequisites and to prepare for required standardized admission exams (e.g., MCAT). To schedule a meeting with a pre-health advisor, students should email prehealthtempe@asu.edu, or they can visit Handshake [20].

Prelaw

Students who plan to pursue a law-related profession should seek guidance from the preprofessional advising staff [21] located in the Futures Center (ARM 112). There are no specific course requirements for entrance into law school. Courses that engage students in intense critical analysis and include substantial amounts of writing, however, are recommended, as are practical experiences outside the classroom (e.g., internships). Students can schedule a meeting with a prelaw advisor by emailing prelawadvising@asu.edu, or they can visit Handshake [20].

Credits, degrees and course registration

Credit requirement

All candidates for graduation with bachelor's degrees in The College of Liberal Arts and Sciences are required to complete at least 120 credit hours, of which at least 45 credit hours must consist of upper-division courses. A minimum cumulative ASU GPA of 2.00 is required for graduation.

Minors

The College of Liberal Arts and Sciences offers minors in many of its disciplines. All minors require a minimum of 18 credit hours in the discipline, with at least 12 of those credit hours as upper-division courses. Students should work with their major academic advisors to confirm that they are making the most effective choices to complete their minors. If there are additional questions regarding the minor, the major academic advisor consults with the department offering the minor.

Students may not use courses in their minors toward their majors, and, similarly, students may not use courses in their majors to fill the requirements of their minors. Additionally, some disciplines may be too close in content for a student to choose a particular combination of minor and major.

Course load

Undergraduate students are normally limited to 18 credit hours per fall or spring semester (or nine credit hours each in sessions A and B) and 14 total credit hours per summer session (seven credit hours each in sessions A and B; nine credit hours in session C). The typical student course load is 15 or 16 credit hours for a full 15-week semester.

Students who wish to register for more than 18 hours must meet GPA criteria based on the number of additional credit hours requested. Students should review the college's website for specific criteria, further guidelines and the course overload petition form [22]. Students who meet these requirements may seek an overload for 19 or more credit hours (or up to 10 credit hours in either session A or B) from the academic advising office in the department or school of their major.

Students should not assume that their petition for overload will be granted. Overload requests are evaluated based on the student's most recent academic performance, cumulative performance and the reasons for requesting the overload. First-year students and transfer students are not permitted to receive course overloads for their first semester at ASU.

Pass/fail grade option

The pass/fail grade option is intended to broaden the education of liberal arts and sciences undergraduates by encouraging them to take advanced courses outside their specializations. A grade of "P" (pass) contributes to a student's earned credit hours but does not affect the GPA. A failing grade of "E" is computed into the GPA.

Students in The College of Liberal Arts and Sciences with at least 60 credit hours may take courses under the pass/fail option. The following conditions apply:

- Enrollment for the pass/fail option must be approved by both the instructor and the college offering the course, as well as the student's school or department. Permission is recorded on the pass/fail enrollment application form [23].
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the add period.
- A maximum of 12 credit hours taken for pass/fail may be counted toward graduation.

Students may not enroll under the pass/fail option in courses that are:

- taken to satisfy the second-language or first-year composition requirements
- required in the student's major, minor or certificate program
- counted toward or required to supplement the major
- counted as 499 Individualized Instruction
- taken for honors credit
- counted toward satisfying The College of Liberal Arts and Sciences graduation requirements or ASU general studies requirements

Audit grade option

Students may choose to audit courses in which they attend regularly scheduled class sessions but earn no credit. Students who wish to audit a course should obtain instructor approval before registering.
The audit grade option may not be changed after the add period.

Degree requirements

The College graduation requirements

All students in The College of Liberal Arts and Sciences must complete the university general studies requirements [13] and all requirements of their major. In addition, the college has established requirements that are specific to the Bachelor of Arts, Bachelor of Science and Bachelor of Science in Planning degrees.

Requirements for all undergraduates in The College of Liberal Arts and Sciences

All students are required to obtain a grade of “C” or better in MAT 114 or MAT 117, or in any MAT course that satisfies the general studies MATH or MA requirement. Students should note that many majors in The College require additional mathematics courses beyond those that fulfill the university general studies MATH or MA requirement.

Each student admitted as a first-time, first-year student is required to complete a first-year success course or first-year seminar. These courses are designed to introduce students to The College and help them understand what they need to do to be successful students at ASU. Topics include academic success, academic integrity and student engagement.

BA requirements

Students in BA degrees in The College have a language requirement. This requirement may be satisfied through one of the following:

- completion of second language coursework at the intermediate level (202 or equivalent)
- a second language course at the 300 level or higher that is taught in the foreign language and has 202 or its equivalent as a prerequisite
- demonstrated completion of secondary education at a school where the language of instruction is not English
- completion of ASL 202 American Sign Language IV or its equivalent

BS and BSP requirements

Each student pursuing a BS or BSP degree must complete six credit hours (two courses) of science and society courses [24]. At least one course must be completed at the upper-division level. Students should consult an advisor in the department or school of their major for a list of appropriate courses.

Major requirements

Each student is required to select a major from among the fields of study offered by The College. Curriculum checksheets list the requirements for completion of each degree program.

The department or school of the major may require up to 45 credit hours of coursework. The minimum is 30 hours. A maximum of 15 additional credit hours may be required in related courses and prerequisites. No more than 60 credit hours of coursework should be required to complete the major, related courses and prerequisites. Some departments require calculus-level mathematics, and up to five of these credit hours may be excluded from the 60 credit hour maximum because they satisfy The College's mathematics proficiency requirement. A minimum of 12 upper-division credit hours in the major must be taken from courses offered by The College of Liberal Arts and Sciences.

No credit is granted toward fulfilling major or minor requirements in any upper-division course in that subject field unless the grade in that course is at least a "C." In The College of Liberal Arts and Sciences, the assignment of a grade of "Y" (satisfactory) indicates a level of performance that would have resulted in a grade of at least "C" had the normal grading scheme been used.

Students should consult curriculum checksheets for other minimum grade requirements.

Major fields of study are classified into the following three areas:

Humanities [25]

- Global Asia studies
- Asian languages (Chinese/Japanese)
- culture, technology and environment
- English*
- film and media studies
- French
- German
- history*
- international letters and cultures
- Italian
- Jewish studies
- philosophy
- religious studies
- Russian
- Spanish

Natural sciences and mathematics [26]

- actuarial science
- astronomical and planetary sciences
- biochemistry
- biological sciences
- biophysics
- chemistry
- computational mathematical sciences
- data science
- earth and environmental sciences
- earth and space exploration
- mathematics
- microbiology
- molecular biosciences and biotechnology
- neuroscience
- physics
- psychology
- technological leadership

Social sciences [27]

- African and African American studies
- American Indian studies
- American studies
- anthropology
- applied mathematics for the life and social sciences
- Asian Pacific American studies
- civic and economic thought and leadership
- communication
- economics
- family and human development
- gender, women and sexuality studies
- geographic information science
- geography
- global health
- global studies
- international relations
- justice studies
- meteorology-climatology
- political science
- politics and the economy
- sociology
- transborder Chicana/o and Latina/o studies
- urban planning

*These degree programs offer a concentration in secondary education.

General electives

Most liberal arts and sciences majors can meet all the requirements stated above with fewer than the 120 credit hours required for graduation. Remaining hours are general electives that may be selected from any of the departments of The College of Liberal Arts and Sciences or from the offerings of other ASU schools and colleges.

Concurrent and second baccalaureate degrees

To complete a second baccalaureate degree or concurrent degree, students must earn at least 30 distinct credit hours applied toward the requirements for each major's degree.

Specific combinations of degrees [28] may be deemed inappropriate.

Pursuing a concurrent degree in The College of Liberal Arts and Sciences requires approval. To request pursuit of a concurrent degree, students must have completed at least 30 credit hours, have completed at least one fall or spring semester at ASU, and have a minimum GPA of 2.00. Students should visit the college's concurrent degree checklist [29] for more information on pursuing a concurrent degree.

Reinstatement/readmission

Students who have been academically disqualified from the university and have not attended for at least one regular semester can earn readmission [30] to the college and to their majors. The first step for students seeking readmission is to complete the undergraduate admission application [31]. Students should work with the academic advisor in the desired

major to discuss a plan and strategies for being readmitted to ASU. The plan may include taking coursework at a two-year college or taking ASU summer classes, or both, and meeting specific GPA requirements to demonstrate readiness to return to ASU.

Disqualified students who were off track for two or more semesters at the time of their disqualification are not automatically readmitted to their former majors.

Graduate policies

Students should consult their program handbooks or the individual school or department for information about requirements for graduate study.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all policies set forth by the Graduate College [32] and The College of Liberal Arts and Sciences. Any questions regarding graduate policies for the college can be directed to TheCollege-Grad@asu.edu.

Source URL: https://catalog.asu.edu/policies/liberal_arts

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://thecollege.asu.edu/resources/academic-integrity
[3] https://provost.asu.edu/academic-integrity/policy#accordion-content-962
[4] https://eoss.asu.edu/dos/srr/codeofconduct
[5] https://issc.asu.edu/
[6] https://eoss.asu.edu/sites/default/files/student_conduct_procedures_rev_6-23-2021_Cleryfinal.pdf
[7] https://asuacademicaffairs-advocate.symplicity.com/public_report/index.php/pid833134?
[8] https://thecollege.asu.edu/sites/default/files/2021-05/Student%20guidelines%20for%20Academic%20Grievance%2C%20Spring%202021.pdf
[9] https://urr.asu.edu/
[10] https://public.powerdms.com/ASU/documents/1541854
[11] https://www.asu.edu/reportit/
[12] https://webapp4.asu.edu/myasu/
[13] https://catalog.asu.edu/ug_gsr
[14] https://catalog.asu.edu/undergraduatereq
[15] https://catalog.asu.edu/retention_standing
[16] https://eadvisor.asu.edu/
[17] https://thecollege.asu.edu/advising/departments
[18] https://admission.asu.edu/apply/first-year/readmission
[19] https://prehealth.asu.edu/advising/tempe-campus
[20] https://asu.joinhandshake.com/login
[21] https://prelaw.asu.edu/about-advisors
[22] https://thecollege.asu.edu/advising/forms
[23] https://registrar.asu.edu/forms/application-pass-fail-enrollment
[24] https://thecollege.asu.edu/student-resources/science-society
[25] https://humanities.thecollege.asu.edu/
[26] https://thecollege.asu.edu/about/academics/natural-sciences
[27] https://thecollege.asu.edu/about/academics/social-sciences
[28] https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees
[29] https://thecollege.asu.edu/concurrent-checklist
[30] https://admission.asu.edu/apply/first-year/readmission
[31] https://webapp4.asu.edu/uga_admissionsapp
[32] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

Edson College of Nursing and Health Innovation policies

The Edson College of Nursing and Health Innovation may need to implement new policies, protocols and procedures to comply with accreditation, regulatory or clinical health care agency requirements; therefore, policies, protocols and procedures are subject to change. Students should confirm current policies, protocols and procedures for clinical placements with the respective student handbook [1].

Students should contact the college's Student Academic Services office at 602-496-0888 or edsoncollege@asu.edu with any questions about college policies.

Academic and professional integrity

Academic honesty is expected of all students. The Edson College of Nursing and Health Innovation adheres to the ASU Student Code of Conduct [2], the ASU academic integrity policy [3], and the college academic and professional integrity protocol located in student handbooks [4]. Academic dishonesty is not tolerated in any course and is subject to specific Edson College of Nursing and Health Innovation policies and procedures. Possible sanctions include appropriate grade penalties, disqualification and dismissal.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [5].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [6] website.

Equal access

Students with a disability who have need of assistance or special accommodations can find information about support and access as well as contact information through Student Accessibility and Inclusive Learning Services [7]. Students requesting accommodations for a disability must register with SAILS and must submit appropriate documentation to the instructor from SAILS. For more information, students are asked to review ASU policy SSM 701-02: Eligibility for Accommodations--Required Disability Documentation [8].

Undergraduate policies

Academic standing

University standards for academic good standing [9] are followed for all majors in the college. Students who do not maintain the minimum GPA after each fall or spring semester are placed on academic probation. Students on academic probation or continuing probation must meet with an academic advisor before registering for the subsequent semester. Students placed on academic probation have one semester to raise their cumulative or semester GPA to meet the criteria for academic good standing; otherwise, they may be disqualified. Disqualified students are not permitted to enroll in the fall or spring semesters.

- University academic warning: An undergraduate student with a cumulative GPA lower than 2.00 at the end of their first semester (fall or spring) is considered to be in university academic warning status.
- University academic probation: An undergraduate student is placed on university academic probation if, at the end of a semester (fall or spring) that is not the student's first semester at ASU, the student has a cumulative GPA lower than 2.00 or the student received an academic warning in the prior term.

- Continuing probation: A student is considered to be on university continuing academic probation each semester (fall or spring) that student (previously on university academic probation) earns a semester GPA higher than 2.00 but has a cumulative GPA lower than 2.00.
- Disqualification: A student on university academic probation who does not earn a semester GPA of 2.00 or higher (fall or spring) is disqualified. Students who are disqualified are not permitted to enroll at ASU in any subsequent fall or spring semester unless they are readmitted.

eAdvisor tracking [10] focuses on students who initially enroll as full-time, first-year students, and the tool tracks their progress during their first four semesters. It identifies and outlines the critical courses, GPA requirements and milestones that predict success in each major. Students use major maps, curriculum checksheets or progress reports to plan which courses to take each semester.

Students in the Bachelor of Science in Nursing traditional prelicensure clinical nursing program, in alignment with continuing eligibility criteria, are required to change their major if they are off track for one semester.

Students pursuing the RN to BSN or concurrent enrollment program or who are enrolled as a postbaccalaureate student (pursuing a second degree) are not critically tracked.

Advising

Academic advising is an essential aspect of the educational experience and is provided by the college through the Student Academic Services office. Academic success advisors assist students with program planning, registration, preparation of petitions, verification of graduation requirements, referrals to university and community resources, and career planning. It is ultimately the responsibility of each student to fulfill academic and program requirements.

ASU accepts coursework transferred from other accredited institutions, and the Edson College of Nursing and Health Innovation determines if and how the courses are applied.

To learn more about how to meet with an advisor, students can visit Edson College Advising [11].

Mandatory advising

Advising is required for:

- newly admitted students (all first-year students and new undergraduate transfer students) before they register for courses for the first term
- students who are not making satisfactory progress (academic warning, probation, continuing probation); these students are required to meet with an academic advisor to plan strategies for improving academic standing

Credit and registration

Course load

Students who wish to register for more than the maximum allowable credits in a term must contact their academic advisor to request an overload before registration. Their assigned advisor reviews the criteria for any overloads.

All upper-division nursing courses must be taken for a letter grade, except for selected clinical courses in the prelicensure program that are taken for "P" (pass) or "Y" (satisfactory).

Degree requirements

Nursing course grades and currency

Students in nursing programs must earn grades of "C" (2.00) or higher in all nursing coursework, except in nursing practice courses in which a designation of a "Y" (satisfactory) or "P" (pass) grade is required. In addition, students are allowed only one nursing course failure (i.e., grade below "C"). The second failure in a nursing course results in disqualification from the nursing major.

For the undergraduate and graduate prelicensure clinical nursing programs, science courses, which include CHM 101, BIO 201, BIO 202, MIC 205, MIC 206 and HCR 240, must be completed within seven years of the program start date.

Undergraduate and prelicensure graduate nursing courses (prefix: NUR) expire after five years. After course expiration, students must re-enroll in the course and must earn a grade of "C" or higher. Students may earn university elective credit for the original course.

Concurrent degrees

Concurrent degrees are multiple degrees with one conferral date. The student receives both degrees at the same time regardless of whether coursework for one degree is completed before coursework for the other degree. To pursue concurrent degrees, students must be in good academic standing.

A student desiring to pursue a concurrent degree program must submit a request [12] to add the concurrent degree.

The Edson College of Nursing and Health Innovation reviews the student's concurrent degree request. Concurrent degrees may not be from the same discipline or have significant overlap in the courses required for each major.

Both a student's current school and college, and the one offering the degree program being requested must approve the request. Fully approved requests are forwarded to the university registrar for notation on the student's record.

To remove a concurrent degree, the student should email edsoncollege.advising@asu.edu. The email should include the student's full name and ASU ID number and specify the degree that the student wants to remove from the academic record. The student must indicate if they wish to retain any minors they are pursuing.

Prelicensure nursing: Additional courses, concurrent degrees, minors, leaves of absence, and study abroad

Additional coursework: Students in the prelicensure nursing programs are not eligible to enroll in additional courses during the program without program approval. Students are not permitted to enroll in additional courses during their first semester in the program, with the exception of honors research or thesis hours. Students may submit a petition with their assigned advisor to request additional courses after they have completed their first semester. A review of the student's academic progress in the program is taken into consideration.

Concurrent degrees and minors: Students in the prelicensure nursing programs may be ineligible for concurrent degrees or minors if the plan includes taking additional coursework during the prelicensure nursing program semesters or if the plan delays graduation from the BSN program. Prelicensure students should consult with their advisor to review their proposed plan of study for a concurrent degree or minor to discuss what might be possible.

Leaves of absence: Students in the prelicensure nursing programs may petition for a leave of absence by meeting with their advisor. Clinical site placement is limited, and leave of absence requests are reviewed carefully. Leaves of absence from a prelicensure nursing program are only considered for students who have successfully completed their first semester in the program and have a detailed justification, with supporting documentation, for the leave. Approvals are not guaranteed.

Study abroad: Students who plan to advance to the prelicensure nursing programs must complete any study abroad experiences before they begin the program or during summers (for programs that do not have summer courses in the plan of study). A study abroad experience is not an approved reason for a leave of absence from the required plan of study once the student has advanced into a prelicensure nursing program. Students also may not postpone BSN graduation for a study abroad experience.

Reinstatement/readmission

Undergraduate students disqualified from ASU must follow the procedures for readmission [13]. Applications for reinstatement and readmission are subject to rigorous requirements that reflect admission and progression standards.

Other special requirements

Special note: The Edson College of Nursing and Health Innovation periodically needs to implement new policies, protocols and procedures to comply with accreditation, regulatory or clinical health care agency requirements; therefore, policies, protocols and procedures with respect to clinical placement are subject to change. Students should confirm current policies, protocols and procedures by referring to the student handbooks [1].

Professional licensure

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Certification and licensure requirements vary by profession and from state to state, and students should review professional licensure information [14] for whether a program meets educational requirements for licensure or certification in a specific state. Students and prospective students are strongly encouraged to contact the state's licensure entity where they intend to practice using the links provided on the professional licensure page to review all licensure and certification requirements imposed by the state of choice.

State authorization

As a participating National Council for State Authorization Reciprocity Agreements institution, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with NC-SARA established policies and standards. SARA has no effect on state professional licensing requirements. ASU may offer academic programs at ASU at Los Angeles that are approved to operate by the California Bureau for Private and Postsecondary Education. To learn more about how ASU is authorized to operate in a specific state, policies for out-of-state students and program exceptions, students should review the ASU state authorization [15] webpage.

Graduate policies

Additional policies

Academic advising

Prospective graduate students may receive information through the college recruitment office at 602-496-0937 or edsoncollege@asu.edu. Upon admission, each student is assigned an advisor within the degree program.

Handbooks

Students should review the student handbooks [1] for the Edson College of Nursing and Health Innovation for information regarding graduate academic procedures and protocols.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College [16] and the Edson College of Nursing and Health Innovation.

Source URL: https://catalog.asu.edu/policies/nursing

Links:
[1] https://nursingandhealth.asu.edu/student-life/policies-handbook
[2] https://eoss.asu.edu/dos/srr/codeofconduct
[3] https://provost.asu.edu/academic-integrity/policy
[4] https://nursingandhealth.asu.edu/students/policies-handbook
[5] https://public.powerdms.com/ASU/documents/1541854
[6] https://www.asu.edu/reportit/
[7] https://eoss.asu.edu/accessibility
[8] https://public.powerdms.com/ASU/documents/1560606
[9] https://catalog.asu.edu/retention_standing#goodstanding
[10] https://eadvisor.asu.edu/#nav-eadvisor-tracking

[11] https://nursingandhealth.asu.edu/students/advising
[12] https://students.asu.edu/concurrent-degrees
[13] https://admission.asu.edu/apply/first-year/readmission
[14] https://admission.asu.edu/academics/licensure
[15] https://admission.asu.edu/academics/authorizations
[16] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

Watts College of Public Service and Community Solutions policies

Watts College of Public Service and Community Solutions believes that students are its greatest resource. The college strives to put the well-being of students at the center of every policy and program. Each student situation is specific, and students are encouraged to work directly with the advising staff to address concerns and issues within the stated policies and procedures.

Academic integrity

Watts College of Public Service and Community Solutions' academic integrity process models the ASU process [1]. Students can find more information about academic integrity at the Public Service and Community Solutions website [2].

Academic grievances

Students who have academic grievance issues should review the college's grievance process [3] for more information on the process, including next steps.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU’s policy ACD 401: Prohibition Against Discrimination, Harassment, and Retaliation [4].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [5] webpage.

Undergraduate policies

Academic standing

Students in the Watts College of Public Service and Community Solutions are considered to be in good standing for the purpose of retention if they maintain a cumulative GPA of 2.00 or higher in all courses taken at ASU. Certain majors within Public Service and Community Solutions may require a progressively higher GPA than 2.00 as a student advances toward their degree. These requirements are outlined in those degrees’ curriculum checksheets or major maps.

Changing majors

A student who wishes to change their major to one offered by the Watts College of Public Service and Community Solutions should have a GPA of 2.00 or higher.

Probation

Any student who does not maintain good standing is placed on academic probation. A student on academic probation is required to observe any limitations or rules the college may impose as a condition for retention.

Disqualification

A student who is on probation becomes disqualified if either of the following occurs:

- The student has not returned to good standing.
- The student has not met the required semester GPA.

Disqualification is exercised at the discretion of the college and becomes effective on the first day of the fall or spring semester following college action. A disqualified student is notified by the college and is not allowed to register for a fall or spring semester at the university until reinstated. A student who is disqualified may not attend as a nondegree student.

Advising

Watts College of Public Service and Community Solutions offers undergraduate academic advising at the West Valley, Downtown Phoenix and Tucson campuses. The mission of the college's professional academic advising staff is to assist students in developing meaningful educational plans for meeting their academic, career and personal goals. This is done through an ongoing process of evaluation and clarification. The advisors strive to perform their duties in a professional, ethical, confidential, accurate and supportive manner, respecting student diversity and needs and always holding the individual in the highest regard. The student and advisor should accomplish this process in a spirit of shared responsibility to help the student develop academic excellence, strong decision-making skills and self-reliance. A student who has been admitted to Watts College of Public Service and Community Solutions works with professional advisors and student services staff with expertise in the student's major area of study. Questions about advising should be directed to the student's advising team or to the Public Service and Community Solutions student services office.

Contact information and the college's mission statement can be found on the college's advising page [6].

Mandatory advising

Students in the following categories are required to receive advising and be cleared by a program advisor before they may register for classes:

- all students majoring in social work
- disqualified students interested in attending ASU
- first-time, first-year students, for both semesters during their first year at ASU
- readmission students [7] interested in returning to ASU
- students on academic probation
- students who are off track according to eAdvisor [8] tracking requirements
- students with admission competency deficiencies
- students with special admission status
- transfer students before enrolling for their first semester at ASU

Credit and registration

Course load

A normal course load per semester is 15 or 16 credit hours. The maximum number of credit hours for which a student can register is 18 (fall or spring semesters) unless an overload petition has been approved by the department or school standards committee and dean or dean's designee.

Semester course loads may be further limited for students in mandatory advising status. Petitions for overload ordinarily are not approved for students who have a cumulative GPA lower than 3.00 and who do not state valid reasons for the need to register for the credits.

Students who register for an excess of 18 credit hours and do not have an approved overload petition on file may have courses randomly removed through an administrative drop action. Specific degree requirements are explained in detail under the respective college, school and department sections.

Withdrawal

Medical or compassionate withdrawal

Medical or compassionate withdrawals may be considered when incompletes or other arrangements with instructors are not available or when restricted withdrawals and other enrollment options are not possible.

To receive a medical or compassionate withdrawal, students must complete these steps:

1. Fill out this form [9] to request an medical/compassionate withdrawal form.
2. Gather all documentation.
3. Review financial implications [10] and confer with financial aid [11].
4. Fill out the DocuSign form when it is sent out.
5. Email all supporting documentation to publicservicemcw@asu.edu or attach directly to the DocuSign form.
6. Wait 7-10 business days for processing and monitor My ASU for changes.

Watts College of Public Service and Community Solutions allows a maximum of three medical or compassionate withdrawals over the course of a degree program. Multiple requests for the same circumstances using the same documentation will not be approved. For a new request to be considered for the same circumstances, substantial new information or documentation is required.

A medical withdrawal may be requested when extraordinary circumstances, such as a serious illness or injury, prevent the student from continuing classes. This policy covers both physical health and mental health difficulties.

A compassionate withdrawal may be used in extraordinary cases in which a significant personal situation (for example, the serious illness of a child or spouse, or the death of a close family member) prevents a student from continuing in classes.

More information about the required documentation components can be found on the college website [12].

Degree requirements

Interdisciplinary public service requirement

Watts College of Public Service and Community Solutions has a college-level graduation requirement for all undergraduate students majoring within the college. This degree requirement is called the interdisciplinary public service requirement. Each student must complete coursework from other schools within the college. Students may choose a core course from their major and two courses from the approved course list for this requirement, in addition to completing ASU 101-CPP The ASU Experience, which must be completed in the first year at ASU; the other courses can be taken while completing the degree. The approved course list for each catalog year is available on the major map or curriculum checksheet. Questions about this requirement should be directed to a Public Service and Community Solutions academic advisor [6].

Solutions-based learning requirement

Watts College of Public Service and Community Solutions has a second college-level graduation requirement for all undergraduate students majoring within the college. This degree requirement is called the solution-based learning requirement. Each student must complete coursework from their school or another school within the college that has an SBL designation. Students must choose a course from the SBL list to meet this requirement. The approved course list for each catalog year is available on the major map or curriculum checksheet. Questions about this requirement should be directed to a Public Service and Community Solutions academic advisor [6].

Concurrent degrees

Watts College of Public Service and Community Solutions supports students who wish to pursue concurrent degrees. Students earn a separate diploma for each degree. Degrees may not be too closely related and are reviewed by an academic advisor during the approval process.

The structure of a student’s academic program is customized to meet degree requirements for both programs of study. Students are encouraged to meet with an academic advisor from each degree to establish a feasible program of study and to start the concurrent degree approval process. If a student is adding a concurrent major from outside the college, the university approval process [13] must be completed for both Watts College of Public Service and Community Solutions and the college of the other major.

Reinstatement/readmission

Students seeking reinstatement after disqualification should contact Watts College of Public Service and Community Solutions student services office regarding procedures and guidance for returning to good standing. When reinstatement includes readmission, application must be made through the ASU readmission process [7]. All academic disciplinary action is the function of the Watts College of Public Service and Community Solutions student services office under the direction of the dean of the college. Students who are having academic problems should contact Watts advising at 602-496-1658 or see the college's academic advising page [6].

Graduate policies

Advising

Advising is usually handled by a professional academic graduate advisor, graduate faculty or a committee. Once admitted, each student is typically assigned an advisor in their degree's department; this advisor assists in planning a course of study. For degree programs that require the completion of a thesis or dissertation, a chairperson and thesis or dissertation supervisory committee is selected by the student, approved by their degree program's director of graduate studies, and appointed by the dean of the Graduate College. Each graduate degree program in Watts College of Public Service and Community Solutions has its own set of policies regarding academic performance expectations. Students should contact their graduate advisor to review policies relevant to their degree.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College [14] and Watts College of Public Service and Community Solutions.

Source URL: https://catalog.asu.edu/policies/public_programs

Links:
[1] https://provost.asu.edu/academic-integrity
[2] https://publicservice.asu.edu/student-life/academic-integrity
[3] https://publicservice.asu.edu/student-life/academic-grievances
[4] https://public.powerdms.com/ASU/documents/1541854
[5] https://www.asu.edu/reportit/
[6] https://publicservice.asu.edu/student-life/advising
[7] https://admission.asu.edu/apply/first-year/readmission
[8] https://eadvisor.asu.edu/
[9] https://docs.google.com/forms/d/e/1FAIpQLSfSFoGiLfXscwvuj1vESLk4oCzvIE-cILQJFW8OQz08cy7sJA/viewform
[10] https://tuition.asu.edu/policies/fa-withdrawal
[11] https://my.asu.edu/service
[12] https://publicservice.asu.edu/student-life/medical-compassionate-withdrawal
[13] https://students.asu.edu/concurrent-degrees
[14] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

Mary Lou Fulton College for Teaching and Learning Innovation policies

ASU’s Mary Lou Fulton College for Teaching and Learning Innovation creates knowledge, mobilizes people and takes action to improve education. Faculty create knowledge by drawing from a wide variety of academic disciplines to gain insight into important questions about the quality of teaching and learning and the performance of education systems. The college mobilizes people through bachelor's, master's and doctoral degree programs; through nondegree professional development programs; and through socially embedded, multilateral community engagement. Mary Lou Fulton College for Teaching and Learning Innovation takes action by bringing people and ideas together to increase the innovation capabilities of individual educators, schools and organizations, districts and communities.

Mary Lou Fulton College for Teaching and Learning Innovation embraces a core value of Principled Innovation® by holding itself accountable to three imperatives:

Economic imperative: To prepare learners for the next economy.

Democratic imperative: To prepare students to become part of an educated citizenry capable of assuming the responsibilities of self-government and of participating in a thriving civil society.

Equity imperative: To deliver equitable and excellent education to all learners.

For more information, students should visit the Mary Lou Fulton College for Teaching and Learning Innovation [1] website.

Academic integrity

No matter the stage of educational or professional career pursuits, acting with integrity is a cornerstone of leadership and good citizenship. Integrity is a character-driven commitment to honesty, acting in accordance with professional ethical behavior, and guiding others to do what is right. Arizona State University students are expected to act with integrity in their educational pursuits.

Violations of academic integrity fall into five broad areas:

1. cheating on an academic evaluation or assignment
2. plagiarizing
3. engaging in academic deceit, such as fabricating data or information
4. aiding others in academic integrity policy violations or inappropriately collaborating
5. falsifying academic records

At ASU, academic integrity is expected of all students in all examinations, papers, projects, academic transactions and records, including student and apprentice teaching reporting. The possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the student academic integrity policy [2].

The academic integrity officer [3] handles all questions and concerns related to academic integrity violations in the Mary Lou Fulton College for Teaching and Learning Innovation. Both students and faculty can contact the academic integrity officer to report an academic integrity violation or to ask questions related to academic integrity policies and procedures.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [4].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of

Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [5] website.

Satisfactory academic progress and professional conduct policy

To remain in good standing in Mary Lou Fulton College for Teaching and Learning Innovation, students must maintain satisfactory academic progress consisting of both standards of academic performance and adherence to the Teachers College Professional Disposition Standards, as described in this policy. This document sets forth the standards and expectations for "satisfactory academic progress" and "good standing" and explains the consequences of failure to meet these standards. This policy applies to undergraduate students and graduate students in the Mary Lou Fulton College for Teaching and Learning Innovation.

In addition to adhering to the policies stated herein, students are expected to abide by applicable university and Arizona Board of Regents policies, including the Student Code of Conduct [6], the ASU academic integrity policy [2] and ASU Graduate College policies and procedures [7] (for graduate students), as well as all policies, procedures, rules, regulations and requirements established by the local education agency, school district and school in which they are engaged in field experience or student teaching (for certification students). Consequences for the failure to do so may include dismissal from the program and expulsion from the university. Graduate students should also refer to the ASU Graduate College [8] website for further information about Graduate College policies.

Section I: MLFC standards of academic performance

A. Satisfactory academic progress

Advisors conduct ongoing reviews of students' academic performance to determine retention and continuation status. Students with records that contain indicators of academic concerns may be placed on academic probation or may be dismissed (permanently removed) from their programs or the college. (Graduate students should refer to ASU Graduate College policies.)

To meet satisfactory academic requirements, all MLFC students must:

1. Maintain minimum GPA as follows:
    - Undergraduate students must maintain an overall cumulative GPA of 2.00 or higher.
    - Graduate students must maintain at least a 3.00 on the following three GPAs every semester.
        - Plan of study GPA. The plan of study GPA is calculated on all courses that appear on the student's approved iPOS.
        - Overall graduate GPA. The overall graduate GPA is calculated on all courses numbered 500 or higher that appear on the transcript, except courses that counted toward an undergraduate degree at ASU (unless shared with a master's degree in an approved bachelor's/master's degree program) and courses identified as outstanding in the original letter of admission.
        - Cumulative GPA. The cumulative GPA represents all courses completed at ASU during each graduate career.
2. Achieve specific course grades as outlined below:
    - Undergraduate students should refer to their major map or curriculum checksheet, which outlines courses that require a minimum "C" grade.
    - Master's degree and graduate certificate students must earn a grade of "B" or higher in culminating experience courses (applied project, thesis, capstone, etc.)
    - Doctoral students carrying more than three credits of "I" grades are considered as not making satisfactory academic progress.
3. Pass all required upper division professional experiences, including traditional and job-embedded internships (to include internships embedded in courses), and student teaching, with a grade of "C" or higher.
4. Maintain good standing as outlined in the Standards for Professional Disposition section.
    - Students who violate professional responsibilities may be placed on college academic probation or suspension, or they may be recommended for dismissal.

5. Graduate students must remain continuously enrolled in their graduate program. Failing to do so without a Graduate College-approved leave of absence is considered lack of academic progress and may result in the Graduate College withdrawing students from the program. See the complete Graduate College leave of absence policy for more details.
    - Students may maintain continuous enrollment through any of the Graduate College-approved methods. However, multiple semesters of enrollment in continuing registration (595, 695, 795) may be considered lack of academic progress.
6. Doctoral students must pass comprehensive exams by the end of the sixth academic-year semester of enrollment; pass a proposal defense by the end of the seventh academic-year semester of enrollment; and pass a dissertation final defense by the end of the 11th academic-year semester of enrollment.
7. All graduate students must satisfy the maximum time limit for graduation for the student's graduate program (six years for master's degrees and certificates, 10 years for doctoral degree); see the "Time Limit" section of the Graduate College Policy Manual.
    - Students who are in danger of not meeting the maximum time limit for degree completion are considered not meeting satisfactory academic progress and may be placed on academic probation.

The following applies to students enrolled in accelerated bachelor's to master's degree programs:
Students enrolled in a Bachelor of Arts in Education to accelerated master's program, also known as an accelerated master's program, are considered undergraduate students until all undergraduate requirements have been met. Undergraduate students enrolled in the accelerated master's program are eligible to enroll in graduate-level courses and seminars. However, they are not eligible for most graduate prerequisites, including teaching and research assistantships and related health insurance, financial aid or graduate award programs until the undergraduate degree is completed.

Students are reviewed on an ongoing basis to ensure academic progress in bachelor's and master's degree requirements. In addition to the requirements outlined above for undergraduate and graduate students, students enrolled in an accelerated master's degree program must meet the following requirements:

- Undergraduate students in an accelerated master's program before the awarding of their undergraduate degree must complete all their bachelor's degree requirements and graduate with their undergraduate degree within 12 months of the first day of the semester for which they were admitted to the accelerated program.
- Undergraduate students must maintain a 3.00 cumulative GPA from the time they apply to the program (at 75 credit hours completed in the BAE or BAS degree) to the time they begin taking graduate courses (at 90 credits completed in the BAE or BAS degree). A student must continue to maintain a GPA of 3.00 in all coursework. If a student's GPA drops below 3.00 between the time they are admitted to the accelerated master's program and the time they begin their coursework, their admission to the accelerated program may be revoked.
- If the student's GPA drops below the 3.00 requirement once they have started the accelerated master's program, the student falls under the policy for graduate students. The student will be allowed to complete their undergraduate degree but will no longer be able to complete the graduate degree as part of the accelerated program.

B. Unsatisfactory academic progress

Undergraduate students

College academic probation is imposed when an undergraduate student has a cumulative GPA below 2.00. An undergraduate student placed on college academic probation is required to meet with the MLFC coordinated care strategist to develop a support plan.

College academic suspension is imposed after an undergraduate student has been on college academic probation (a cumulative GPA below 2.00) for two consecutive semesters. An undergraduate student placed on college academic suspension may not progress to the next term until deficiencies have been resolved. Students on college academic suspension are required to meet with the MLFC coordinated care strategist to develop a support plan.

Graduate students

Students should carefully review ASU Graduate College policies [9], which apply in addition to the college policies. Students should pay special attention to the policies regarding GPA, time limit for degree completion, requirements for culminating experience courses, and continuous enrollment.

Deficiencies for graduate students include:

1. Plan of study GPA below 3.00.
2. Overall graduate GPA below 3.00.
3. Cumulative GPA below 3.00.
4. Earning a grade below "C" in any required course. Students must repeat the course in the next semester or session it is offered and earn a grade of "C" or higher.
5. Earning a grade below "B" in a culminating experience (applied project, capstone, thesis, etc.). Students must repeat the course in the next semester it is offered and earn a "B" or higher.
6. Failure to achieve a "C" or higher on the second attempt may result in recommendation for dismissal from the program.
7. Earning a grade of "I" or "W" in a required course, or carrying more than three credits of "I" for students in doctoral programs.

Graduate students who are placed on academic probation may not be permitted to complete culminating experiences (applied project, etc.) until they return to good standing. Doctoral students must be in good academic standing to complete comprehensive exams or to schedule oral defenses.

Note: Students may not be approved for traditional or job-embedded student teaching if they are on academic probation or academic suspension.

Professional experience deficiencies — undergraduate and graduate students

The following policies apply to both undergraduate and graduate students enrolled in initial teacher certification or administrator certification programs. Professional experiences refer to internships, courses with embedded internships (clinically-embedded courses), student teaching and apprentice teaching.

1. A student who fails a professional experience for reasons other than a placement release may be allowed to retake the professional experience one time if the reasons for failure are determined by college leadership to be remediable. If a student is permitted to retake the professional experience and fails to pass the second time, the student may be dismissed from the teacher or administrator certification program.
2. A student who withdraws from a professional experience for reasons other than an approved medical or compassionate withdrawal is required to meet with an academic advisor or success coach to develop a support plan. Repeated withdrawals from a professional experience may result in a recommendation for dismissal from the program.
3. In some cases, concerns occurring in the field may be untenable. These may include actions that cause the sponsoring school district or other organization to request a placement release or termination from a professional experience. Reasons include violations of professional disposition standards; violations of ASU code of conduct, district policy, or state or federal law; or other behavior deemed inappropriate. The associate director of teacher preparation determines, based on information from the faculty supervisor, the mentor teacher, the school district, other sponsoring organization, and the student, whether the student's actions warrant immediate dismissal from the teacher or administrator certification program without benefit of a period of academic probation, or the student will be allowed another attempt to pass.
4. A student whose paid professional experience placement is terminated by the school district for reasons unrelated to performance, such as a reduction in force, will not be recommended for academic probation or involuntary withdrawal on that basis alone. However, if the student does not secure another full-time teaching position, the student must complete the degree and certification requirements by transferring to a traditional certification pathway and successfully completing the requirements of that program. Professional experience coursework completed in the alternative pathway before loss of employment may apply to the traditional pathway with approval of the program.
5. Students enrolled in a course with an embedded internship (clinically embedded course) who do not successfully complete the internship component will not be eligible to pass the course.

Note: Students enrolled in Applied Behavior Analysis Practicum (SPE 580) must follow the policies and procedures found in the ABA Practicum Handbook provided as part of the course.

C. Reinstatement to good academic standing

To be restored to good academic standing:

1. A student must improve GPA and course grades to meet the academic performance requirements. Graduate students must meet the academic performance requirements of MLFC and academic progress requirements outlined by the Graduate College.
2. Students must meet the expectations of any professional improvement plan related to satisfactory academic progress or professionalism while in the program.
3. Graduate students must meet satisfactory academic progress requirements as stated by the Graduate College.

Note: A student on academic probation or academic suspension for lack of satisfactory progress in one area (e.g., academic progress or professional responsibilities) who subsequently fails to maintain good standing in the other area is recommended for dismissal. Return to good standing requires satisfactory progress in both areas during the time on probation. Sequential semesters of probation for repeated failures to maintain satisfactory progress is not considered.

D. Academic integrity

Regardless of the stage of educational or professional career pursuits, acting with integrity is a cornerstone of leadership and good citizenship. Integrity is a character-driven commitment to honesty, acting in accordance with professional ethical behavior, and guiding others to do what is right. Arizona State University students are expected to act with integrity in their educational pursuits.

Violations of academic integrity fall into five broad areas that include but are not limited to:

- aiding others in academic integrity policy violations or inappropriately collaborating
- cheating on an academic evaluation or assignment
- engaging in academic deceit, such as fabricating data or information
- falsifying academic records
- plagiarizing

At Arizona State University, academic integrity is expected of all students in all examinations, papers, projects, academic transactions and records, including student teaching reporting. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the academic integrity policy. This policy sets forth the ASU student academic integrity policy [2] and appeal procedures.

The academic integrity officer handles all questions and concerns related to academic integrity violations in the Mary Lou Fulton College for Teaching and Learning Innovation. Both students and faculty can contact the academic integrity officer [3] to report an academic integrity violation or to ask questions related to academic integrity policies and procedures.

Section II: MLFC standards for professional disposition

The professional dispositions are the essence of what the college believes to be the ideal of educator professionalism. These dispositions are pieces of ourselves that contribute to the moral and ethical decision making — the practical wisdom — necessary to uphold policies, laws and regulations that are relevant to professional educator conduct, as well as to navigate moral dilemmas that arise in education that have no clear right answer and cannot be solved by simple adherence to policies and procedures. These educator dispositions also guide the personal and professional practices that support the well-being of our learners, colleagues and ourselves.

As professional educators, Mary Lou Fulton College for Teaching and Learning Innovation is committed to developing and demonstrating these dispositions through the eight practices of Principled Innovation® [10]. MLFC embraces Principled Innovation® as its core value. Principled Innovation® informs how the school does everything, in areas as diverse as navigating large-scale systems change and the everyday decisions that affect the lives and learning of other people. The

moral, civic, intellectual and performance dispositions at the heart of Principled Innovation®, also referred to as character assets [11], are the essence of the ideal of educator professionalism.

A. These professional dispositions are assessed by faculty, staff, cooperating teachers, school districts and community partners.

All MLFC students are expected to demonstrate the following:

Disposition 1: Demonstrating professional practice and demeanor

Evidenced by:

1. knowing and upholding the policies, laws and regulations relevant to professional educator conduct in the classroom, in the field and in the profession, regardless of one's personal views
2. adhering to the ASU Student Code of Conduct
3. monitoring and maintaining sound mental, physical and emotional health necessary to perform duties and services in any professional environment and taking appropriate measures when personal- or health-related issues may interfere with work- or program-related duties and responsibilities
4. refraining from professional or personal activity that may lead to reducing one's effectiveness in the classroom or community
5. taking responsibility and credit only for work actually performed or produced and acknowledging work and contributions made by others
6. appropriately recognizing others' work by citing data or materials from published, unpublished or electronic sources when disseminating information

Disposition 2: Receive and act upon professional feedback

Evidenced by:

1. reflecting upon and assessing one's professional skills, content knowledge and competency on an ongoing basis
2. accepting the responsibilities, performing duties and providing services corresponding to the area of certification, licensure and training of one's position
3. using the ethical code of conduct specific to one's discipline to guide and frame educational decision-making
4. conducting research in an ethical and responsible manner with appropriate permission and supervision

Disposition 3: Communicate and collaborate with others in a positive and professional manner

Evidenced by:

1. respecting the dignity, worth and uniqueness of each individual, including actual and perceived gender, gender expression, gender identity, civil status, family status, sexual orientation, religion, age, disability, race, ethnicity, socioeconomic status and culture
2. engaging in professional communication with others in a clear, respectful and culturally sensitive manner in physical or virtual spaces
3. using technology — including social media — responsibly, transparently and primarily for purposes of teaching and learning per school and district policy and considering the ramifications of using social media and indirect communication via technology on one's interactions with students, colleagues and the general public
4. establishing and maintaining an environment that promotes the emotional, intellectual and physical safety of all students

Note: This is not an exhaustive list of all of the professional dispositions required of educators, and not all examples are included.

Key terminology

Term	Definition	Highlights in practice
Civility [11]	Treating others with sincere respect and as members of a shared community, including those who may challenge beliefs or opinions.	- Talk to people you disagree with, even when it is challenging or uncomfortable - Create inclusive environments where people can voice a variety of opinions - Stay engaged through difficult conversations to create deeper understanding
Collaboration [12]	The act of working together toward a common goal.	- Create a sense of psychological safety to engage a diverse set of perspectives - Develop shared goals and work together to overcome obstacles and setbacks - Reflect in a group setting to learn more from shared experiences
Critical thinking [13]	The process of refining beliefs through analysis, interpretation of evidence, inference, explanation, self-regulation, open-mindedness and problem-solving.	- Analyze and assess our personal beliefs and those of others - Explore and evaluate new information, perspectives and ideas - Be open to changing opinions in response to new or conflicting information
Fairness [14]	The equitable, just and reasonable treatment of others according to their needs.	- Create solutions that result in equitable and just outcomes - Consider how decisions and actions affect a wide variety of people - Seek to understand a community's values around what fairness looks like
Honesty [15]	Being open, trustworthy and truthful in a sincere and straightforward way.	- Gain clarity on issues that might be hard to consider or hear - Say what needs to be said by communicating with empathy, civility and courage - Seek to understand others' perspectives and be willing to admit when someone is wrong

Humility [16]	Being honest with ourselves about what we can offer, acknowledging that there's always more to learn, and having a genuine desire to advance the best interests of the community.	- Use self-reflection and honesty to accept strengths and weaknesses - Recognize the limits of knowledge and be willing to change our minds - Be open to new ideas, information and creative approaches
Inclusivity [17]	Seeking to create environments that respect, bring together and build upon the multiple perspectives, lifestyles and experiences of each member of the community.	- Actively create environments where all voices are welcome and heard - Build understanding of challenges by listening to a diverse set of perspectives - Generate more creative ideas by drawing on different and even conflicting opinions
Perspective taking [18]	The ability to take on another's point of view to better understand how they think or feel, and consider options that may have initially been missed due to personal positionality.	- Learn about others' experiences and points of view through dialogue and engagement - Seek out a variety of perspectives to gain new knowledge and understand challenges - Navigate differences and develop solutions based on deeper understandings
Reflection [19]	Making the time and space to process thoughts, feelings and experiences in order to take meaningful action moving forward.	- Learn from personal experiences by thinking about what happened and why - Be humble and honest enough to face one's own shortcomings - Reflect with others to gain more perspectives, deepen learning and amplify impact
Truth-seeking [20]	Rigorously pursuing the information needed to better understand the world and then using that information in an honest, fair and empathetic manner.	- Critically assess the quality and source of data - Stay open to new information by recognizing the limits of knowledge - Pursue accurate information to address critical social and systemic challenges

More information about the Principled Innovation® assets can be found on the How PI works [10] website.

B. Violations of MLFC professional disposition standards

Students are informed of and have an opportunity to respond to an allegation of a violation of or behavior inconsistent with the professional disposition standards. As a general rule, the college seeks to assist students to become professionals by working with them to develop and improve professional conduct. Students accused of violating or not acting in accordance with the professional disposition standards attend a meeting with the college leadership to discuss allegations. Possible sanctions include probation, suspension, disqualification or dismissal from the program.

Following are the steps taken in the referral process for a violation of MLFC professional disposition standards.

1. The instructor, faculty supervisor or other university representative discusses concerns with the student and informs the student that a referral will be submitted to college leadership. Depending on the nature of the referral, the student may be required to attend a meeting with college leadership.
2. If the referral is made for a violation of MLFC professional disposition standards, the student is required to attend a meeting to discuss the alleged violations. This meeting provides students with an opportunity to share their side of the situation. At the meeting, a professional improvement plan agreement is developed with input from the student and college administration. Students on a PIP are placed on a probationary status in the college until requirements of the PIP are met.
3. Students may be required to attend a follow-up meeting to discuss their status in meeting requirements outlined in their plan. Failure to attend a required meeting or to fulfill expectations outlined in the PIP agreement may result in program dismissal.

C. Release from professional experiences (traditional or job embedded internship or student teaching)

If a school district or community partner requests that a student be released from an internship or student teaching placement for unprofessional or inappropriate behavior, the student (intern, apprentice or student teacher) is required to attend a meeting with college leadership to discuss the concerns submitted by the school district or community partner representative. The student receives a copy of the release recommendation before the meeting with college leadership. During the release meeting, the student has the opportunity to share their perspective and provide details, evidence or other supporting documentation to explain the situation.

Students who are employed by the local education agency or community partner should report their placement release to their direct supervisor at the local education agency (usually the school principal or HR director) or community partner (often the director). Continued employment after a placement release is a decision of the local education agency or community partner. If a student is released from their paid placement, their employment with the local education agency or community partner may be terminated by the agency. Decisions related to employment are not made by MLFC.

After meeting with MLFC leadership to discuss the circumstances leading to the placement release, the student has the option to appeal the release to the associate director of teacher preparation. If it is determined that the allegations of a violation of unprofessional behavior resulting in the request for release from the placement site are warranted, one or more of the following actions may result. The intern or student teacher:

- will be formally removed from the internship or student teaching placement.
- will receive a failing grade ("E") for the internship or student teaching course.
- may not withdraw from the internship or professional experience course or student teaching course. If a withdrawal is processed by the Office of the Registrar, the grade will be administratively changed to an "E."
- will not be assigned another internship or student teaching placement during the same semester.
- must withdraw from all courses that require concurrent enrollment with internship or student teaching, including any applied project courses taken concurrently with student teaching.

If a student intends to repeat the internship or student teaching during the semester following the release, the student must show evidence of how they plan to resolve the situation or circumstances that resulted in their removal from the internship or student teaching. The student is required to meet with MLFC leadership to develop a PIP that outlines expectations for continued professional growth and academic development.

If the student violates the rules, policies or procedures for conduct established by the school, district, local education agency, ASU, MLFC or the law, the intern student teacher, or administrator candidate is dismissed from the program. Students who are dismissed may not continue in a certification pathway, but they may be eligible to pursue other noncertification degree options within MLFC or within other colleges at ASU.

Students who opt to remain in the noncertification pathway are required to adhere to the same professionalism standards as students enrolled in certification programs. Failure to adhere to these standards results in dismissal from the college and possible sanctions from the university.

Section III: Initial teacher and administrator certification policies

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

To be eligible to progress to student teaching, a student must be in good academic and professional standing. Students who have academic or professional experience deficiencies as outlined above will not be approved to participate in student teaching until the deficiencies are completed. For undergraduate students, this includes all courses that appear on the curriculum checksheet or major map. For graduate students, this includes all requirements that appear on the program and plan of study.

Undergraduate students are permitted to take one course concurrently with student teaching as long as the course does not conflict with student teaching requirements. Students who wish to take more than one course concurrently with student teaching must submit a petition for review by the Office of Academic and Career Success. The course must be offered in the evening or online and not conflict with student teaching contracted hours.
Professional experience placements must be appropriate for the certification that the student is seeking for the greater part of their instructional schedule.

Essential functions of professional experiences

As a credentialing institution of the State of Arizona, MLFC has the mission to prepare teachers for service in P-12 school settings. Students are required to complete multiple professional experiences (internships and student teaching) in which they must be able to perform the essential functions of teaching, which include physical capacity, cognitive flexibility and communication. The ability to perform these essential functions is essential for successful completion of the teacher preparation program. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform these essential functions.

Teaching is a demanding profession in which the safety and well-being of children and youth are paramount, and it requires a great deal of physical, mental and emotional stamina. Interns and student teachers spend the majority of their days standing while interacting with P-12 students in the classroom and other areas of the school grounds. Escorting students from one classroom to another and maneuvering through tight spaces between desks or other classroom furniture is common. In early childhood and elementary settings, circulating through a playground and moving quickly along uneven surfaces is necessary. Student teachers may also be required to monitor and assist students when they arrive and depart from school at bus or parent pickup locations. Playground and bus duties can require teachers to spend time outdoors in extreme heat during Arizona summers or extreme cold during winters elsewhere. Working with P-12 students also entails kneeling or squatting, stooping and bending from 50 to 70 degrees at the waist frequently throughout the day. Reaching at, below or above shoulder height to write on chalkboards or whiteboards and using technology and audiovisual equipment require significant manual dexterity. Occasionally, interns and student teachers are required to lift or move up to 30 pounds. These physical requirements enable the effective intern or student teacher to engage students in activities and materials that challenge them and sustain their attention during instructional plans.

The cognitive demands of professional experiences require that interns and student teachers master relevant content in all subjects taught in the assigned classroom; use personal modeling to demonstrate performance expectations with precise and correct command of the English language; provide oral and written feedback that is academically focused, frequent and of high quality; and use content-specific instructional strategies that enhance student content knowledge. Student teachers also must be able to provide differentiated instruction to ensure that all children have the opportunity to master what is taught. In addition, they must maintain emotional control under stress and establish rules for learning and behavior inside the classroom and on all other areas of the school grounds by monitoring student safety and behavior. Student teachers are evaluated using a performance assessment instrument across the essential functions of student teaching. The instrument can be accessed in the Professional Experiences Handbook provided at orientation.

The physical, cognitive and communicative demands described here are representative of those that must be met by interns and student teachers to successfully perform the essential functions of their assigned professional experiences. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform these essential functions.

Students on an Alternative Teaching or teaching intern certificate

The teaching position may require that the student hold an Alternative Teaching or teaching intern certificate; however, not all teaching positions require students to hold the certificate, and this requirement may vary by state. The Alternative Teaching or teaching intern certificate requires MLFC to certify to the Arizona Department of Education that the student is enrolled in a teacher preparation program and in good academic standing. The Alternative Teaching or teaching intern certificate is valid for two years. If a third year is required for program completion, the certificate must be renewed with ADE. At the completion of the second year, only students in good academic standing are eligible for an Institutional Recommendation to obtain a standard teaching certificate. Out-of-state students need appropriate certification in their state, if required.

A student on an Alternative Teaching or teaching intern certificate who ceases to be eligible for their certificate is no longer eligible to continue in the alternative pathway to teacher certification program. The student may be allowed to complete the degree and certification requirements by enrolling in the traditional pathway. More information is available from the MLFC Office of Academic and Career Success.

Note: Because of the intensity of program coursework and job-embedded student teaching, students participating in an alternative pathway are not permitted to enroll in courses outside the prescribed program of study without approval from the program. Students who wish to concurrently enroll in a graduate certificate or degree program should work with their advisor to complete a petition; such petitions are reviewed on a case-by-case basis by the program and may require approval from MLFC leadership.

Completion of the applied project

As part of a student's degree requirements, all master's degree students must complete an applied project course (Secondary: SED 593, Special Education: SPE 593, Elementary Education: EED 593, ECD 593 or ECS 593 Early Childhood). The purpose of the applied project is to act as a culmination of student work throughout the program and to enhance the student teaching experience. Part of this course requires students to begin by formulating a topic that they will research. A grade of a "B" or higher is required to pass the course and graduate from the master's degree program.

Students who withdraw from both courses must maintain the ASU Graduate College policy of continuous enrollment, either by completing at least one credit hour of graduate-level coursework or with an approved medical/compassionate withdrawal for the semester.

Applied project retake

Students who successfully complete their student teaching placement but do not pass the applied project (grade of "B" or higher), or if students must complete the program without certification, are required to complete the next available corresponding applied project course. Students must also contact the instructor of the applied project course before the end of the first week of class to discuss their situation, indicating that they will not be completing their project in an ASU placement.

Section IV: Student support policies and procedures

A. Supporting our students

Students enrolled in a Mary Lou Fulton College for Teaching and Learning Innovation program are provided individualized support and feedback from course and field instructors. In addition, MLFC's Office of Academic and Career Success provides a tier-based ecosystem of integrated and holistic support for student growth and learning outcomes throughout the program.

If at any time a student is in need of additional support, a faculty member, faculty supervisor, mentor teacher, academic advisor or other representative can submit an SOS form [21]. Students can also submit an SOS for themselves if they have a concern or are in need of assistance. Areas of support include financial assistance, wellness coaching, academic support, job-seeking skills and professionalism.

When an SOS is submitted, it is triaged by the coordinated care team. Depending on the type of support needed, the student is invited to meet with a success coach, care coordinator or the director of student success. During the meeting, the student has the opportunity to share their perspective with a student advocate, be connected to resources, and participate in the development of a support plan.

B. Pregnancy leave policy

In accordance with Title IX, students who require leave are entitled to it for as long as it is deemed medically necessary by their physician. For absences of less than two weeks for session C courses or one week of leave for session A or B or summer courses, students should be able to make up the missed work without field placement being affected. Longer leaves are accommodated; however, students are still required to complete all assignments, and meet other requirements that accumulate during their leave, before the last day of classes. Students who are unable to meet requirements before the end of the semester receive a grade of "I" (incomplete) or have the option to apply for a medical withdrawal without loss of any tuition paid that semester. During the leave, absences are excused and do not negatively impact final grades. Students who need to request leave should meet with Mary Lou Fulton College for Teaching and Learning Innovation's coordinated care strategist to develop leave plans.

C. Accommodations

Mary Lou Fulton College for Teaching and Learning Innovation is committed to student success and ensures an inclusive learning environment for all students. Students with disabilities or disabling health conditions who need accommodations are required to document their condition with Student Accessibility and Inclusive Learning Services. MLFC encourages admitted students with disabilities or disabling health conditions who believe they may need accommodations to register with SAILS before enrolling in the program. That way, all reasonable accommodations can be in place at the beginning of the program. Students who are registered with SAILS are key participants in establishing reasonable and appropriate accommodations with course instructors. Students must reregister with SAILS every semester for which they would like to receive accommodations.

D. Incomplete grade requests

The grade of "I" (incomplete) can only be given by an instructor when a student who is doing otherwise acceptable work is unable to complete a course (e.g., final exam or term paper) because of illness or other conditions beyond the student's control. Unfinished work must be completed with the same instructor except under extenuating circumstances. The completion date is determined by the instructor but may not exceed one calendar year from the date the grade of "I" is recorded.

To request an incomplete in a course, a student first obtains approval from their instructor and submits an incomplete request form that includes a deadline for coursework to be completed. The incomplete request is then routed to the vice dean or their designee for review and final approval. Approval of the request is at the discretion of the vice dean or designee, and the approval process may include modification of the deadline or a request for additional details. Students who fail to complete the course by the agreed-upon deadline receive the grade specified in the incomplete request. Incomplete deadlines may never exceed one year from the date the incomplete grade was issued.

Section V: MLFC appeal policies and procedures

Academic probation

There is no appeal from the action of being placed on probation. Probation provides warning to the student of the potential for academic suspension or dismissal.

Grade appeal procedure

To receive consideration, grade appeals must be submitted to the course instructor within 10 business days of the last date for posting final grades, as noted in the academic calendar [22].

Official course grades are listed on My ASU via the student's transcript. Students should check their transcripts regularly following the grade posting date for each term. If there is a discrepancy between the final grade noted in the transcript and

the grade the student expected to receive based on the Canvas gradebook, students must contact the instructor within 10 business days of the last date for posting final grades and may then follow the appeal process outlined below.

Reasons for grade appeal: A student may appeal a grade only when they can document that one or a combination of the following has occurred:

- The instructor erred in calculating points or acknowledging timely submission of assignments.
- The instructor did not apply grading standards equitably (that is, there is evidence of bias, for example, due to race, age, sex, religion or national origin).
- The instructor did not assign grades consistently with the standards and procedures for evaluation announced at the beginning of the course in the course syllabus. The instructor may amend or supplement the standards and procedures during the course by providing written or oral notice to the entire class.

Step 1: Informal meeting with instructor

This step is mandatory and applies to appeal of course grades only.

1. The student must contact the instructor of the course and submit the grade appeal (PDF) [23]. The student must provide to the instructor any additional relevant documentation to support the appeal and reasons for disputing the grade. The narrative accompanying the grade appeal form may not exceed five pages, double spaced.
2. The student must meet with the instructor either face-to-face or, in the case of online classes only, virtually. If this meeting does not resolve the grievance, the student may move to step 2 and submit the grade appeal form to the appropriate Office of Academic and Career Success contact.

Note: If the required meeting with the instructor has not taken place, the appeal is accepted only if the student supplies evidence that the student contacted the instructor and (a) has received no reply for five business days or (b) has been unable to schedule a meeting within 10 business days of the date of contact. If the student does not receive a response from the course instructor within five business days, the student should move the appeal to step 2. Appeals received after 10 business days are be accepted.

Step 2: Submit grievance to Office of Academic and Career Success

If the grievance is not resolved in step 1, the student may forward the grade appeal [24] to the executive director of academic and career success.

Step 3: Vice dean or appointed designee reviews grade appeal

The executive director of academic and career success reviews the grade appeal and may request additional information, if needed. The grade appeal is forwarded to the vice dean for review. The vice dean reviews all information and notifies the student of the outcome.

Step 4: Appeal decision to the dean (Student Issues Committee)

- Per university policy, if not satisfied with the outcome, the student may appeal the vice dean's decision to the dean, whose decision is final. The student must appeal within 10 business days of receiving the vice dean's decision.
- To submit an appeal to the Student Issues Committee, the student must forward the original appeal and the vice dean's response to the director of academic operations, who begins the appeal process with the committee.
- Only the issue appealed to the vice dean may be appealed; no new issues or complaints may be added.
- The student has the option to request to appeal before the committee.
- The Student Issues Committee makes a recommendation to the dean. The dean's decision is final.
- The student is notified by email of the outcome.

It is university policy that students filing grievances and those who are witnesses be protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean of the college in which the course is offered.

For more information on university grading policies, students can visit the appeals policy on the catalog website [25]. During the time of the appeal, a student may register for courses; however, if the appeal is denied and the student is

withdrawn, university policies on tuition refunds are applied. Any concerns about tuition charges should be addressed to Student Business Services.

Graduate students — appealing a recommendation for dismissal from program

The ASU Graduate College admits students to graduate study at ASU. Students who fail to make satisfactory academic progress may be involuntarily withdrawn (dismissed) from their academic programs by the ASU Graduate College upon the recommendation of the college. The student has the right to appeal a recommendation for dismissal.

Steps in dismissal process:

1. The advisor sends an informal notice of dismissal recommendation to the student. The student has 10 days to respond to the notice and provide any supporting documentation for review and reconsideration of the dismissal recommendation.
2. The student receives formal notice from the executive director of academic services that a recommendation for dismissal from the program is being made to the ASU Graduate College.
3. Within 10 business days of receiving this notice, the student may appeal in writing to the appropriate vice dean in Mary Lou Fulton College for Teaching and Learning Innovation.
4. If the appeal is denied by the vice dean, the student may continue the appeal process to the MLFC Student Issues Committee (dean's designee). Appeal materials can be sent to the director of academic operations. Failure to file the appeal within 10 business days of the date of notification results in an automatic denial of the appeal.
5. If the appeal is denied by the Student Issues Committee (MLFC dean), the dismissal recommendation is forwarded to the Graduate College for final review and recommendation.

Appendix A: Definition of terms

ASU Graduate College: The academic organization within ASU that oversees all graduate study in every college; it has the authority to admit and involuntarily withdraw (dismiss) graduate students. The college recommends the actions, but it is the vice provost for the Graduate College who holds the ultimate authority.

College academic probation: Status assigned to a student who has failed to maintain satisfactory academic progress; also referred to as "not in good academic standing." A student placed on college academic probation is informed of the areas in which program standards are not being met and the actions the student must take to be removed from college academic probation and restored to good standing. A student who fails to meet the conditions for reinstatement to good standing may be recommended for dismissal from the program.

A student placed on college academic probation is permitted to progress to the next term (unless the next term includes student teaching) while addressing the deficiency. If a student is placed on college academic probation and the next term requires student teaching, they must meet with their advisor to discuss options for the semester.

College academic suspension: An undergraduate student placed on college academic suspension may not progress to the next term until all deficiencies have been resolved. Students are required to complete their deficiencies within one calendar year. Failure to do so results in dismissal from the program.

Cumulative GPA: Grade point average that represents all courses completed at ASU.

Deficiency: A required course or other program criterion that has not been met or was not successfully completed. This term refers to coursework and GPA criteria.

Dismissal: Administrative removal from the program or college.

An undergraduate student who has been dismissed from MLFC is not allowed to enroll in further teacher or administrator certification program courses for a minimum of one semester. When the student is notified of the dismissal, he or she must participate in the development of a PIP. The student's current and future status will be determined by the terms of the PIP.

A student will be dismissed from further enrollment in any initial teacher or administrator program for any of the following reasons:

- expulsion from Arizona State University
- failure to meet ASU graduate education policies (for graduate students)
- failure to meet the professional responsibilities outlined in the Mary Lou Fulton College for Teaching and Learning Innovation Professional Responsibilities Standards and the ASU Student Code of Conduct
- failure to resolve academic deficiencies
- noncompliance with a PIP

GPA: Grade point average.

Institutional recommendation: All MLFC certification programs are approved by the Arizona Department of Education to issue institutional recommendations to students who have fulfilled the state's requirements for certification. The IR allows for expedited issuance of the teaching or administrative certificate.

iPOS: Graduate plan of study entered and approved electronically and consisting of the courses required for the student to earn the degree. iPOS stands for interactive plan of study.

iPOS GPA: Grade point average calculated using the courses on the plan of study.

Overall graduate GPA: Grade point average calculated on all graduate courses, regardless of whether they are on the approved program of study.

Placement release: Removal from the traditional or job-embedded internship or student teaching placement.

Professional experience: Any practicum, internship, student teaching or other field-based course taking place off-campus in a professional setting such as a school district, charter school, government agency or other educational organization.

Professional improvement plan: A tool designed to support students who may be at risk of not progressing in their major or academic plan. The PIP outlines specific action steps a student must complete to maintain or return to good standing within their major or academic plan.

SOS — Supporting Our Students: A referral system that connects students with the Office of Student Services student success team for personalized support.

Student Code of Conduct: The ASU code of conduct can be viewed on the student services website [6].

Undergraduate policies

Advising

The Office of Career and Academic Success is dedicated to providing students with the very best academic support and guidance in every phase of their academic program. Academic program advisors provide students with assistance in selecting classes and in fulfilling program requirements. Each ASU campus has dedicated academic advisors knowledgeable about all Mary Lou Fulton College for Teaching and Learning Innovation programs. Students should see the MLFC undergraduate student services [26] webpage for advising locations and contact information. Students are encouraged to meet with their advisors every semester.

Credit and registration

Students are limited to a maximum of 18 credit hours per semester. Enrollment in additional credit hours requires college academic advisor approval.

Audit

MLFC students are permitted to audit any course that is not part of the professional pathways curriculum. Additional university fees are assigned to courses when the audit option is chosen.

Course prerequisites

Enrollment in upper-division professional pathways coursework requires approval from MLFC. Students should review current course descriptions for course prerequisites.

Pass/fail

A “Y” (satisfactory) grade is assigned for a passed course, and an “E” grade is assigned for a failed course. Only the “E” grade is computed in the ASU cumulative GPA.

Transfer

Students may transfer a maximum of 64 credit hours from two-year institutions. There is no limit to the number of credit hours transferred from four-year institutions. Students interested in substituting previous teacher preparation courses for current professional pathway MLFC courses must submit the petition for adjustment of requirements to the Office of Academic and Career Success at their chosen campus.

Any transfer student who is interested in starting an initial teacher certification pathway must submit an online form, meet with an academic advisor, have a cumulative GPA of 2.00, have completed 60 credit hours, and fulfill specific course requirements as outlined by each education major. Students who complete an Associate of Arts program in elementary education or who complete required courses at an Arizona community college through MyPath2ASU® meet the requirements for progression to the professional pathway.

Withdrawal

Students should review the Mary Lou Fulton College for Teaching and Learning Innovation undergraduate withdrawal policy [27] and the current university withdrawal procedures [28]. It is each student’s responsibility to withdraw from courses. Students are not automatically withdrawn for nonattendance.

Degree requirements

Students who begin at ASU as first-year students follow the curriculum for their chosen programs. These courses are listed on the curriculum checksheets. My major map is the ideal course progression plan that students follow each semester for enrollment, and students should meet regularly with an academic advisor to ensure appropriate course selection and review progress toward graduation. Students who have attended only ASU have their progress reviewed at the completion of each term to ensure that they are on track for graduation. Transfer students must attend an advising session in which they learn the degree requirements and minimum eligibility requirements for degree completion. Students must fulfill professional experiences, including internships and student teaching requirements, as part of degree completion. Mary Lou Fulton College for Teaching and Learning Innovation is committed to providing support and resources for students who need academic or professional growth assistance.

To be in good standing in MLFC, undergraduate students in teacher preparation programs must maintain an overall cumulative GPA of 2.00 or higher. Students are evaluated in accordance with the MLFC satisfactory academic progress and professional conduct policy. Students in the professional pathway are formally reviewed regarding their academic progress to determine retention and continuation status. Students with records that contain indicators of professional or academic concerns are placed on probation or suspension, or permanently removed (dismissed) from their programs.

Students who exhibit unprofessional behaviors or attributes are required to meet with a MLFC administrator to develop an individualized growth plan that outlines the expectations for continuing in the program. Such students are placed on probation or suspension and are subject to the disqualification policy of the MLFC. Students should refer to the satisfactory academic progress and professional conduct policy for additional information.

Concurrent degrees

The primary degree is the one that appears at the top of a student's transcript. A concurrent degree is an additional degree that a student pursues.

Requirements for students who wish to pursue a concurrent degree:

- Students must be in good academic standing, maintaining a minimum cumulative GPA of 2.00 or higher.
- Students must inform their MLFC advisor of each degree being pursued as a concurrent degree. This information is important to the department's recordkeeping, and it may affect recommended courses.
- If one of the degrees is offered through another college, the student must contact that college and complete its required procedures for requesting and pursuing concurrent degrees.
- Students must earn at least 30 distinct credit hours applied toward the requirements for each major's degree.

Reinstatement and readmission

Applications for reinstatement and readmission are reviewed by the director of undergraduate student services on a case-by-case basis.

If a student is not eligible for quick re-entry [29], they must apply for readmission and submit applicable fees. To submit an application for readmission to the Mary Lou Fulton College for Teaching and Learning Innovation, a student must have left in good academic standing by having a cumulative GPA of 2.00 or higher.

A student who did not leave ASU in good academic standing may appeal. In this case, a student must have both:

1. completed at least 12 credit hours since leaving ASU with a grade of a "C" or higher
2. a 2.00 cumulative GPA since leaving ASU

All transcripts must be on file with ASU for review if appealing. Students who do not meet these two requirements will not be admitted to MLFC. If a readmission appeal is required, the decisions may take four to six weeks. The director of undergraduate services may contact a student for more information.

Other special requirements

Additional requirements for teacher certification candidates

Fingerprint clearance card

Per Arizona state statute A.R.S. § 15-106, all teachers and persons who are required to be fingerprinted to work in the classroom are required to have an identity-verified fingerprint clearance card (Google doc) [30]. All students enrolling in programs that lead to certification must participate in professional experiences. Students participating in a professional experience must have proof of a fingerprint clearance card on file in the Office of Professional Experiences before clinical placement hours begin.

Acknowledgment form

Non-MLFC progression students who wish to start their upper-division courses must meet with their college advisor. Students will receive an email from an MLFC staff member to complete an acknowledgment form.

For programs that lead to certification, students must meet teacher certification progression requirements [27] to progress into the upper-division courses.

Graduate policies

The college offers master's degree and doctoral programs as well as graduate certificates. Some programs also allow students to obtain state or professional certification.

After a student is admitted to a degree program, specific advice related to degree requirements and activities is provided by academic advisors in the OACiS graduate services office. Once admitted, all graduate students are required to submit a plan of study. The plan of study functions as a contract between the student, the academic unit and the Graduate College. The interactive plan of study contains certain degree requirements such as coursework, a committee and a culminating experience. Students can contact an academic advisor for assistance completing the interactive plan of study through the contact information found on My ASU.

Other graduate policies

Continuous enrollment and re-entry for graduate programs

Once admitted to a graduate program, the student must be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. If a plan of study must be interrupted for one semester, the student may apply to the Graduate College for a leave of absence not to exceed one semester. An application for leave status, endorsed by the vice dean or designee, must be approved by the Graduate College; for a doctoral student, the leave must also be endorsed by the members of the student's supervisory committee. This request must be filed and approved before the semester of anticipated absence. A student on leave is not required to pay fees and is not permitted to place any demands on university faculty or use any university facilities. Students may be continuously enrolled by registering for one credit hour of continuing registration; students should contact an academic advisor for more details. A student who interrupts a program without obtaining an approved leave of absence may be removed from the program by the Graduate College.

Concurrent degrees

The primary degree is the one that shows at the top of a student's transcript. A concurrent degree is an additional degree that a student pursues.

For concurrent master’s degrees, concurrent master’s and doctoral degrees, and concurrent doctoral degrees, students must follow the Graduate College policies [31].

Graduation requirements

A candidate for a graduate degree must satisfactorily complete the program's culminating experience requirements. Information is available for each program from the Office of Academic and Career Success.

Master's degree programs

In addition to the Graduate College policies and procedures that govern graduate programs at ASU, which are provided elsewhere in this catalog, the policies specific to each master’s degree program are provided to students at the time of enrollment in the program. Students are limited to 15 credit hours per semester. Online students are limited to nine credit hours per semester. Exceptions must be approved by the division director. Students who enroll in additional hours may be administratively withdrawn.

Doctoral programs

In addition to the Graduate College policies and procedures that govern doctoral programs at ASU, which are provided elsewhere in this catalog, satisfactory academic progress and professional conduct policies apply. Additional information specific to a degree program may be provided when students first register for the program.

Doctor of Philosophy and Doctor of Education satisfactory academic progress and professional conduct policy
Students in doctoral programs may be placed on academic probation for reasons stated in the satisfactory academic progress and professional conduct policy. These include:

- failure to meet the academic requirements of the Graduate College, to have a GPA of 3.00 or to meet the academic requirements of the particular program, as stated in the program handbook
- failure to meet the standards of professional conduct, or violations of the student conduct code, which may result in academic probation, or, for egregious violations, immediate recommendation to the Graduate College for dismissal

- unsatisfactory progress as noted on the annual review form by the mentor, or failure to meet for annual review

In addition to meeting minimum academic requirements and conduct requirements, a student must maintain progress to degree completion. A student can be recommended to the Graduate College for dismissal for failure to adhere to the Graduate College policies.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and abide by all university policies.

Additional requirements

Fingerprint clearance card

Per Arizona state statute A.R.S. § 15-106, all teachers and persons who are required to be fingerprinted to work in the classroom are required to have an identity-verified fingerprint clearance card. All students enrolling in programs leading to certification must participate in clinical experiences and student or apprentice teaching. Students participating in clinical experiences must have proof of a fingerprint clearance card on file in the Office of Professional Experiences before field placement hours begin.

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[22] https://registrar.asu.edu/academic-calendar
[23] https://education.asu.edu/sites/default/files/2022-11/Teachers_College_Grade_Appeal_Policy_and_Process_11-15-22.pdf
[24] https://asuacademicaffairs-advocate.symplicity.com/care_report/index.php/pid763627?
[25] https://catalog.asu.edu/appeal
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[27] https://education.asu.edu/student-life/student-forms-policies
[28] https://registrar.asu.edu/drop-add
[29] https://admission.asu.edu/apply/first-year/readmission
[30] https://docs.google.com/document/d/1NUJtBEfHdUkWjqxbKm4g5IIIt-06gCe8L_wuUG57nR0/edit
[31] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

School of Technology for Public Health policies

The School of Technology for Public Health bridges the disconnect between public health and other historically siloed disciplines to create impact at scale. Programs within the school offer unique, transdisciplinary coursework that seamlessly weave together core public health competencies with elements of human-centered technology, systems engineering, data science and design.

Training students to be proficient in public health and technology, however, requires more than classroom-based learning. The School of Technology for Public Health exposes students to a constellation of tools and technologies and teaches them how to apply these effectively in practical settings. Through placements with community and cross-sector partners, students explore how existing technologies can be deployed to improve public health systems, outcomes and processes, and how to imagine, implement and communicate entirely new public health technologies.

Health equity and inclusive excellence

The School of Technology for Public Health is on a mission to improve the mental and physical health of both larger and immediate communities by better understanding the challenges that individuals and populations face, while striving to be part of the solution. The school is committed to the idea that every member of society should have the opportunity for good health and wellness throughout their life span. In an effort to actualize this ideal, the school embraces and supports greater justice, diversity, equity and inclusion in everything it does, including teaching, research, service and clinical practice.

Academic integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU Academic Integrity policy [1] is strictly enforced, and for students found in violation of this policy, possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and expulsion.

For more information on graduate-specific policies, students should refer to the Graduate College's policies and resources for academic integrity [2].

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU's policy ACD 401: Prohibition Against Discrimination, Harassment, and Retaliation [3] (PDF).

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [4] website.

Graduate policies

Students are strongly encouraged to review the student handbook for their graduate program in the School of Technology for Public Health for information regarding graduate program requirements, academic procedures and protocols.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies, including those of the Graduate College [5] and the School of Technology for Public Health.

Academic advising

Academic advising within the School of Technology for Public Health is conducted via phone, zoom and in-person appointments. The advisor can be reached by email at stph@asu.edu or by phone at 602-496-0100. Replies to email and voicemail should be provided within two business days, if not sooner.

It is important to note that graduate advising is a team effort by the advisor, student and the student's committee chair. Together, we help students meet graduation requirements and maximize the student experience.

Source URL: https://catalog.asu.edu/policies/technology_for_public_health

Links:
[1] https://provost.asu.edu/academic-integrity/policy
[2] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity
[3] https://public.powerdms.com/ASU/documents/1541854
[4] https://www.asu.edu/reportit/
[5] https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals

University College policies

University College is spearheading the evolutionary next step in higher education. The college seeks to end achievement disparities for learners of all backgrounds through designing personalized learning experiences, preparing learners for a future of integrated working and learning, and supporting learners at scale using automation, analytics and intelligent systems.

Academic integrity

University College values academic honesty in academia as the basis of shaping students who will become productive workers and contributors to society. University College is committed to supporting student success by supporting accountability. The college uses every learning opportunity, including academic violations, to help students gain experience, resources and personal growth.

Academic dishonesty falls into five broad areas:

- academic deceit, such as fabricating data or information
- aiding academic integrity policy violations and inappropriately collaborating
- cheating on an academic evaluation or assignment
- falsifying academic records
- plagiarizing

It is important that students understand what constitutes a violation of academic integrity; they should review the full ASU academic integrity policy [1].

Why is it important?
Academic integrity violations have a negative impact on students, the ASU community and students' future career aspirations.

Academic dishonesty undermines a student's ability to demonstrate their academic excellence. Furthermore, academic dishonesty interferes with instructors' opportunities to develop a student's educational aptitude to prepare them for a career, and it diminishes the integrity of the ASU academic community.

Who can report academic dishonesty?
Anyone with a good faith basis for believing that a student has engaged in academic dishonesty may report the alleged violation [2] to the instructor or academic integrity officer for the college or school in which the academic dishonesty occurred.

Student resources
If students are unsure as to whether an issue could be construed as academic dishonesty, they should use the academic integrity student resources [3]. Sun Devils are champions of integrity and making the right decision.

Students with questions about ASU’s academic integrity policy or alleged violations should contact University College’s academic integrity officer Bruce Bailey [4] with any questions.

Notice of nondiscrimination

ASU prohibits all forms of discrimination, harassment and retaliation. Students should review ASU’s policy ACD 401: Prohibition Against Discrimination, Harassment and Retaliation [5].

Title IX protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, ASU does not discriminate on the basis of sex in the education programs or activities that we operate, including in admission and employment. Inquiries concerning the application of Title IX may be referred to the ASU Title IX coordinator or to the U.S. Department of Education Office for Civil Rights or to both. For more information, students should email titleixcoordinator@asu.edu, call 480-965-0696, or visit the office located

at 1120 S. Cady Mall, INTDSB 284. For information on making a report, students should reference the Report It [6] website.

Undergraduate policies

Academic standing

To be considered in academic good standing in University College, students must achieve a cumulative GPA of 2.00 or higher. Academic standing is determined twice annually — in December after fall semester grades have posted, and in May after spring grades have posted. Grades earned during summer sessions affect GPA but are not considered for academic standing purposes until the next review period.

Academic warning

An undergraduate student with a cumulative GPA lower than 2.00 at the end of their first semester (fall or spring) is placed on university academic warning.

Academic probation

If a student's minimum cumulative GPA first falls below 2.00 in a term that is not the student's first term at ASU, the student is placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

What happens to a student on academic warning or academic probation?
A student on academic warning or academic probation is considered in conditional good standing and is permitted to enroll.

All University College students who are not in good standing are required to meet with an academic advisor and complete an academic success agreement. During the appointment, the advisor reviews the prior semester, discusses the student's academic standing status, possibly makes adjustments to the course schedule, and helps the student explore strategies to return to good standing.

Improved performance helps a student earn either good standing or continued probation status. Students who achieve a cumulative GPA above 2.00 are considered in good standing. Students who achieve a semester GPA above a 2.00 but retain a cumulative ASU GPA below 2.00 are placed on continuing probation. Students who fail to achieve a semester or cumulative GPA above 2.00 are subject to disqualification from the university.

All students who receive an academic warning or are placed on academic probation for at least one semester must successfully complete the academic refresher course UNI 220: Mindset Connections as a requirement of graduation.

Disqualification

Students who have been disqualified from ASU are not eligible to take classes at ASU during fall or spring semesters; however, enrollment in summer classes is permitted and encouraged. Students may enroll in summer classes at ASU to improve their GPA and bring their cumulative ASU GPA back to academic good standing (2.00).
Students who have had a fall or spring semester lapse in enrollment while on disqualification status need to submit an application for readmission to ASU [7] to enroll in summer classes or to be considered for a future fall or spring enrollment.

Academic advising

All students are encouraged to seek advising from their academic success specialist (i.e., their academic advisor) before registration. Students must review the academic calendar [8] each semester for information and deadlines pertaining to enrollment, including course adds, drops and withdrawals.

The ASU academic catalog is the governing source for all degree requirements. Students are expected to read the requirements for university general studies [9], undergraduate graduation [10] and major degree requirements. The academic success specialist provides guidance.

Contact advising: exploratory@asu.edu

Mandatory advising

The following students in University College must receive advising clearance before course registration:

- new students in all exploratory tracks
- new students in their first semester of attendance
- readmitted students in their first returning semester
- students on academic probation or continuing probation
- students who are off track for graduation
- students who have been disqualified

Students are encouraged to use My ASU [11] to check their advising status requirements each semester before attempting any registration transactions.

Credit and registration

Credit overload petition

A student may take up to 18 credit hours per semester (fall or spring) and seven credit hours each summer session. Before submitting the request for credit overload, the student must:

1. meet with their advisor
2. have a legitimate academic reason for making the request
3. have a written plan describing in detail how the demands of a heightened workload will be met
4. complete a full semester at ASU before the overload semester
5. be in good academic standing
6. not be repeating a course during the overload term
7. be a degree-seeking student
8. submit the form at least a week before the start of the session
9. meet the GPA requirements as outlined on the credit overload petition form [12]

Class overrides

Class overrides are not considered unless there are specific extenuating circumstances (e.g., if the prerequisite has been completed or will be completed at another institution before the start of the class in question). Class override requests are not considered after the add period has ended for that session (A, B or C).

The student must complete the class prerequisites override form [13].

Space overrides

Under certain circumstances, the college may approve a student's enrollment in a class that has filled the number of allotted seats. Space overrides are not considered if the room has reached maximum fire code occupancy or if other sections of the same class are available at another time. Override requests are not considered after the add period has ended for that session (A, B or C).

The student must complete the space override form [14].

Transfer credit and appeals

ASU accepts transfer credit [15] for traditional coursework that a student has successfully completed at regionally accredited institutions of higher education as documented on an official transcript.

When a student transfers to ASU from another college or university, the following general standards for transfer credits apply:

- ASU accepts credits for college-level (not remedial) courses in which the student has earned a grade of "C-" (scale is 4.00="A") or higher from a regionally accredited college or university.
- A maximum of 64 credit hours are accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college, with the exception of some special programs.
- Acceptable academic credits earned at other institutions that are based on a different unit of credit than the one prescribed by the Arizona Board of Regents (PDF) [16] are subject to conversion before being transferred to ASU. All ASU students must meet graduation requirements (university, college, major and general studies requirements) to earn a bachelor's degree.
- Grades and honor points earned at other colleges and universities are considered for admission, but the ASU cumulative GPA is based solely on coursework taken at ASU

Types of transfer credits not accepted by ASU:

- courses for which the student earned a final grade lower than "C-"
- credit awarded by postsecondary schools in the United States that lack candidate status or are not accredited by a regional accrediting association
- credit awarded by postsecondary schools for life experience
- credit awarded by postsecondary schools for courses taken at noncollegiate institutions (e.g., government agencies, corporations, industrial firms)
- credit awarded for continuing education units, continuing education credit, workshops, seminars, professional development courses, and other not-for-credit courses through postsecondary institutions.

A student who feels they have been unjustly denied credit for transfer may appeal the decision.

- Prospective students can contact ASU Admission Services [17] or Academic Transfer Credit Solutions (articulation@asu.edu).
- Admitted students can contact their academic advisor or academic unit (found via My ASU [11]).

Repeat/replace policy

Students who wish to repeat courses and possibly replace prior course grades must follow the repeat/replace policy [18] (also university policy SSM 203-06 (PDF) [19]) regarding the number of credit hours that can be repeated and the types of courses that are eligible for a grade replacement.

All prerequisites for the course must be met with the required grades before the student submits the petition to enroll in a course for the third time or more (even if registration has previously been permitted without them). Students may not repeat a course for a third time or more if they have passed the course with a "C" grade or higher. Approval to retake a course does not imply that enrollment in a class after the add deadline is permitted or that the student may register for a class section that is already full.

Pass/fail grade options

A grade of "Y" (satisfactory) contributes to a student’s earned credit hours but does not affect GPA.

The pass/fail grade option ("P"/"E") may be used under the following conditions:

- Approval has been granted from the instructor and college offering the course.
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the add period.
- A maximum of 12 credit hours taken for pass/fail may be counted toward graduation.

Students may not enroll under the pass/fail option in the following courses:

- first-year composition required courses
- general studies required courses

Late registration

For a student to add, drop or swap sections of the same course after the official add and drop deadlines, the course must be open, and course prerequisites must be met, or overrides must have been authorized and posted. If these criteria are met, the student should do the following:

1. complete the enrollment change request form [20]
2. include instructor's email approval, which includes course information
3. submit an enrollment change request form to the department up to three business days after the late add deadline to register for a course

Requests received after the three business day deadline are not approved unless the instructor provides confirmation that the student's grade will not be impacted.

Students should allow at least 24 hours for University College to process the request. If the request is approved, University College forwards the request to the Registrar's Office for processing.

Withdrawals

Course withdrawals

Requests to drop a course after the drop deadline are not considered unless there are extenuating circumstances beyond the student's control. In these cases, a student may initiate a late withdrawal up to three business days after the deadline by emailing ucacademicservices@asu.edu. Backdated drops need department approval.

Medical or compassionate withdrawals

What is a medical or compassionate withdrawal?
Students who experience a serious illness, injury or other significant personal situation that prevents them from continuing classes may request a medical or compassionate withdrawal from the college of their major.
Medical or compassionate withdrawals require relevant and detailed supporting documentation for consideration.
Approval is at the discretion of the college, and there is no guarantee that a request will be approved.
Students may review the full ASU medical or compassionate withdrawal policy [21].

Steps for submitting a medical or compassionate withdrawal:

1. meet with an academic advisor to explore the withdrawal procedures
2. work with faculty for alternative class arrangements or incomplete grades
3. consult with a student financial assistance [22] counselor to determine financial obligation
4. review guidelines of required documentation sections below
5. submit the medical or compassionate withdrawal request form [23]

Required documentation for medical withdrawal
Students must obtain an official letter from a health care provider on the health care provider's letterhead stationery that details:

- the circumstances or challenges of the student
- the date of illness onset
- the dates the student was under professional care
- the general nature of the medical condition and why or how it prevented the student from completing the coursework or attending class
- the date of anticipated return to school
- the last date the student was able to attend class

Students who make a request for some, but not all, courses in a semester must provide a statement as to why they were successful in some courses but not others.

Required documentation for a compassionate withdrawal
The official documentation must include a statement from the student explaining the circumstances or challenges they are

facing. Documentation should corroborate the request either by strengthening the request or by providing a timeline for events.

Example: If the request involves a death, attach a copy of the death certificate, airline itinerary and receipt, and funeral pamphlet showing dates.

Medical or compassionate withdrawal for international students
International students on an F-1 or J-1 visa must consult with the International Students and Scholars Center [24] to discuss the serious immigration consequences that may result from a withdrawal from ASU. Students on an F-1 or J-1 visa must provide medical documentation from a U.S. licensed medical doctor, doctor of osteopathy or licensed clinical psychologist.

Medical or compassionate withdrawal for students receiving Veterans Affairs benefits
Students who receive VA benefits must contact Pat Tillman Veterans Center for advisement on how their VA benefits may be affected. VA benefit recipients who withdraw from one or more courses may incur a debt with ASU or the VA, or both.

Complete session withdrawal
Because a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, beginning the first day of the fall and spring semesters, undergraduate students are required to contact the college or school of their major to facilitate the withdrawal process. Students should review the academic calendar [8] for complete session withdrawal deadlines.

To complete a full session withdrawal, students must complete the complete session withdrawal procedures [25].

Note: International students must contact the International Students and Scholars Center regarding intent to seek a complete session withdrawal by sending an email to issc@asu.edu. Students are notified of the status of the submission. If approval is granted, the completed session withdrawal is forwarded to the ASU Registrar's Office for processing.

Degree requirements

Exploratory tracks

All first-year students who choose to become an exploratory student are required to declare an exploratory track in one of four areas:

- exploratory health and life sciences [26]
- exploratory humanities, fine arts and design [27]
- exploratory math, physical sciences, engineering and technology [28]
- exploratory social and behavioral sciences [29]

Each of these tracks is designed to provide students with introductory courses in a field of choice (e.g., Introduction to Psychology, Introduction to Environmental Design), general studies curriculum and elective courses that reinforce student interests. Each exploratory track is composed of a three-semester major map, culminating in the declaration of a major by the completion of 45 credit hours.

All exploratory students are required to enroll in a major and career exploration class (UNI 150, 250 or 270) each semester the student remains designated as an exploratory student.

Readmission/reinstatement

Students who have been disqualified from ASU may be reinstated to University College for a fall or spring semester if they complete either of the following:

- Raise their cumulative ASU GPA to an academic good standing level (2.00) by taking ASU summer session courses.

- Complete 12 or more transferable credit hours of ASU general studies courses at a community college or an accredited college or university with no grade lower than a "C" and a GPA of 2.50 or higher. Courses in which the student failed or received a “D” at ASU should not be repeated at another institution.

Once readmitted, the student may be placed on academic probation for at least one semester. Students on probation have one semester to raise their cumulative or semester GPA to meet the required 2.00 GPA to remain at ASU. Failure to do so results in disqualification from the university. Students should meet with a University College advisor to identify their options and develop a plan for success.

Students who have been disqualified two or more times are not be reinstated until they achieve an ASU GPA of 2.00 or higher by taking summer courses.

Quick re-entry: Students who have had an absence from ASU for up to seven semesters may be eligible to return to the university via the quick re-entry process [7]. Students should see an advisor for additional information.

Readmission**:** Students not eligible for quick re-entry must submit an application for readmission [30] for the semester for which they wish to return to ASU. This readmission is contingent on meeting the requirements stated above.

Source URL: https://catalog.asu.edu/policies/uc

Links:
[1] https://provost.asu.edu/academic-integrity/policy
[2] https://asuacademicaffairs-advocate.symplicity.com/public_report/index.php/pid674387?rep_type=1000
[3] https://provost.asu.edu/academic-integrity/resources/students
[4] mailto:bruce.d.bailey@asu.edu
[5] https://public.powerdms.com/ASU/documents/1541854
[6] https://www.asu.edu/reportit/
[7] https://admission.asu.edu/undergrad/readmission
[8] https://registrar.asu.edu/academic-calendar
[9] https://catalog.asu.edu/ug_gsr
[10] https://catalog.asu.edu/undergraduatereq
[11] https://webapp4.asu.edu/myasu/
[12]
https://secure.na4.documents.adobe.com/public/esignWidget?wid=CBFCIBAA3AAABLblqZhCgYcW7DbPTm_9lOKPqzcaebgm3MsOZzTBMZOjP228D4yflc0EVZARcwliINiVUIHg*
[13] https://secure.na4.documents.adobe.com/public/esignWidget?wid=CBFCIBAA3AAABLblqZhABH1TdlB514tJeNqJMt-cEqGUUoPVog3MUDIeDk_TKe0Idwlw4jA_dcWNGgYw0c74*
[14]
https://secure.na4.documents.adobe.com/public/esignWidget?wid=CBFCIBAA3AAABLblqZhCOMf10wPzOCcNb7bcPR5yEdhFfum7BeIc9Mc2j4SWJvHwwhM0g6_DYxp8wK_EGEho*
[15] https://admission.asu.edu/transfer/transferring-credits
[16] https://public.powerdms.com/ABOR/documents/1491660
[17] https://admission.asu.edu/contact/undergraduate
[18] https://students.asu.edu/grades#repeating
[19] https://public.powerdms.com/ASU/documents/1560528
[20]
https://secure.na4.documents.adobe.com/public/esignWidget?wid=CBFCIBAA3AAABLblqZhBkVl97HmBfRD0eBAJHtoAbnq9HiVNR2S-ATLu1rC8oJLB3PESY2b7ZVFHxzni-gGQ*
[21] https://students.asu.edu/forms/medical-compassionate-withdrawal-request
[22] https://live-tuition-asu.ws.asu.edu/contact
[23]
https://secure.na4.documents.adobe.com/public/esignWidget?wid=CBFCIBAA3AAABLblqZhDc9unj0uO1FmzsIAK0benHtmONzrvox5YlontUwKVnGtNpdoCWniBMYv3JsoDFjmU*
[24] https://issc.asu.edu/

[25] https://registrar.asu.edu/Session_Withdrawal/UC
[26] https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHSCIEXPL/exploratory-health-and-life-sciences
[27] https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHUFAEXPL/exploratory-humanities-fine-arts-and-design
[28] https://degrees.apps.asu.edu/bachelors/major/ASU00/UCEMTPEXPL/exploratory-math-physical-sciences-engineering-and-technology
[29] https://degrees.apps.asu.edu/bachelors/major/ASU00/UCSBSEXPL/exploratory-social-and-behavioral-sciences
[30] https://admission.asu.edu/apply/first-year/readmission

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- Environmental and Resource Management, MS (ESERMMS)
- Environmental Engineering, MS (ESEVEMS)
- Graphic Information Technology, MS (ESGITMS)
- Human Systems Engineering (Aviation Human Factors), MS (ESHSEAHFMS)

- Human Systems Engineering (Health Systems), MS (ESHSEHSMS)
- Human Systems Engineering (Intelligent Systems), MS (ESHSEISMS)
- Human Systems Engineering (User Experience Research), MS (ESHSEUERMS)
- Human Systems Engineering, MS (ECAPSYCHMS)
- Human Systems Engineering, PHD (TSSMACSPHD)
- Industrial Engineering, MS (ESINDENMS)
- Industrial Engineering, PHD (ESINDENPHD)
- Information Technology, DIT (ESIFTDIT)
- Information Technology, MS (TSIFTMS)
- Innovations in Medical and Patient Care Technologies, MS (ESIMPCTMS)
- Lean Six Sigma Black Belt (Certificate), CERT (ESLSSBGRCT)
- Learning Engineering (Certificate), CERT (ESLEGRCT)
- Management of Technology, MS (ESMGMTCHMS)
- Manufacturing Engineering, MS (TSMEGRMS)
- Manufacturing Engineering, PHD (ESMFGPHD)
- Materials Science and Engineering, MS (ESMATEMS)
- Materials Science and Engineering, PHD (ESENMATPHD)
- Mechanical Engineering, MS (ESMEMS)
- Mechanical Engineering, PHD (ESMEPHD)
- Modern Energy Production and Sustainable Use, MS (ESMEPSUMS)
- Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), CERT (ESMCTBGRCT)
- Neural Engineering (Certificate), CERT (ESNENGRCT)
- Nuclear Power Generation (certificate), CERT (ESNPGGRCT)
- Robotics and Autonomous Systems (Artificial Intelligence), MS (ESRASAIMS)
- Robotics and Autonomous Systems (Biomedical Engineering), MS (ESRASBEMS)
- Robotics and Autonomous Systems (Electrical Engineering), MS (ESRASEEMS)
- Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS (ESRASMAEMS)
- Robotics and Autonomous Systems (Mechatronics and Automation), PHD (ESRASMAPHD)
- Robotics and Autonomous Systems (Systems Engineering), MS (ESRASSEMS)
- Semiconductor Processing (Certificate), CERT (ESSCPRGRCT)
- Sensor Signal and Information Processing (Certificate), CERT (ESSSIPGRCT)
- Software Engineering, MS (TSSERMS)
- Sustainable Engineering, MSE (ESSUEMSE)

- Systems Engineering, PHD (ESSYSPHD)
- Technology (Aviation Management and Human Factors), MSTech (TSHFMSTECH)
- Technology (Management of Technology), MSTech (TSMRMSTECH)
- User Experience, MS (ESUSEXMS)

Global Futures, College of

- Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)
- Applied Ethics and the Professions (Science, Technology and Ethics), MA (LAAEPSEEMA)
- Applied Mathematics for the Life and Social Sciences (Complex Adaptive Systems Science), PHD (LAAMLCPHD)
- Applied Mathematics for the Life and Social Sciences, PHD (LAAMLPHD)
- Biomimicry (Certificate), CERT (LABMYGRCT)
- Biomimicry, MS (LABMYMS)
- Coastal and Marine Science and Management, MS (GFCMSMMS)
- Complex Adaptive Systems Science (certificate), CERT (SUCASGRCT)
- Complex Adaptive Systems Science, PHD (GFCASPHD)
- Complex Systems Science, MS (GFCMPXSSMS)
- Energy and Sustainability (certificate), CERT (SUERGSGRCT)
- Environmental and Sustainability Economics (Certificate), CERT (SUESECGRCT)
- Food Policy and Sustainability Leadership (certificate), CERT (SUFPSLGRCT)
- Futures and Design, MS (GFFDMS)
- Global Development and Innovation (Certificate), CERT (FIGDIGRCT)
- Global Sustainability Science, MS (SUGSUSSMS)
- Global Technology and Development (Applied International Development), MS (FIGTDAIDMS)
- Global Technology and Development, MS (LSGTDMS)
- Human and Social Dimensions of Science and Technology, PHD (GCHSDSTPHD)
- Innovation in Global Development, PHD (FIIGDPHD)
- Nonfiction Writing and Publishing (Certificate), CERT (LANWPGRCT)
- Ocean Futures, PHD (GFSEAPHD)
- Public Interest Technology, MS (FIPITCHMS)
- Responsible Innovation in Science, Engineering and Society (certificate), CERT (GCRSESGRCT)

- Science and Technology Policy, MSTP (LAHSDPSM)
- Sustainability (Certificate), CERT (SUSUSGRCT)
- Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)
- Sustainability and Enterprise (Certificate), CERT (GFSEGRCT)
- Sustainability Leadership, EMSL (SUEMSLEMSL)
- Sustainability Leadership, MSL (SUSUSLMSL)
- Sustainability Solutions, MSUS (SUSUSOMSUS)
- Sustainability, MA (SUSUSTMA)
- Sustainability, MS (SUSUSTMS)
- Sustainability, PHD (SUSUSTPHD)
- Sustainable Energy, PHD (SUSUEPHD)
- Sustainable Food Systems, MS (SUSUSFSMS)

Global Management, Thunderbird School of

- Applied Leadership and Management, MALM (TBALMMALM)
- Global Affairs and Management (Executive), MA (TBGAMEMA)
- Global Affairs and Management, MA (TBGAMMA)
- Global Leadership and Management, DPP (TBGLMDPP)
- Global Leadership and Strategy, MGLS (TBGLSMGLS)
- Global Leadership and Strategy, MGLS (TBGLSXMGLS)
- Global Management (Creative Industries and Design Thinking), MGM (TBGMCIDMGM)
- Global Management (Data Science), MGM (TBGMDSCMGM)
- Global Management (Digital Audience Strategy), MGM (TBGMDASMGM)
- Global Management (Global Affairs), MGM (TBGMGAMGM)
- Global Management (Global Business), MGM (TBGMGBMGM)
- Global Management (Global Development and Innovation), MGM (TBGMGDIMGM)
- Global Management (Global Digital Transformation), MGM (TBGMGDTMGM)
- Global Management (Global Entrepreneurship), MGM (TBGMGEMGM)
- Global Management (Global Health Care Delivery), MGM (TBGMGHDMGM)
- Global Management (Global Health Care Innovation), MGM (TBTGMHCMGM)
- Global Management (Global Legal Studies), MGM (TBGMGLSMGM)
- Global Management (Nonprofit Leadership and Management), MGM (TBGMNLMGM)
- Global Management (Public Administration), MGM (TBGMPAMGM)

- Global Management (Public Policy), MGM (TBGMPPMGM)
- Global Management (Space Leadership, Business and Policy), MGM (TBGMSBPMGM)
- Global Management (Sustainability Solutions), MGM (TBGMSSMGM)
- Global Management (Sustainable Tourism), MGM (TBGMSTMGM)
- Global Management, Entrepreneurship and Innovation (Certificate), CERT (TBTGMGRCT)
- Global Management, MGM (TBTGMMGM)
- Global Management, MGM (TBTGMXMGM)
- Leadership and Management (Global Creative Industries), MLM (TBLDMGCMLM)
- Leadership and Management, MLM (TBLDMGMLM)

Graduate College

- Advanced Studies, MAS (GCADVSTMAS)

Health Solutions, College of

- Audiology, AuD (LAAUDAUDD)
- Auditory and Language Neuroscience, MS (NHALNEUMS)
- Behavioral Health (Clinical), DBH (NHBVHCDBH)
- Behavioral Health (Management), DBH (NHBVHMDBH)
- Biomedical Diagnostics, MS (NHBMDMS)
- Biomedical Informatics and Data Science, MS (ESBIOINFMS)
- Biomedical Informatics and Data Science, PHD (ESBMIPHD)
- Biostatistics, MS (NHBSTMS)
- Biostatistics, PHD (NHBSTPHD)
- Clinical Exercise Physiology, MS (NHCEPMS)
- Clinical Molecular Diagnostics (Certificate), CERT (NHCMDGRCT)
- Communication Disorders in Multilingual/Multicultural Populations (certificate), CERT (NHCDMPGRCT)
- Communication Disorders, MS (LACOMDISMS)
- Cytology, MS (NHCYTOLMS)
- Exercise and Nutritional Sciences, PHD (ECNUTRIPHD)
- Genetic Counseling, MS (NHGCOMS)
- Health Care Administration and Policy, MS (NHSHCDMS)
- Health Informatics, MAS (GCHLHINMAS)
- Integrated Behavioral Health - Clinical (Certificate), CERT (NHIBHCGRCT)

- Integrated Behavioral Health - Management (Certificate), CERT (NHIBHMGRCT)
- International Health Management, MIHM (NHIHMIHM)
- Medical Nutrition (Certificate), CERT (NHMNTRGRCT)
- Medical Nutrition, MS (NHMNTRMS)
- Nutritional Science (Dietetics), MS (ECNTRDMS)
- Nutritional Science, MS (ECHNUTMS)
- Population Health, MS (NHPOPHLMS)
- Population Health, PHD (NHPOPHLPHD)
- Science of Health Care Delivery (Certificate), CERT (NHHCDGRCT)
- Speech and Hearing Science (Auditory and Language Neuroscience), PHD (NHSHSALPHD)
- Speech and Hearing Science (Translational Genetics of Communication Abilities), PHD (NHSHSTGPHD)
- Speech and Hearing Science, PHD (LAHEARPHD)
- Strength and Conditioning, MS (NHSTRCDMS)

Integrative Sciences and Arts, College of

- Applied Biological Sciences, MS (TSAPBIOSMS)
- Counseling (School Counseling), MC (LSCOUNSCMC)
- Counseling Psychology, PHD (EDCPSYPHD)
- Counseling, MC (EDCOUNMC)
- Integrative Social Science, MS (LSISSMS)
- Liberal Studies, MLSt (LAMLSMLS)
- Narrative Studies, MA (LSNRSMA)
- Organizational Leadership (Certificate), CERT (LSORGLGRCT)
- Organizational Leadership, MS (LSORGLMS)
- Project Management (Certificate), CERT (LSPMGGRCT)
- Project Management, MPM (LSPMGMPM)
- Technical Communication (certificate), CERT (LSTECGRCT)
- Technical Communication, MS (LSTCCMMS)

Interdisciplinary Arts and Sciences, New College of

- Behavioral Data Science (Certificate), CERT (ASBHDSGRCT)
- Biological Data Science (Certificate), CERT (ASBDSGRCT)
- Biological Data Science, MS (ASBDSMS)
- Communication Studies, MA (ASCOMSTMA)

- English, MA (ASENGLMA)
- Forensic Psychology, MS (ASFPSYMS)
- Forensic Science, MS (ASFOREMS)
- Forensic Science, PSM (ASFRSCIPSM)
- Human Factors in Forensic Science (Certificate), CERT (ASHFFSGRCT)
- Industrial and Organizational Psychology (Certificate), CERT (ASIOPGRCT)
- Interdisciplinary Studies (Interdisciplinary Arts and Performance), MA (ASIDSIPMA)
- Interdisciplinary Studies, MA (ASINTERMA)
- Law and Psychology, PHD (ASLPSYPHD)
- Psychology (Industrial and Organizational Psychology), MS (ASPGSIOPMS)
- Psychology (Positive Psychology), MS (ASPGSPPMS)
- Psychology (Sport Psychology), MS (ASPGSSPMS)
- Psychology, MS (ASPGSMS)
- Social Data Science, MA (ASSTCMA)
- Social Justice and Human Rights (Certificate), CERT (ASJHRGRCT)
- Social Justice and Human Rights, MA (ASJHRMA)

Journalism and Mass Communication, Walter Cronkite School of

- Digital Audience Strategy, MS (CSDASMS)
- Digital Audiences (certificate), CERT (CSDASGRCT)
- Investigative Journalism, MA (CSINVJOUMA)
- Journalism and Mass Communication, PHD (CSJMCPHD)
- Mass Communication, MMC (CSMCOMMMC)
- Sports Journalism, MA (CSSPJMA)
- Strategic Communication, MA (CSSTRCOMMA)

Law, Sandra Day O'Connor College of

- Biotechnology and Genomics, LL.M. (LWGENOMLLM)
- Health Law and Policy (Certificate), CERT (LWHLPGRCT)
- Human Resources and Employment Law, MHREL (LWHREMHREL)
- Indian Law (certificate), CERT (LWLAWGRCI)
- Juris Doctor of Law, JD (LWJDJD)
- Law and Sustainability (Certificate), CERT (LWLSUSGRCT)
- Law, Science, & Technology (certificate), CERT (LWLAWSTCE)
- Laws (Global Legal Studies), LL.M. (LAWLGLPLLM)

- Laws, LL.M. (LAWLAWSLLM)
- Legal Studies, MLS (LWLGSMLEGS)
- Sports Law and Business, MSLB (LWSLBMSLB)
- Trial Advocacy (Certificate), CERT (LWTAGRCT)
- Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

Liberal Arts and Sciences, The College of

- Actuarial Science, MS (LAACTMS)
- Addiction and Substance-Use Related Disorders (certificate), CERT (LAASRDGRCT)
- Addiction Psychology, MS (LAADPSYMS)
- African and African American Studies (certificate), CERT (LAAFRICACE)
- American Indian Studies (Cultural Resource Revitalization and Sustainability), MS (LAAISCMS)
- American Indian Studies (Indigenous Rights and Social Justice), MS (LAAISIMS)
- American Indian Studies (Tribal Leadership and Governance), MS (LAAISTMS)
- American Indian Studies (Visual and Oral Culture), MS (LAAISVMS)
- American Studies (Certificate), CERT (LAAMSGRCT)
- American Studies, MA (LAAMSTMA)
- Animal Behavior, PHD (LAANBPHD)
- Anthropology (Complex Adaptive Systems Science), PHD (LAANTHCPHD)
- Anthropology (Urbanism), PHD (LAURBPHD)
- Anthropology, PHD (LAANTHRPHD)
- Applied Behavior Analysis, MS (LAAPBAMS)
- Applied Mathematics, PHD (LAAPMPHD)
- Applied Prevention Science (Certificate), CERT (LAAPSGRCT)
- Asian Languages and Civilizations (Chinese), MA (LACHINAMA)
- Asian Languages and Civilizations (Japanese), MA (LAJAPANMA)
- Asian Studies (certificate), CERT (LAASIANCE)
- Astrophysics and Astronomy, MS (LAASTPHMS)
- Astrophysics, PHD (LAASTPHPHD)
- Atmospheric Science (certificate), CERT (LAATMOSCE)
- Biochemistry (Medicinal Biochemistry), MS (LABCHMCMS)
- Biochemistry, MS (LABIOCHMS)
- Biochemistry, PHD (LABIOCHPHD)

- Biology (Biology and Society), MS (LABIOSMS)
- Biology (Biology and Society), PHD (LABIOSPHD)
- Biology (Complex Adaptive Systems Science), PHD (LABIOCPHD)
- Biology, MS (LABIOMS)
- Biology, PHD (LABIOPHD)
- Chemistry, MS (LACHEMMS)
- Chemistry, PHD (LACHEMPHD)
- Classical Liberal Education and Civic Leadership, MA (LACLEDLMA)
- Communication, MA (LACOMMOMA)
- Communication, PHD (LACOMMOPHD)
- Comparative Culture and Language, PHD (LAILCPHD)
- Computational Life Sciences (Certificate), CERT (LACMLSGRCT)
- Computational Life Sciences, MS (LACLSMS)
- Computer-Assisted Language Learning (Certificate), CERT (LACALLGRCT)
- Creative Writing, MFA (LACWRITMFA)
- Critical Theory (certificate), CERT (LACRTGRCT)
- Digital Humanities (Certificate), CERT (LACDHGRCT)
- Disability Studies (Certificate), CERT (LADISGRCT)
- East Asian Languages and Civilizations (Chinese), PHD (LAEALCPHD)
- English (English Education), PHD (LAENEDPHD)
- English (Literature), PHD (LAENLITPHD)
- English (Writing, Rhetorics, and Literacies), PHD (LAENRHTPHD)
- English Education, MA (LAENEDMA)
- English, MA (LAENGLMA)
- Environmental Communication and Leadership (Certificate), CERT (LAECLGRCT)
- Environmental Life Sciences, PHD (LAELSPHD)
- Environmental Social Science (Complex Adaptive Systems Science), PHD (LAESSCPHD)
- Environmental Social Science (Urbanism), PHD (LAESSURPHD)
- Environmental Social Science, PHD (LAESSPHD)
- Evolutionary Biology, PHD (LAEVOPHD)
- Evolutionary Medicine (Certificate), CERT (LAEVMDGRCT)
- Exploration Systems Design (Instrumentation), MS (LAESDIMS)
- Exploration Systems Design (Instrumentation), PHD (LAESDIPHD)
- Exploration Systems Design (Sensor Networks), MS (LAESDSNMS)
- Exploration Systems Design (Sensor Networks), PHD (LAESDSNPHD)

- Exploration Systems Design (Systems Engineering), MS (LAESDSEMS)
- Exploration Systems Design (Systems Engineering), PHD (LAESDSEPHD)
- Exploration Systems Design, MS (LAESDMS)
- Exploration Systems Design, PHD (LAESDPHD)
- Family and Human Development, MS (LAFAMHDMS)
- Family and Human Development, PHD (LAFAMSCPHD)
- Film and Media Studies, MAS (LAAMPCMAS)
- French (Comparative Literature), MA (LAFRECLMA)
- French (Linguistics), MA (LAFRELINMA)
- French (Literature), MA (LAFRELITMA)
- Gender Studies (certificate), CERT (LAWSTGRCT)
- Gender Studies, PHD (LAGSTPHD)
- Gender, Women and Sexuality Studies, MA (LAWSTMA)
- Geographic Education, MAS (LAGEOEDMAS)
- Geographic Information Science (certificate), CERT (LAGEOGISCE)
- Geographic Information Science, PHD (LAGISPHD)
- Geographic Information Systems, MAS (LAGISMAS)
- Geography, MA (LAGEOGMA)
- Geography, PHD (LAGEOGPHD)
- Geological Sciences, MS (LAGEOSCMS)
- Geological Sciences, PHD (LAGEOSCPHD)
- German, MA (LAGERMMA)
- Global Health, MA (LASSHMA)
- Global Health, MS (LASSHMS)
- Global Health, PHD (LASSHPHD)
- Global Security (Cybersecurity), MA (LAGSCSECMA)
- Global Security (Irregular Warfare), MA (LAGSCIWMA)
- Global Security and Competitive Statecraft (Certificate), CERT (LAGSCSGRCT)
- Global Security, MA (LAGSCMA)
- History and Philosophy of Science, PHD (LAHPSCIPHD)
- History, MA (LAHISTMA)
- History, PHD (LAHISTPHD)
- Holocaust and Genocide Studies (Certificate), CERT (LAHGSGRCT)
- Immigration Studies (certificate), CERT (LAIMMSTUCE)
- Indigenous Education, MA (LAIEDMA)
- Infant Family Practice, MAS (LACDEMAS)
- International Affairs and Leadership, MA (LAIALMA)

- Justice Studies, MS (LAJUSSTMS)
- Justice Studies, PHD (LAJUSSTPHD)
- Language Teaching, MA (LALANTCHMA)
- Linguistics (certificate), CERT (LALINGUICE)
- Linguistics and Applied Linguistics, MA (LALINMA)
- Linguistics and Applied Linguistics, PHD (LALINPHD)
- Marriage and Family Therapy, MAS (LAMFTMAS)
- Mathematics Education, PHD (LAMTEPHD)
- Mathematics, MA (LAMATHMA)
- Mathematics, PHD (LAMATHPHD)
- Medieval Studies (certificate), CERT (LAMEDSTCE)
- Microbiology, MS (LAMICROMS)
- Microbiology, PHD (LAMICROPHD)
- Molecular and Cellular Biology, MS (LACELLMS)
- Molecular and Cellular Biology, PHD (LACELLPHD)
- Museum Studies (certificate), CERT (LAMUSEUMCE)
- Museum Studies, MA (LAMUSSTMA)
- Nanoscience, PSM (LANANPSM)
- Natural Science (Earth and Space Sciences), MNS (LANATSCIMN)
- Natural Science (Physics), MNS (LAPHYSMNS)
- Neuroscience, MS (LABMENMS)
- Neuroscience, PHD (GCBMENPHD)
- Philosophy, MA (LAPHILMA)
- Philosophy, PHD (LAPHILPHD)
- Physics, MS (LAPHYSIMS)
- Physics, PHD (LAPHYSIPHD)
- Plant Biology and Conservation, MS (LAPLBIOMS)
- Political Psychology, MA (LAPPSMA)
- Political Science, MA (LAPOLSCMA)
- Political Science, PHD (LAPOLSCPHD)
- Psychology (Quantitative Research Methods), PHD (LAPSYQUPHD)
- Psychology, PHD (LAPSYCHPHD)
- Public History (Certificate), CERT (LAPHGRCT)
- Religious Studies, MA (LARELIGMA)
- Religious Studies, PHD (LARELIGPHD)
- Scientific Teaching in Higher Education (certificate), CERT (LASTHEGRCT)
- Sexuality Studies (Certificate), CERT (LASXSGRCT)

- Social and Cultural Pedagogy, MA (LASCPMA)
- Social Science Research Methods (Certificate), CERT (LASSRMGRCT)
- Social Transformation (Certificate), CERT (LASOTGRCT)
- Socio-Economic Justice (certificate), CERT (LAECJUGRCT)
- Sociology, MA (LASOCMA)
- Sociology, PHD (LASOCPHD)
- Spanish Language Pedagogy (certificate), CERT (LASPAPGRCT)
- Spanish Linguistics, PHD (LASPALIPHD)
- Spanish Literature and Culture, PHD (LASPANPHD)
- Spanish, MA (LASPANMA)
- Statistics and Data Science (Graduate Certificate) (Certificate), CERT (GCSTATCE)
- Statistics, MS (GCSTATMS)
- Statistics, PHD (LASTPPHD)
- Teaching English to Speakers of Other Languages, MTESOL (LAENGMTESL)
- Transborder Studies, MAS (LATCLMAS)
- Transborder Studies, PHD (LATCLPHD)
- Transdisciplinary Transportation Studies (certificate), CERT (GCTRANSCE)
- Translation Studies (Certificate), CERT (LALTSGRCT)
- Urban and Environmental Planning, MUEP (ARURBMUEP)
- Urban Planning, PHD (ARPUPPHD)
- World War II Studies, MA (LAWWSMA)

Nursing and Health Innovation, Edson College of

- Acute Care Pediatric Nurse Practitioner (certificate), CERT (NUACPNGRCT)
- Adult Gerontology Nurse Practitioner (Certificate), CERT (NUAGNPGRCT)
- Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP (NUANPACDNP)
- Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP (NUANPAGDNP)
- Advanced Nursing Practice (Family Nurse Practitioner), DNP (NUANPFNDNP)
- Advanced Nursing Practice (Innovation Leadership), DNP (NUANPILDNP)
- Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)
- Advanced Nursing Practice (Primary Care Pediatric Nurse Practitioner), DNP (NUANPPDNP)
- Advanced Nursing Practice (Psychiatric Mental Health Nurse Practitioner), DNP (NUANPCFDNP)

- Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP (NUANPWHDNP)
- Advanced Nursing Practice, DNP (NUANPDNP)
- Aging, MS (LAALDMS)
- Clinical Research Management (certificate), CERT (NUHCRGRCC)
- Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)
- Clinical Research Management, MS (NUCRMMS)
- Emergency Nurse Practitioner (Certificate), CERT (NUEMNPGRCT)
- Family Nurse Practitioner (certificate), CERT (NUFMPGRCE)
- Food Safety and Protection (certificate), CERT (NUFDSPGRCT)
- Health Care Innovation (Certificate), CERT (NUHCINGRCT)
- Health Care Simulation (Certificate), CERT (NUHCSGRCT)
- Health Care Simulation, MS (NUHCSMS)
- Healthcare Innovation, MHI (NUHCINNMHI)
- Innovation Leadership (Certificate), CERT (NUINLSGRCT)
- International Health for Healthcare Professionals (certificate), CERT (NUHCRGRCI)
- Interprofessional Healthy Aging (certificate), CERT (NUGNCERT)
- Nurse Education in Academic and Practice Settings (certificate), CERT (NUNURSEDCE)
- Nursing (Entry to Nursing Practice), MS (NUNRENPRMS)
- Nursing (Nursing Education), MS (NUNURSEDMS)
- Nursing and Healthcare Innovation, PHD (NUNHIPHD)
- Nursing, MS (NUNURDTMS)
- Primary Care Pediatric Nurse Practitioner (Certificate), CERT (NUPDNPGRCT)
- Psychiatric Mental Health Nurse Practitioner (certificate), CERT (NUPMNUPRCE)
- Regulatory and Clinical Research Management, DPP (NURCRMDPP)
- Regulatory Science (Food Safety), MS (NURGSCFSMS)
- Regulatory Science, MS (NURSHSMS)
- Women's Health Nurse Practitioner (Certificate), CERT (NUWHNPGRCT)

Public Service and Community Solutions, Watts College of

- Assessment of Integrative Health Modalities (certificate), CERT (PPSWGGRCH)
- Community Resources and Development (Nonprofits and NGOs), MS (PPCRDNPMS)

- Community Resources and Development (Parks and Recreation Management), MS (PPCRDPRMS)
- Community Resources and Development (Sustainable Communities), MS (PPCRDSCMS)
- Community Resources and Development (Tourism), MS (PPCRDTMMS)
- Community Resources and Development, MS (PPRECDTMS)
- Community Resources and Development, PHD (PPCRDPHD)
- Corrections Leadership and Management (Certificate), CERT (PPCMGGRCT)
- Crime Analysis (Certificate), CERT (PPCRMAGRCT)
- Crime Analysis, MS (PPCRIMANMS)
- Criminal Justice, DCJ (PPCRIMJDCJ)
- Criminal Justice, MA (PPCRIMJMA)
- Criminal Sentencing and Sentencing Advocacy (Certificate), CERT (PPCSAGRCT)
- Criminology and Criminal Justice, MS (PPCRJMS)
- Criminology and Criminal Justice, PHD (PPCRJPHD)
- Domestic Violence and Evidence-Based Practice (Certificate), CERT (PPDVEPGRCT)
- Emergency Management (Certificate), CERT (PPEMEGRCT)
- Emergency Management and Homeland Security (Biosecurity and Threat Management), MA (PPEMHSBTMA)
- Emergency Management and Homeland Security (Community Resilience), MA (PPEMHSCRMA)
- Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA (PPEHSCPMMA)
- Emergency Management and Homeland Security (Emergency Management), MA (PPEMHSEMMA)
- Emergency Management and Homeland Security (Homeland Security), MA (PPEMHSHSMA)
- Emergency Management and Homeland Security, MA (PPEMHSMA)
- Foundations in Gerontology (Certificate), CERT (PPGNTGRCT)
- Homeland Security (certificate), CERT (PPHLSGRCT)
- Latino Cultural Competency in Social Work (certificate), CERT (PPSWGGRCL)
- Law Enforcement Administration (Certificate), CERT (PPLEAGRCT)
- Nonprofit Leadership and Management (certificate), CERT (PPNONPROCE)
- Nonprofit Leadership and Management, MNLM (PPNPSMNS)
- Participatory Governance (certificate), CERT (PPPGOGRCT)
- Policy Informatics (Certificate), CERT (PPPOIGRCT)
- Program Evaluation (Certificate), CERT (PPPGEVGRCT)

- Program Evaluation and Data Analytics, MS (PPPGEMS)
- Public Administration (Certificate), CERT (PPPUAGRCT)
- Public Administration (Emergency Management), MPA (PPPAFEMPA)
- Public Administration (Nonprofit Administration), MPA (PPNONPRMPA)
- Public Administration (Public Finance), MPA (PPPAFPMPA)
- Public Administration (Urban Management), MPA (PPPAFUMPA)
- Public Administration and Policy, PHD (PPPUBADPHD)
- Public Administration, EMPA (PPPUAEMPA)
- Public Administration, MPA (PPPADTMPA)
- Public Policy (Certificate), CERT (PPPUPGRCT)
- Public Policy (Environmental Policy), MPP (PPPUPEPMPP)
- Public Policy (Policy Informatics), MPP (PPPUPPIMPP)
- Public Policy (Science and Technology Policy), MPP (PPPUPSTMPP)
- Public Policy, MPP (PPPUBPMPP)
- Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA (PPPSEMMPSL)
- Public Safety Leadership and Administration (Executive Fire Administration), MPSLA (PPPSEFMPSL)
- Public Safety Leadership and Administration (Executive Police Administration), MPSLA (PPPSEPMPSL)
- Public Safety Leadership and Administration, MPSLA (PPPSLAMPSL)
- Social Entrepreneurship and Community Development (certificate), CERT (PPSECDGRCT)
- Social Work - Advanced Standing - Advanced Generalist, MSW (PPASWMSW)
- Social Work (Advanced Direct Practice), MSW (PPAPDTMSW)
- Social Work (Policy, Administration and Community Practice), MSW (PPCPDTMSW)
- Social Work, MSW (PPSWDMSW)
- Social Work, PHD (PPSW2PHD)
- Sustainable Tourism (certificate), CERT (PPSTGRCT)
- Sustainable Tourism, MST (PPSUSTMST)
- Trauma and Bereavement (certificate), CERT (HSCTBGRCT)

Teaching and Learning Innovation, Mary Lou Fulton College for

- Applied Behavior Analysis (Certificate), CERT (TEABAGRCT)
- Autism Spectrum Disorders (Certificate), CERT (EDSPEGRCA)
- Curriculum and Instruction (Early Childhood Education), MEd (TEECDMED)
- Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)

- Early Childhood Education (Teacher Certification), MEd (TEECDTCMED)
- Early Childhood Education, MEd (TEECEDMED)
- Early Childhood Special Education (Teacher Certification), MEd (TEECSTCMED)
- Early Childhood Special Education, MEd (TEECSMED)
- Educating Multilingual Learners (Certificate), CERT (TEESLGRCT)
- Education (Accomplished Teaching), MA (EDACCTCMA)
- Education (Educating Multilingual Learners), MA (EDESLMA)
- Education (Literacy Education), MA (EDLANGMA)
- Education for Planetary Futures, MA (TEEPFMA)
- Education, MA (TEEDUMA)
- Educational Leadership (Principalship), MEd (TEPRINMED)
- Educational Leadership, MEd (EDSUPVMED)
- Educational Policy and Evaluation, PHD (EDLDRSHPHD)
- Educational Policy, MA (EDSPFMA)
- Educational Technology, PHD (EDTECHPHD)
- Elementary Education (Teacher Certification), MEd (TEEEACLMED)
- Elementary Education, MEd (TEELEMMED)
- Environmental Education (Certificate), CERT (TEEVEDGRCT)
- Gifted Education (Certificate), CERT (TEGEDGRCT)
- Global Education, MEd (TEGLOEDMED)
- Higher and Postsecondary Education, MEd (EDPOSTMED)
- Institutional Research and Policy Analysis (certificate), CERT (EDINSRESCE)
- Interdisciplinary Education on Community Health and Wellbeing, MA (TEIECHWMA)
- Leadership and Innovation (Policy and Administration), EdD (TEINNPAEDD)
- Leadership and Innovation, EdD (TELINEDD)
- Learning Design and Technologies (certificate), CERT (EDEDTGRCT)
- Learning Design and Technologies, MEd (EDTECHMED)
- Learning Sciences, MA (EDPSYCHMA)
- Learning, Literacies and Technologies, PHD (EDCIPHD)
- Online Teaching for Grades K-12 (certificate), CERT (TEEDTGRCT)
- Secondary Education (Teacher Certification), MEd (TESCERTMED)
- Secondary Education, MEd (TESECEDMED)
- Special Education (Applied Behavior Analysis), MA (TESPEABAMA)
- Special Education (Autism Spectrum Disorder), MA (TESPEASDMA)
- Special Education (Teacher Certification), MEd (TESECRTMED)

- Special Education, MA (EDSPEDMA)
- Special Education, MEd (ECSPEDMED)
- Teacher Certification (Certificate), CERT (TETEACGRCT)
- Technology for Teaching and Learning (certificate), CERT (EDEDTTGRCT)

Technology for Public Health, School of

- Public Health (Public Health Technology), MPH (THPHPHTMPH)
- Public Health Technology, MS (THPHTMS)

Undergraduate Programs

Minors (Program Descriptions and Requirements)

- African and African American Studies (Minor) (LAAFRMIN)
- Aging (Minor) (ASALDMIN)
- American Indian Studies (Minor) (LAAISMIN)
- American Studies (Minor) (ASAMSMIN)
- Animation (Minor) (HIANIMMIN)
- Anthropology (Minor) (LAASBMIN)
- Applied Biological Sciences (Minor) (TSABSMIN)
- Applied Computing (Minor) (ASACOMIN)
- Applied Ethics (Minor) (ASAPETHMIN)
- Applied Mathematics (Minor) (ASAPMMIN)
- Applied Mathematics (Minor) (LSAPMMIN)
- Arabic Studies (Minor) (LAARBMIN)
- Architectural Studies (Minor) (ARSTDMIN)
- Art History (Minor) (FAARTHMIN)
- Asian Languages - Chinese (Minor) (LACHIMIN)
- Asian Languages - Japanese (Minor) (LAJPNMIN)
- Asian Pacific American Studies (Minor) (LAAPAMIN)
- Astronomy (Minor) (LAASTMIN)
- Astrophysics (Minor) (LAASTPHMIN)
- Behavior Analysis (Minor) (TEBEHANMIN)
- Biochemistry (Minor) (LABCHMIN)
- Biological Sciences (Minor) (LABIOMIN)
- Biology (Minor) (ASLSCMIN)
- Business (Minor) (BABUSMIN)
- Chemistry (Minor) (ASCHMMIN)

- Chemistry (Minor) (LACHMMIN)
- Civic and Economic Thought and Leadership (minor) (LACELMIN)
- Classical Civilizations (Minor) (LACLCVMIN)
- Classics (Minor) (LACLAMIN)
- Communication (Minor) (HSCMNMIN)
- Communication (Minor) (LACOMMIN)
- Communication (Minor) (LSCOMMIN)
- Community Health (Minor) (NUCHLTMIN)
- Community Sports Management (Minor) (PPCSMMIN)
- Computational Mathematical Sciences (Minor) (LACMSMIN)
- Conflict Resolution (minor) (ASCNRMIN)
- Construction Management (minor) (ESCMGMIN)
- Counseling and Applied Psychological Science (Minor) (LSCAPSMIN)
- Criminology and Criminal Justice (Minor) (PPCRJMIN)
- Dance (Minor) (FADANMIN)
- Data Science (Minor) (LADATSCMIN)
- Design Studies (Minor) (ARDSNMIN)
- Digital Audiences (Minor) (CSDAUMIN)
- Digital Media Literacy (Minor) (CSDMLMIN)
- Disability Studies (Minor) (ASDISASMIN)
- Early Childhood Education (Minor) (TEECEDMIN)
- Economics (Minor) (LAECNMIN)
- Educational Studies (Minor) (TEEDSTMIN)
- Engineering Management (Minor) (ESENMMIN)
- English - Linguistics (Minor) (LAENGMINN)
- English - Literature (Minor) (LAENGMINT)
- English (Minor) (ASENGMIN)
- English (Minor) (LAENGMIN)
- English (Minor) (LSENGMIN)
- Environmental and Resource Management (Minor) (ESERMMIN)
- Environmental Science (Minor) (ASENVMIN)
- Ethnic Studies (Minor) (ASETHMIN)
- Family and Human Development (Minor) (LAFASMIN)
- Fashion (minor) (HIFSHMIN)
- Film and Media Production (Minor) (FAFMPMIN)
- Film and Media Studies (Minor) (LAFMSMIN)
- Food and Nutrition Entrepreneurship (Minor) (ECFNTRMIN)

- Forensic Psychology (Minor) (ASFPSYMIN)
- Forensic Science (Minor) (ASFOREMIN)
- French (Minor) (LAFREMIN)
- Gender, Women and Sexuality Studies (Minor) (ASWSTMIN)
- Gender, Women and Sexuality Studies (Minor) (LAWSTMIN)
- Geography (Minor) (LAGCUMIN)
- Geological Sciences (Minor) (LAGLGMIN)
- German (Minor) (LAGERMIN)
- Global Health (Minor) (LASSHMIN)
- Global Studies (Minor) (LASGSMIN)
- Health Care Compliance and Regulations (Minor) (NUHCCRMIN)
- Health Care Coordination (Minor) (NUHCCOMIN)
- Health Innovation (Minor) (NUHCIMIN)
- History (Minor) (ASHISMIN)
- History (Minor) (LAHISMIN)
- History (Minor) (LSHISMIN)
- History of Science, Technology and Innovation (Minor) (LSHSIIMIN)
- Human Nutrition (Minor) (ECNTRMIN)
- Human Systems Engineering (Minor) (ESHSEMIN)
- Innovation in Society (Minor) (FIFISMIN)
- Instructional Design (Minor) (TELDTMIN)
- Integrative Health (Minor) (NUIHLTMIN)
- Integrative Social Science (Minor) (LSISSMIN)
- Interdisciplinary Organizational Studies (Minor) (ASIOSMIN)
- Interior Design History (Minor) (ARINTMIN)
- Italian (Minor) (LAITAMIN)
- Justice Studies (Minor) (LAJUSMIN)
- Kinesiology (Minor) (NHKINMIN)
- Korean (Minor) (LAKORMIN)
- Landscape Studies (Minor) (ARLNDMIN)
- Latin American Studies (Minor) (ASLASMIN)
- Materials Science and Engineering (Minor) (ESMSEMIN)
- Mathematics (Minor) (ASMATHMIN)
- Mathematics (Minor) (LAMATMIN)
- Media Analysis (Minor) (CSCMOMINA)
- Media Arts and Sciences (Minor) (HIDGCMIN)
- Media Content Creation (Minor) (CSMCCMIN)

- Medical Studies (Minor) (NHMESTMIN)
- Military Leadership (Minor) (LAMISMIN)
- Music (Minor) (FAMUSMIN)
- Music Performance (Minor) (HIMUSPMIN)
- Music Theatre (Minor) (HIMUTHRMIN)
- Neuroscience (Minor) (LABMENMIN)
- Nonprofit Leadership and Management (Minor) (PPNLMMIN)
- Nutrition and Healthy Living (Minor) (NUNHLMIN)
- Organizational Leadership (Minor) (LSORGLMIN)
- Parks and Protected Area Management (Minor) (PPPRMMINT)
- Personal Health (minor) (NHPHLMIN)
- Pharmacology and Toxicology (Minor) (ASPTXMIN)
- Philosophy (Minor) (ASPHIMIN)
- Philosophy (Minor) (LAPHIMIN)
- Physics (Minor) (LAPHYMIN)
- Physics (Minor) (LSPHYMIN)
- Political Science (Minor) (ASPOLMIN)
- Political Science (Minor) (LAPOSMIN)
- Popular Music (Minor) (HIMSCMIN)
- Portuguese (Minor) (LAPORMIN)
- Project Management (Minor) (LSPROMAMIN)
- Psychology (Minor) (ASPGSMIN)
- Psychology (Minor) (LAPGSMIN)
- Psychology (Minor) (LSPGSMIN)
- Public Relations and Strategic Communications (Minor) (HSPRSMIN)
- Public Service & Public Policy (Minor) (PPPAFMIN)
- Real Estate (Minor) (BAREAMIN)
- Recreation Management (Minor) (PPRECMIN)
- Recreational Therapy (Minor) (PPRECTMIN)
- Religious Studies (Minor) (ASRELMIN)
- Religious Studies (Minor) (LARELMIN)
- Romanian (Minor) (LAROMMIN)
- Russian (Minor) (LARUSMIN)
- Science, Technology and Society (Minor) (ECSTSMIN)
- Slavic Studies (Minor) (LASLVMIN)
- Social and Behavioral Sciences (Minor) (ASSBSMIN)
- Social Justice and Human Rights (Minor) (ASJHRMIN)

- Social Welfare (Minor) (LASSWMIN)
- Sociocultural Anthropology (Minor) (ASASBMIN)
- Sociology (Minor) (ASSOCMIN)
- Sociology (Minor) (LASOCMIN)
- Spanish (Minor) (ASSPAMIN)
- Spanish (Minor) (LASPAMIN)
- Spanish (Minor) (LSSPAMIN)
- Special Events Management (Minor) (HSEVNMIN)
- Speech and Hearing Science (Minor) (LASHSMIN)
- Statistics (Minor) (ASSTAMIN)
- Statistics (Minor) (LASTAMIN)
- Stress Management, Mindfulness and Resilience (Minor) (PPSMMRMIN)
- Studio Art (Minor) (HISTARTMIN)
- Sustainability (Minor) (SUSUSMIN)
- Sustainable Food Systems (Minor) (GFSUSFSMIN)
- Sustainable Tourism (Minor) (PPTDMSMIN)
- Technical Communication (minor) (LSTWCMIN)
- Technological Entrepreneurship and Management (minor) (ESTEM2MIN)
- Technological Leadership (Minor) (LATECLDMIN)
- Theatre - Costume Design and Technology (Minor) (HITHCDTMIN)
- Theatre - Sound Design and Technology (Minor) (HITHSDTMIN)
- Theatre (Minor) (FATHEMIN)
- Tourism Development and Management (Minor) (PPTDMMIN)
- Transborder Chicana/o and Latina/o Studies (Minor) (LATCLMIN)
- Urban Planning (Minor) (ARPUPMIN)
- Wellness Foundations (Minor) (ECEXWMIN)
- Writing, Rhetorics and Literacies (Minor) (LAWRHLMIN)
- Youth Services Leadership (Minor) (HSYSLMIN)

Undergraduate Programs

Certificates (Program Descriptions and Requirements)

- Accountancy (Certificate), CERT (BAACCCERT)
- Actuarial Science (Certificate), CERT (LAACTCERT)
- African and American Studies (certificate), CERT (LAAFRCERT)
- American Indian Nation Governance (Certificate), CERT (LAAIGVCERT)

- Analysis and Management of Insurance Risk (Certification), CERT (LAAMIRCERT)
- Applied Business Data Analytics (certificate), CERT (BABDACERT)
- Applied Cybersecurity (Certificate), CERT (ASACSCERT)
- Applied Social Sciences (Certificate), CERT (ASAPSSCERT)
- Arabic Studies (certificate), CERT (LAARBCERT)
- Artificial Intelligence and Digital Media (Certificate), CERT (HIAIDMCERT)
- Arts and Humanities in Games (Certificate), CERT (ASAHGCERT)
- Arts Entrepreneurship (Certificate), CERT (HITHAECERT)
- Arts in Education (Certificate), CERT (HIAEDCERT)
- Asian Pacific American Studies (certificate), CERT (LAAPACERT)
- Asian Studies (certificate), CERT (LAASNCERT)
- Atmospheric Sciences (Certificate), CERT (LAATMSCERT)
- Bilingual Education and English as a Second Language (Certificate), CERT (TEESLCERT)
- Biomedical Research (Certificate), CERT (ASBMRCERT)
- Biomimicry (Certificate), CERT (SUBMYCERT)
- Brazilian Studies (certificate), CERT (LABZSCERT)
- Civic Education (certificate), CERT (LACVECERT)
- Civil Communication (Certificate), CERT (LACCOMCERT)
- Classical Studies (certificate), CERT (LACLGCERT)
- Communication Sciences and Disorders (Certificate), CERT (NHCSDCERT)
- Communication Training and Assessment (Certificate), CERT (ASCTACERT)
- Community-Engaged Practices in Design and the Arts (Certificate), CERT (HISEPCERT)
- Computational Life Sciences (Certificate), CERT (LACLSICERT)
- Computer Gaming (certificate), CERT (ESSCICERT)
- Convention Sales and Meeting Planning (certificate), CERT (PPTDMCERT)
- Correctional Studies (certificate), CERT (PPCRTSCERT)
- Criminal Investigations (Certificate), CERT (PPCRICERT)
- Cross-Sector Leadership (Certificate), CERT (PPCSLDCERT)
- Cryptology (certificate), CERT (LACRYCERT)
- Data Science (Certificate), CERT (ASDTSCERT)
- Desert Food Production (Certificate), CERT (LSDFPRCERT)
- Digital Business Innovation (certificate), CERT (BADBICERT)
- Disability Studies (Certificate), CERT (LADISCERT)
- Diversity and Equity Studies (Certificate), CERT (ASDESCERT)

- Domestic Violence and Evidence-based Practice (certificate), CERT (PPDVEPCERT)
- Early Childhood Education (Certificate), CERT (TEECDCERT)
- Early Childhood Special Education (Certificate), CERT (TEECSCERT)
- Economic Justice (certificate), CERT (LAECNJCERT)
- Elementary Education (Certificate), CERT (TEEEDCERT)
- Emergency Management (Certificate), CERT (PPEMECERT)
- Emergency Management Essentials (Certificate), CERT (PPEMESCERT)
- Energy and Sustainability (Certificate), CERT (SUESUCERT)
- Entrepreneurship and Innovation (certificate), CERT (BAKEICERT)
- Environmental Education (Certificate), CERT (TEEVEDCERT)
- Environmental Humanities (certificate), CERT (LAENHCERT)
- Environmental Humanities (certificate), CERT (LSENHCERT)
- Environmental Justice (Certificate), CERT (ASEJCERT)
- Essentials of Credit and Leasing (Certificate), CERT (BAECLCERT)
- Ethics (certificate), CERT (LAETHCERT)
- Ethnic Studies (certificate), CERT (ASETHCERT)
- European Studies (Certificate), CERT (LAESCERT)
- Evolutionary Medicine (Certificate), CERT (LAEVMDCERT)
- Family Communication (Certificate), CERT (ASFAMCCERT)
- Field Geology (Certificate), CERT (LAFDGCERT)
- Film and Video Studies (certificate), CERT (ASVIDCERT)
- Food Industry Management and Marketing (Certificate), CERT (BAFIMMCERT)
- Gender, Women and Sexuality Studies (Certificate), CERT (ASWSTCERT)
- Gender, Women and Sexuality Studies (Certificate), CERT (LAWSTCERT)
- Geographic Information Science (certificate), CERT (LAGISCERT)
- Global Engineering (Certificate), CERT (ESGBENCERT)
- Global Management (Certificate), CERT (TBTGMCERT)
- Globalization and Culture (certificate), CERT (LAGLCCERT)
- Hazardous Materials and Waste Management (certificate), CERT (TSETMCERT)
- Health and Wellness Coach (Certificate), CERT (NHHWCCERT)
- Health Care Policy and Delivery (Certificate), CERT (NHHCPDCERT)
- Health Education Specialist (Certificate), CERT (NHHEDSCERT)
- History and Philosophy of Science (certificate), CERT (LAHPSCERT)
- Homeland Security (Certificate), CERT (PPHSLCERT)
- Hospice and Palliative Care (Certificate), CERT (NHHAPCCERT)

- Human Rights (certificate), CERT (LAHRTSCERT)
- Indoor Farming (Certificate), CERT (LSIFRMCERT)
- Informatics (certificate), CERT (ESCPICERT)
- Innovation for Impact (Certificate), CERT (FIIFICERT)
- Interdisciplinary Health Humanities (certificate), CERT (LAIHHUCERT)
- International Business Studies (certificate), CERT (BAIBSCERT)
- International Cinema (Certificate), CERT (LAICINCERT)
- International Relations (Certificate), CERT (LAINSCERT)
- International Trade (Certificate), CERT (TBINTRCERT)
- Islamic Studies (certificate), CERT (LAISLCERT)
- Jewish Studies (certificate), CERT (LAJUDCERT)
- Juvenile Justice (Certificate), CERT (PPJVJUCERT)
- Korean Studies (Certificate), CERT (LAKORCERT)
- Latin American Studies (certificate), CERT (LALASCERT)
- Latino Politics and Policy (Certificate), CERT (LALPPCERT)
- Law and Human Behavior (Certificate), CERT (PPLWHBCERT)
- Law Enforcement in Parks and Protected Areas (Certificate), CERT (PPLEPPCERT)
- Leadership and Ethics (certificate), CERT (PPLDECERT)
- Leadership in Business (Certificate), CERT (BALIBCERT)
- Leadership, Ethics and Service (Certificate), CERT (PPLETSCERT)
- Legal Issues in Criminal Justice (Certificate), CERT (PPLCRJCERT)
- Lesbian, Gay, Bisexual, and Transgender Studies (certificate), CERT (PPLGBTCERT)
- Maritime Logistics (Certificate), CERT (BALGMACERT)
- Mathematical Concepts of Engineering (Certificate), CERT (LAMACECERT)
- Media Arts and Sciences (Certificate), CERT (HIDGCCERT)
- Mild/Moderate Special Education (Certificate), CERT (TEMSPECERT)
- Military Studies (Certificate), CERT (LSMILSCERT)
- Modern Hebrew (Certificate), CERT (LAHEBCERT)
- Music Entrepreneurship (Certificate), CERT (HIMERTCERT)
- Nonprofit Professional (Certificate), CERT (PPNPYCERT)
- Nutrition Education and Counseling (Certificate), CERT (ECNTRECERT)
- Oral History and Storytelling (certificate), CERT (ASOHCCERT)
- Organizational Leadership (Certificate), CERT (LSORGLCERT)
- Peace Corps Prep (Certificate), CERT (LSPCPRCERT)
- Personal Fitness Training (Certificate), CERT (NHPFITCERT)

- Philosophy, Politics and Economics (Certificate), CERT (LAPHPECERT)
- Philosophy, Rhetoric and Literature (certificate), CERT (ASPRLCERT)
- Planetary Science (Certificate), CERT (LAPLSCERT)
- Political Economy (Certificate), CERT (LAPLECERT)
- Political Entrepreneurship through Internships: Local to Global, CERT (LAPEICERT)
- Political History and Leadership (certificate), CERT (LAPTLCERT)
- Power and Society (Certificate), CERT (ASPWSOCERT)
- Professional Sales (certificate), CERT (BAPRSCERT)
- Project Management Essentials (Certificate), CERT (LSPMGECERT)
- Public Administration and Public Management (certificate), CERT (PPPAFCERT)
- Recreational Therapy (Certificate), CERT (PPRECTCERT)
- Religion, Conflict and Peace (certificate), CERT (LARELCERT)
- Risk Communication (certificate), CERT (ASRCMCERT)
- Risk Management (Certificate), CERT (BARMGTCERT)
- Russian and East European Studies (certificate), CERT (LAREECERT)
- Sales and Marketing Essentials (certificate), CERT (BASMECERT)
- School Nutrition (Certificate), CERT (ECNTRCERC)
- Secondary Education (certificate), CERT (TESEDCERT)
- Security Studies (Certificate), CERT (PPSCSCERT)
- Small Business and Entrepreneurship (certificate), CERT (BASMBCERT)
- Social Science Research Methods (Certificate), CERT (LASSRMCERT)
- Social Transformation Certificate, CERT (LASOTCERT)
- Socio-Legal Studies (certificate), CERT (LASLSTCERT)
- Spanish for the Professions (certificate), CERT (LSSPPRFCER)
- Special Events Management (certificate), CERT (HSRTMUERT)
- Speech-Language Pathology Assistant (certificate), CERT (LASLPACERT)
- Sports Business (certificate), CERT (BASPBCERT)
- Sports, Cultures and Ethics (Certificate), CERT (LASPCECERT)
- Stress Management, Mindfulness and Resilience (Certificate), CERT (PPSMMRCERT)
- Sustainable Food Systems (Certificate), CERT (SUFSUCERT)
- Symbolic, Cognitive and Linguistic Systems (certificate), CERT (LAPHICERT)
- Teaching English to Speakers of Other Languages (TESOL)(Certificate), CERT (LATESLCERT)
- Transformation and Change (Certificate), CERT (ASTNCHCERT)
- Translation (Certificate), CERT (LASPACERT)

- Veterans, Society and Service (Certificate), CERT (LAVSSCERT)
- Vocal Pedagogy (Certificate), CERT (HIVCLPCERT)
- Water Resources (Certificate), CERT (LAWATRCERT)
- Wildlife Management (Certificate), CERT (LSWLMCERT)
- Working with Military Families (Certificate), CERT (LAWWMFCERT)
- Workplace Communication (Certificate), CERT (LAWCOMCERT)
- Writing (Certificate), CERT (ASWRTCERT)
- Writing (Certificate), CERT (LSWRTCERT)

Undergraduate Programs

Undergraduate Degrees (Program Descriptions)

Business, W. P. Carey School of

- Accountancy, BS (BAACCBS)
- Applied Business and Technology Solutions, BA (BAAPBTSBA)
- Artificial Intelligence in Business, BS (BAAIBBS)
- Business (Agribusiness Innovation and Technology), BA (BABUSGAGBA)
- Business (Business Administration), BA (BABUSBABA)
- Business (Communication), BA (BABUSCBA)
- Business (Corporate Accounting), BA (BABUSCABA)
- Business (Financial Planning), BA (BABUSFPBA)
- Business (Food Industry Management), BA (BABUSFIMBA)
- Business (Global Leadership), BA (BABUSGBA)
- Business (Global Logistics Management), BA (BABUSGLBA)
- Business (Global Politics), BA (BABUSGPBA)
- Business (Health Care), BA (BABUSHCBA)
- Business (Human Resources), BA (BABUSHRBA)
- Business (Information Security), BA (BABUSISBA)
- Business (Language and Culture), BA (BABSLACUBA)
- Business (Law), BA (BABUSLBA)
- Business (Public Service and Public Policy), BA (BABUSPBA)
- Business (Retail Management), BA (BABUSRBA)
- Business (Sports Business), BA (BABUSMSBA)
- Business (Statistics), BA (BABUSTABA)
- Business (Sustainability), BA (BABUSSBA)
- Business (Technology), BA (BABUSTCBA)

- Business (Tourism), BA (BABUSTBA)
- Business Data Analytics, BS (BABDABS)
- Business Entrepreneurship, BS (BABUENTBS)
- Business Exploratory, Pre-Prof/E (BABUSEXP)
- Business, BA (BABUSBA)
- Computer Information Systems, BS (BACISBS)
- Economics, BS (BAECNBS)
- Entrepreneurial Leadership, BA (BAENTLBA)
- Finance, BS (BAFINBS)
- Financial Technology, BS (BAFINTBS)
- Logistics (Maritime), AS (BALGMARAS)
- Management, BS (BAMGTBS)
- Marketing (Digital), BS (BAMKDIMCBS)
- Marketing (Professional Sales), BS (BAMKTPSBS)
- Marketing, BS (BAMKTBS)
- Real Estate and Applied Finance, BS (BAREAFBS)
- Supply Chain Management, BS (BASCMBS)

Design and the Arts, Herberger Institute for

- Apparel Technical Design, AA (HIATDAA)
- Architectural Studies, BSD (ARSTDBSD)
- Art (Animation), BFA (HIARTANBFA)
- Art (Art Education), BFA (FAARTEBFA)
- Art (Art History), BA (FAARTHBA)
- Art (Art Studies), BA (FAARTSTDBA)
- Art (Art Therapy), BFA (HIARTATBFA)
- Art (Ceramics), BFA (FAARTCBFA)
- Art (Digital Photography), BFA (HIARTDPBFA)
- Art (Drawing), BFA (FAARTDBFA)
- Art (Expanded Arts), BFA (FAARTIBFA)
- Art (Museum Studies), BA (FAARTMSBA)
- Art (Painting and Drawing), BFA (HIARTPDBFA)
- Art (Painting), BFA (FAARTPABFA)
- Art (Photography), BFA (FAARTPHBFA)
- Art (Printmaking), BFA (FAARTPMBFA)
- Art (Sculpture), BFA (FAARTSBFA)
- Art (Textiles), BFA (FAARTFBFA)

- Costume Design and Technology for the Creative Industries, BFA (HICOSBFA)
- Dance (Dance Education), BFA (FADANEBFA)
- Dance, BFA (FADANBFA)
- Environmental Design, BS (HIEDSBS)
- Fashion (Apparel Product Development), BA (HIFSHAPDBA)
- Fashion (Apparel Technical Design), BA (HIFSHATDBA)
- Fashion (Design), BA (HIFSHDBA)
- Fashion (Merchandising), BA (HIFSHMBA)
- Fashion Styling, AA (HIFSHAA)
- Fashion, BA (HIFSHBA)
- Film (Film and Media Production), BA (FAFLMBA)
- Film (Filmmaking Practices), BA (FAFPRBA)
- Film and Media Production (Cinematography), BFA (HIFMPCBFA)
- Film and Media Production (Directing), BFA (HIFMPDBFA)
- Film and Media Production (Post-Production), BFA (HIFMPPBFA)
- Film and Media Production (Screenwriting), BFA (HIFMPSBFA)
- Film and Media Production, BFA (HIFMPBFA)
- Game Design, BS (HIGMDESBS)
- Graphic Design, BSD (ARGRABSD)
- Industrial Design, BSD (ARINDBSD)
- Interior Design, BSD (ARINTBSD)
- Landscape Architecture, BSLA (ARPLABSLA)
- Media Arts and Sciences (Art), BA (HIDGCABA)
- Media Arts and Sciences (Design), BA (HIDGCDBA)
- Media Arts and Sciences (Education), BA (HIMASEDBA)
- Media Arts and Sciences (English), BA (HIDGCENBA)
- Media Arts and Sciences (Film), BA (HIDGCFBA)
- Media Arts and Sciences (Games and Interactive Media), BS (HIMASGIMBS)
- Media Arts and Sciences (Graphic Information Technology), BA (HIDGCTEBA)
- Media Arts and Sciences (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)
- Media Arts and Sciences (Media Processing), BS (HIDGCMPBS)
- Media Arts and Sciences (Music), BA (HIDGCMBA)
- Media Arts and Sciences (Theatre), BA (HIDGCTBA)
- Media Arts and Sciences, BA (HIDGCBA)
- Merchandising, AA (HIMERCHAA)

- Music (Music and Culture), BA (HIMUSMCBA)
- Music (Popular Music), BA (HIMUSPMBA)
- Music Learning and Teaching, BMUS (FAMUSEBM)
- Music Therapy, BMUS (FAMUSTHBM)
- Music, BA (FAMUSBA)
- Performance (Collaborative Piano), BMUS (FAMUSPPBM)
- Performance (Guitar), BMUS (FAMUSPGBM)
- Performance (Jazz), BMUS (FAMUSPJBM)
- Performance (Keyboard), BMUS (FAMUSPKBM)
- Performance (Music Theatre), BMUS (FAMUSPMBM)
- Performance (Orchestral Instrument), BMUS (FAMUSPOBM)
- Performance (Voice), BMUS (FAMUSPVBM)
- Performance and Movement, BA (HIPERMVBA)
- The Arts, BA (FAATSBA)
- Theatre (Acting), BA (FATHEABA)
- Theatre (Design and Production), BA (FADSNPRBA)
- Theatre, BA (FATHEBA)
- Theory and Composition (Composition), BMUS (FAMUSTCBM)
- Theory and Composition (Theory), BMUS (FAMUSTTBM)

Engineering, Ira A. Fulton Schools of

- Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)
- Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)
- Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)
- Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)
- Aerospace Engineering (Aeronautics), BSE (ESAEROBSE)
- Aerospace Engineering (Astronautics), BSE (ESAEASBSE)
- Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)
- Applied Science (Aviation), BAS (TSAMTABAS)
- Applied Science (Graphic Information Technology), BAS (TSGITBAS)
- Applied Science (Internet and Web Development), BAS (TSIWDBAS)
- Applied Science (Operations Management), BAS (TSIMCOBAS)
- Biomedical Engineering (Biological Devices), BSE (ESBMEBDBSE)
- Biomedical Engineering (Biomedical Devices), BSE (ESBMEMDBSE)

- Biomedical Engineering, BSE (ESBMEBSE)
- Chemical Engineering, BSE (ESCHEBSE)
- Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)
- Civil Engineering, BSE (ESCEEBSE)
- Computer Science (Cybersecurity), BA (ESCSEIBA)
- Computer Science (Cybersecurity), BS (ESCSEIBS)
- Computer Science (Software Engineering), BS (ESCSESBS)
- Computer Science, BA (ESCSEBA)
- Computer Science, BS (ESCSEBS)
- Computer Systems Engineering (Cybersecurity), BSE (ESCSEIBSE)
- Computer Systems Engineering, BSE (ESCSEBSE)
- Construction Engineering, BSE (ESCONBSE)
- Construction Management and Technology, BS (ESCONMGTBS)
- Electrical Engineering (Electrical Power and Energy Systems), BSE (ESEEEPBSE)
- Electrical Engineering, BSE (ESEEEBSE)
- Engineering (Automotive Systems), BSE (TSEGRASBSE)
- Engineering (Clean Energy Systems), BSE (ESEGRCEBSE)
- Engineering (Electrical Systems), BSE (TSEGRESBSE)
- Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)
- Engineering (Robotics), BSE (TSEGRRBSE)
- Engineering Management, BSE (ESEMGBSE)
- Engineering Science (Business), BS (ESESCBUSBS)
- Engineering Science (Microelectronics), BS (ESESCMEBS)
- Engineering, BSE (TSEGRBSE)
- Environmental and Resource Management, BS (TSETMBS)
- Environmental Engineering, BSE (ESEVEBSE)
- Graphic Information Technology (Full-Stack Web Development), BS (ESGITFSWBS)
- Graphic Information Technology (User Experience), BS (ESGITUEBS)
- Graphic Information Technology, BS (TSGITBS)
- Human Systems Engineering (User Experience), BS (ESHSEUEBS)
- Human Systems Engineering, BS (ESHSEBS)
- Industrial Engineering, BSE (ESIEEBSE)
- Informatics, BS (ESCPIBS)
- Information Technology (Cybersecurity), BS (ESIFTCSBS)
- Information Technology (Networking), BS (ESIFTNBS)

Information Technology, BS (TSIFTBS)
Manufacturing Engineering, BS (TSMEGRBS)
Materials Science and Engineering, BSE (ESMSEBSE)
Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)
Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)
Mechanical Engineering, BSE (ESMAEMBSE)
Robotics and Autonomous Systems, BS (ESRASBS)
Software Engineering, BS (TSSERBS)
Technological Entrepreneurship and Management, BS (TSTEMBS)

Global Futures, College of

Complexity Science, BS (LAAMLBS)
Innovation in Society, BA (FIFISBA)
Innovation in Society, BS (FIFISBS)
Ocean Futures (Coastal and Marine Science), BS (GFSEACMSBS)
Ocean Futures, BS (GFSEABS)
Sustainability, BA (SUSUSTBA)
Sustainability, BS (SUSUSTBS)
Sustainable Food Systems, BS (SUSFOSYSBS)

Global Management, Thunderbird School of

Global Management, BGM (TBTGMBGM)
International Trade, BS (TBINTRABS)

Health Solutions, College of

Applied Nutrition and Health, BS (NHFNUENBS)
Applied Science (Applied Nutrition and Health), BAS (ECNTRBAS)
Applied Science (Health Sciences), BAS (NUHSCBAS)
Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)
Biomedical Informatics and Data Science, BS (ESBMIBS)
Clinical Exercise Science, BS (ECEXERBS)
Dietetics, BS (NHDIETCSBS)
Health Care Administration and Policy, BS (NHHCDBS)
Health Education and Health Promotion, BS (NHHEHPBS)
Health Sciences (Health Policy), BS (NUHSCHPBS)
Health Sciences (Healthy Lifestyles and Fitness Science), BS (NUHSCHLCBS)

Health Sciences (Pre-Professional), BS (NUHSCPREBS)

Health Sciences, BS (NHHSCBS)

International Public Health, BIPH (NHIPHBIPH)

Kinesiology, BS (NUKINBS)

Medical Studies, BS (NHMEDBS)

Nutrition (Dietetics), BS (ECNTRDBS)

Nutrition, BS (NHNTRBS)

Nutritional Science, BS (NHNUSCIBS)

Population Health, BS (NHPOPHLBS)

Public Health, BS (NHPBHBS)

Speech and Hearing Science, BS (LASHSBS)

Sports Science and Performance Programming (Strength and Conditioning), BS (NHSSPPSCBS)

Sports Science and Performance Programming, BS (NHSPTSPPBS)

Honors - Barrett, The Honors College

Honors College (9HOHONALL)

Integrative Sciences and Arts, College of

Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)

Applied Biological Sciences (Pre-Dental), BS (LSABSPDBS)

Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)

Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)

Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)

Applied Biological Sciences, BS (TSABSABS)

Applied Mathematics, BS (LSMATBS)

Applied Military and Veterans Studies, BA (LSAMVSBA)

Applied Physics, BS (LSAPHYBS)

Applied Quantitative Science, BS (LSAQSBS)

Applied Science (Animal Biology), BAS (LSANBIOBAS)

Applied Science (Applied Leadership), BAS (LSALSBAS)

Applied Science (Project Management), BAS (LSAPSPMBAS)

Applied Science (Technical Communication), BAS (LSTECBAS)

Communication, BA (LSCOMBA)

Counseling and Applied Psychological Science (Counseling Military Members and Veterans), BS (LSCAPSMVBS)

Counseling and Applied Psychological Science (Sport and Performance Counseling), BS (LSCAPSSPBS)

Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS (LSCAPSAABS)

Counseling and Applied Psychological Science, BS (LSCAPSBS)

English, BA (LSENGBA)

General Studies, BA (LSGNSBGS)

History (Veterans, Society and Service), BA (LSHISVSSBA)

History of Science, Technology and Innovation, BA (LSHSIIBA)

History, BA (LSHISBA)

Integrative Social Science, BS (LSISSBS)

Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)

Interdisciplinary Studies, BA (LSBISBIS)

Liberal Studies, BA (LABLSBLS)

Military Studies, AA (LSMILSTAA)

Organizational Leadership (Project Management), BA (LSORGLPMBA)

Organizational Leadership (Veterans, Society and Service), BA (LSORGLVSBA)

Organizational Leadership, AA (LSORGLAA)

Organizational Leadership, BA (LSORGLBA)

Political Science, BS (LSPOLBS)

Project Management, BS (LSPMGBS)

Psychology, BA (LSPGSBA)

Psychology, BS (LSPGSBS)

Science, Technology and Society, BS (ECSTSBS)

Technical Communication (Data Visualization), BS (LSTECDVBS)

Technical Communication (Medical and Health), BS (LSTECMHBS)

Technical Communication (Social Media Management), BS (LSTECSMMBS)

Technical Communication (User Experience), BS (LSTECUBS)

Technical Communication, BS (LSTECBS)

User Experience, BS (LSUSEXBS)

Interdisciplinary Arts and Sciences, New College of

Aging, BS (ASALDBS)

Applied Computing (Cybersecurity), BS (ASACOCBS)

Applied Computing, BS (ASACOBS)

Applied Mathematics, BS (ASMATBS)

Applied Science, BAS (ASBASBAS)

Biology (Environmental Justice), BA (ASLSCEJBA)
Biology (Environmental Justice), BS (ASLSCEJBS)
Biology (Pharmacology/Toxicology), BS (ASLSCPBS)
Biology, BA (ASLSCBA)
Biology, BS (ASLSCBS)
Biotechnology and Bioenterprise, BS (ASBITEBS)
Communication, BA (ASCOMMBA)
Communication, BS (ASCOMMBS)
Conflict Resolution, BA (ASCNRBA)
Digital Forensics, BS (ASCPFBS)
Disability Studies, BA (ASDISASBA)
English (Secondary Education), BA (ASENGSEBA)
English, BA (ASENGBA)
Environmental Science (Environmental Justice), BA (ASENVEJBA)
Environmental Science (Environmental Justice), BS (ASENVEJBS)
Environmental Science, BA (ASENVBA)
Environmental Science, BS (ASENVBS)
Exploratory Applied Computing, Mathematics and Technology, Pre-Prof/E (ASACMTEXPL)
Exploratory Health and Life Sciences, Pre-Prof/E (ASHSCIEXPL)
Exploratory Humanities, Fine Arts and Design, Pre-Prof/E (ASHUFAEXPL)
Exploratory Social and Behavioral Sciences, Pre-Prof/E (ASSBSEXPL)
Forensic Science (Death Investigations), BS (ASFOREDIBS)
Forensic Science, BS (ASFOREBS)
Gender, Women and Sexuality Studies, BS (ASWSTBS)
History (Secondary Education), BA (ASHISSEBA)
History, BA (ASHISBA)
Interdisciplinary Arts and Performance, BA (ASIAPBA)
Interdisciplinary Arts and Sciences, BA (ASIASBA)
Latin American Studies, BA (ASLASBA)
Pharmacology and Toxicology (Environmental Justice), BS (ASPTXEJBS)
Pharmacology and Toxicology, BS (ASPTXBS)
Philosophy, Religion and Society, BA (ASRELBA)
Political Science, BA (ASPOLBA)
Political Science, BS (ASPOLBS)
Psychology (Forensic Psychology), BA (ASPGSFPBA)
Psychology (Forensic Psychology), BS (ASPGSFPBS)

Psychology (Industrial and Organizational Psychology), BA (ASPGSIOPBA)
Psychology (Industrial and Organizational Psychology), BS (ASPGSIOPBS)
Psychology (Positive Psychology), BA (ASPGSPPBA)
Psychology (Positive Psychology), BS (ASPGSPPBS)
Psychology, BA (ASPGSBA)
Psychology, BS (ASPGSBS)
Social and Behavioral Sciences, BA (ASSBSBA)
Social and Behavioral Sciences, BS (ASSBSBS)
Social and Cultural Analysis (American Studies), BA (ASSCAASBA)
Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)
Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)
Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)
Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)
Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)
Social Justice and Human Rights, BA (ASJHRBA)
Sociology, BA (ASSOCBA)
Sociology, BS (ASSOCBS)
Spanish, BA (ASSPABA)
Statistics, BS (ASSTABS)

Journalism and Mass Communication, Walter Cronkite School of

Digital Audiences, BS (CSDIGABS)
Digital Media Literacy, BA (CSDMLBA)
Journalism and Mass Communication, BA (CSJMCBA)
Mass Communication and Media Studies, BA (CSMCMSTBA)
Sports Journalism, BA (CSSPJBA)

Liberal Arts and Sciences, The College of

Actuarial Science, BS (LAACTBS)
African and African American Studies, BA (LAAFRBA)
American Indian Studies, BS (LAAISBS)
American Studies, BA (LAAMRSTBA)
Anthropology, BA (LAASBBA)
Anthropology, BS (LAASBBS)
Asia Studies (East Asia), BA (LAHSTEABA)

Asia Studies (South Asia), BA (LAHSTSABA)

Asia Studies (Southeast Asia), BA (LAHSTSEABA)

Asian Languages (Chinese), BA (LACHIBA)

Asian Languages (Japanese), BA (LAJPNBA)

Asian Pacific American Studies, BA (LAAPABA)

Astronomical and Planetary Sciences, BS (LAASTPLSBS)

Biochemistry (Medicinal Chemistry), BS (LABCHMBS)

Biochemistry, BA (LABCHBA)

Biochemistry, BS (LABCHBS)

Biological Sciences (Biology and Society), BS (LABSCSBS)

Biological Sciences (Biomedical Sciences), BS (LABSCMBS)

Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)

Biological Sciences (Genetics, Cell and Developmental Biology), BS (LABSCGBS)

Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)

Biological Sciences, BS (LABSCBS)

Biophysics, BS (LABIPHBS)

Chemistry (Environmental Chemistry), BS (LACHMEBS)

Chemistry, BA (LACHMBA)

Chemistry, BS (LACHMBS)

Civic and Economic Thought and Leadership, BA (LACELBA)

Civic and Economic Thought and Leadership, BS (LACETLBS)

Communication, BA (LACOMBA)

Communication, BS (LACOMBS)

Computational Mathematical Sciences, BS (LACMSBS)

Culture, Technology and Environment, BA (LACTEBA)

Data Science, BS (LADATSCIBS)

Earth and Environmental Sciences, BA (LAEESBA)

Earth and Environmental Sciences, BS (LAEESBS)

Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)

Earth and Space Exploration (Astrophysics), BS (LASESABS)

Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)

Earth and Space Exploration (Geological and Planetary Sciences), BS (LASESGSBS)

Earth and Space Exploration, BS (LASESBS)

Economics (Politics and the Economy), BS (LAECNPECBS)

Economics, BS (LAECNBS)

English (Creative Writing), BA (LAENGCBA)
English (Linguistics), BA (LAENGNBA)
English (Literature), BA (LAENGTBA)
English (Narrative Studies), BA (LAENGNSBA)
English (Secondary Education), BA (LAENGSEBA)
English (Writing, Rhetorics and Literacies), BA (LAENGWBA)
English, BA (LAENGBA)
Family and Human Development, BS (LAFASBS)
Film (Film and Media Studies), BA (LAFMSBA)
French, BA (LAFREBA)
Gender, Women and Sexuality Studies, BA (LAWSTBA)
Geographic Information Science, BS (LAGISBS)
Geography (Meteorology-Climatology), BS (LAGCUMBS)
Geography, BA (LAGCUBA)
Geography, BS (LAGCUBS)
German, BA (LAGERBA)
Global Asia Studies, BA (LAASIABA)
Global Health, BA (LASSHBA)
Global Health, BS (LASSHBS)
Global Studies, BA (LASGSBA)
History (Secondary Education), BA (LAHISSEBA)
History, BA (LAHISBA)
Integrated Studies, BA (LAISTBA)
Integrated Studies, BS (LAISTBS)
International Letters and Cultures (Arabic Studies), BA (LASLCASBA)
International Letters and Cultures (Classical Civilization), BA (LASLCVBA)
International Letters and Cultures (Classics), BA (LASLCCBA)
International Letters and Cultures, BA (LASLCBA)
International Relations, BA (LAINRBA)
International Relations, BS (LAINRBS)
Italian, BA (LAITABA)
Jewish Studies, BA (LAJSTBA)
Justice Studies, BA (LAJUSBA)
Justice Studies, BS (LAJUSBS)
Mathematics (Secondary Education), BS (LAMATSBS)
Mathematics (Statistics), BS (LAMATTBS)
Mathematics, BA (LAMATBA)

Mathematics, BS (LAMATBS)
Microbiology (Medical Microbiology), BS (LAMICMBS)
Microbiology, BS (LAMICBS)
Molecular Biosciences and Biotechnology, BS (LAMBBBS)
Neuroscience, BS (LABMENBS)
Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)
Philosophy (Science, Nature and Mind), BA (LAPHISNMBA)
Philosophy, BA (LAPHIBA)
Physics, BA (LAPHYBA)
Physics, BS (LAPHYBS)
Political Science, BA (LAPOSBA)
Political Science, BS (LAPOSBS)
Politics and the Economy, BS (LAPECBS)
Psychology (Psychological Science), BS (LAPGSPSBS)
Psychology, BA (LAPGSBA)
Psychology, BS (LAPGSBS)
Religious Studies (Religion, Culture and Public Life), BA (LARELCPBA)
Religious Studies (Religion, Politics and Global Affairs), BA (LARELPGBA)
Russian, BA (LARUSBA)
Sociology, BS (LASOCBS)
Spanish, BA (LASPABA)
Technological Leadership, BS (LATECLDRBS)
Transborder Chicana/o & Latina/o Studies (U.S. and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)
Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)
Transborder Chicana/o and Latina/o Studies, BA (LATCLBA)
Urban Planning, BSP (ARPUPBSP)
Prelaw (LALAWPRE)

Nursing and Health Innovation, Edson College of

Applied Science (Health Entrepreneurship and Innovation), BAS (NUHCIBAS)
Community Health, BS (NUCHLTBS)
Health Care Compliance and Regulations, BS (NUHCCRBS)
Health Care Coordination, BS (NUHCCOBS)
Health Entrepreneurship and Innovation, BS (NUHCIBS)
Integrative Health, BS (NUIHLTBS)
Nursing, BSN (NUNURDBSN)

Public Service and Community Solutions, Watts College of

Applied Science (Emergency Management), BAS (PPEMGBAS)

Community Advocacy and Social Policy, BA (PPCASPBA)

Community Sports Management (Events), BS (PPCSMEBS)

Community Sports Management, BS (PPCSMBS)

Criminology and Criminal Justice (Policing), BS (PPCRJPOLBS)

Criminology and Criminal Justice, BS (PPCRIMJBS)

Emergency Management and Homeland Security, BS (PPEMHSBS)

Emergency Management, AS (PPEMEAS)

Nonprofit and Leadership Management (American Indian Studies), BS (PPNLMAIBS)

Nonprofit Leadership and Management, BS (PPNLMBS)

Parks, Recreation and Sport Management, BS (PPPRMBS)

Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)

Public Service and Public Policy (Business), BS (PPPAFBUBS)

Public Service and Public Policy (Criminology), BS (PPPAFCBS)

Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)

Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)

Public Service and Public Policy (Law and Policy), BS (PPPAFLPBS)

Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)

Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)

Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)

Public Service and Public Policy (Sustainability), BS (PPPAFSBS)

Public Service and Public Policy, BS (PPPAFBS)

Recreational Therapy, BS (PPRECTBS)

Social Work, BSW (PPSWUSWU)

Tourism and Recreation Management, BS (PPTRMBS)

Tourism Development and Management (Meetings and Events), BS (PPTDMMEBS)

Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)

Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)

Tourism Development and Management, BS (PPTDMBS)

Urban and Metropolitan Studies, BS (PPURBBS)

Teaching and Learning Innovation, Mary Lou Fulton College for

- Applied Science (Early Childhood Studies), BAS (TEAPSECBAS)
- Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)
- Early Childhood Education, BAE (TEECDEDBAE)
- Education Exploratory, Pre-Prof/E (TEEDUEXPL)
- Educational Studies (Early Childhood Studies), BAE (TEESECEBAE)
- Educational Studies (Instructional Design), BAE (TEEDUSTBAE)
- Educational Studies, BAE (EDSLSTBAE)
- Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)
- Elementary Education, BAE (TEEEDBAE)
- Elementary Multilingual Education, BAE (TEEMLEBAE)
- Middle Grades Education, BAE (TEMGEBAE)
- Physical Education, BAE (TEPPEBAE)
- Secondary Education (Biological Sciences), BAE (TEBIOBAE)
- Secondary Education (Chemistry), BAE (TECHMBAE)
- Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)
- Secondary Education (English), BAE (TEENGBAE)
- Secondary Education (History), BAE (TEHISBAE)
- Secondary Education (Mathematics), BAE (TEMATBAE)
- Secondary Education (Political Science), BAE (TEPOLBAE)
- Secondary Education (Spanish), BAE (TESPABAE)
- Secondary Education, BAE (TESEDBAE)
- Special Education (Visual Impairment), BAE (TESPEVIBAE)
- Special Education and Elementary Education, BAE (TESPEBAE)
- Special Education, BAE (TESPCEDBAE)

University College

- Exploratory Health and Life Sciences, Pre-Prof/E (UCHSCIEXPL)
- Exploratory Humanities, Fine Arts and Design, Pre-Prof/E (UCHUFAEXPL)
- Exploratory Math, Physical Sciences, Engineering and Technology, Pre-Prof/E (UCEMTPEXPL)
- Exploratory Social and Behavioral Sciences, Pre-Prof/E (UCSBSEXPL)

Graduate Programs

Graduate Degrees (Program Descriptions)

Business, W. P. Carey School of

Accountancy and Data Analytics, MAcc (BAACCMACC)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

Possible to complete in one year, the Master of Accountancy program is delivered by the School of Accountancy, highly ranked by Public Accounting Report. This program is offered in person or online, providing flexibility to students who are working professionals. A pathway program (https://wpcarey.asu.edu/accounting-degrees/pathway-program) is available for students with a nonaccounting background to prepare for success in the master's degree program.

Infused with a data and analytics emphasis, the developed curriculum is structured to provide students with an in-depth working knowledge of advanced accounting topics that are most relevant in today's business environment and reviewed every year with input from accounting professionals and alumni. Esteemed faculty experts bring practical experience into each class, giving the degree even more long-term value.

The MAcc program is designed for individuals who want to prepare for professional success in accounting and fulfill course requirements for the Certified Public Accountant exam in Arizona. The high quality of the program enables students to gain the skills and knowledge needed to launch their accounting careers, opening the door to top hiring firms.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Accountancy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (ACC 512)

Required Core (3 credit hours)
ACC 586 Shareholder Value Creation and Financial Statement Analysis (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
ACC 512 Advanced Auditing (3)

Additional Curriculum Information
Students should see the academic unit for an approved list of elective coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have a foundational knowledge of accounting principles demonstrated by either a bachelor's degree in accountancy or proficiency achieved through an approved bridge or boot camp.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all coursework completed at institutions other than ASU
• one letter of recommendation
• current resume
• short answer question responses
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Applicants must complete program prerequisites (https://wpcarey.asu.edu/masters-programs/accounting/academics?sort-by=last_name_asc#prerequisites) before admission to the program. Graduate-level accounting courses are open only to students admitted to the graduate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/accountancy-data-analytics) for program descriptions and to request more information.

Career opportunities

Graduates are prepared with the essential academic preparation to pursue professional careers in public, corporate and governmental accounting, as well as consulting or financial planning.

Career examples include:

- accountant
- auditor
- budget analyst
- tax auditor

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs/accounting
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs/accounting/application-process)

Business Administration (Accountancy), PHD (BAACCTPHD)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

In the Doctor of Philosophy program in business administration with a concentration in accountancy, students develop the capability to review, analyze, conduct and publish research.

The curriculum consists of a series of research seminars and theory-building and statistical coursework that supplement and complement students' abilities and interests. In addition, doctoral students participate in ongoing research projects in conjunction with faculty members in the School of Accountancy.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Plan of Study
This program consists of 12 credit hours of dissertation and 72 credit hours of coursework and research. Students may not apply credit hours earned from a previously awarded doctoral degree from ASU or another institution toward their current ASU doctoral degree. However, at the academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Students work with their study committees to determine an appropriate plan of study. Common areas of functional specialization include financial and managerial accounting, auditing and taxation. Within these functional areas, doctoral studies may emphasize experimental or archival research methods. All accountancy doctoral students are required to take a three-semester sequence of accountancy doctoral coursework. A maximum of 12 approved graduate credit hours may be transferred to satisfy program requirements.

Comprehensive Examinations
Once the student has completed all necessary coursework on their approved plan of study, the academic unit may initiate the scheduling and administering of the student's comprehensive examinations. These examinations consist of a minimum of a written exam; an oral exam may also be required at the discretion of the academic unit.

Candidacy
Doctoral students are notified that they have achieved candidacy status when they receive a letter from the dean of the Graduate College after passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled in at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester (including a summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policy and procedures for a Doctor of Philosophy program.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GMAT scores
• portfolio
• letters of recommendation
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applications are initially reviewed by a School of Accountancy doctoral committee using a portfolio approach. In addition to GMAT scores and prior academic performance, letters of recommendation and a personal statement are reviewed to ensure a good match between the applicant's goals and the school. Recommendations for action are then made to the director of doctoral programs in the W. P. Carey School of Business, who in turn makes recommendations to Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for careers at leading research universities. Career opportunities include these positions:

- professor
- researcher in accounting
- research professor

Contact information

Business Administration | BA 223Q
https://wpcarey.asu.edu/accounting-degrees
wpcareyacc@asu.edu
480-965-3631

Business Administration (Agribusiness), PHD (BAAGRIPHD)

College/School: W. P. Carey School of Business

Campus: Polytechnic

Program description

The discipline of agribusiness applies theory and quantitative methods in economics, finance, marketing and management to issues involved in the production, distribution, and marketing of food and fiber. Doctoral agribusiness students are involved with research in:

• agribusiness management
• derivatives, commodity marketing and risk management
• food and fiber supply chain management
• food marketing
• food policy and promotion
• global agricultural trade and policy
• strategic marketing by food retailers

The interdisciplinary Doctor of Philosophy program in business administration with a concentration in agribusiness produces scholars trained in the latest methods of business and economic analysis who can emerge at the forefront of problem-solving in a vital sector of the global economy.

This program is offered by the W. P. Carey School of Business and the Morrison School of Agribusiness.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Plan of Study
At least 30 credit hours (including research credit) of the approved doctoral program and 12 dissertation credit hours must be completed after admission to the doctoral program. Students may not apply credit hours earned for a previously awarded doctorate degree from ASU or another institution toward their current ASU doctorate. However, at the individual academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Agribusiness doctoral students are expected to develop a program of study that consists of three elements. Students study core theory and quantitative methods coursework in economics and management from the Morrison School of Agribusiness as well as advanced courses in at least one of these areas in the W. P. Carey School of Business: economics, finance, marketing, supply chain management or management. Students also complete a three-course sequence of doctorate-level theory and methods from the Morrison School of Agribusiness as applied to issues and concepts specific to the agribusiness sector.

The agribusiness doctorate is designed to allow flexibility with focus; each student's program of study is distinct but is designed to produce the highest level of research competency in the student's chosen area of interest.

Comprehensive Examinations
After the student has completed all necessary coursework on their approved program of study, the academic unit may initiate the student's comprehensive examination process. The examination consists of, at minimum, a written exam; an oral exam may also be required at the discretion of the academic unit.

Candidacy
Doctoral students are notified that they have achieved candidacy status in a letter from the dean of the Graduate College after passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled in at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester (including summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policies and procedures.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• official GRE general exam or GMAT scores
• personal statement
• current curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Complete information on the English proficiency exams and other required documents can be found on the Graduate Admission Services (https://admission.asu.edu/apply/international/graduate) website.

ASU does not accept the GRE® General Test at home edition.

Applicants must submit all the items listed above to complete an application file. Incomplete files will not be reviewed.

An explanation of the applicant's goals should be addressed in the personal statement.

Students should see the program website for application deadlines. Late applications may be considered for the same application term or for the next term of admission; however, the department reserves the right to deny or not review a late application.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the doctoral program in business administration at one of the largest public universities in the U.S. have learned from thought leaders in their respective fields and benefitted from the university's tremendous resources. Agribusiness graduates are expected to assume teaching and research positions at top-ranked research universities.

Career opportunities include:

- data scientist
- economic consultant
- market analyst
- professor
- research economist

Contact information

Business Administration | SANTN 230
https://wpcarey.asu.edu/agribusiness-degrees/doctoral
wpcarey.morrison@asu.edu
480-727-1586

Artificial Intelligence in Business, MS (BAAIBMS)

College/School: W. P. Carey School of Business

Campus: Tempe, ASU at Los Angeles, Online

Program description

Students in the Master of Science program in artificial intelligence in business develop technical AI and professional skills needed for success in the constantly evolving landscape of technology and business. With an emphasis on mindful implementation, students learn to understand the implications and possibilities enabled by AI, in addition to the importance of governance and principled innovation. They gain the necessary foundation to excel in evolving fields, with a focus on mindful AI that sets them apart in the workforce. An optional third-semester custom track allows students to maximize the value of their degree by selecting additional courses from a variety of topics

Anchored in the triad of mindful AI --- business domain knowledge, technical understanding and ethical awareness --- this program aims to cultivate a highly skilled workforce proficient in thoughtfully applying AI across various industries and sectors. The demand for AI professionals is expected to grow as more companies invest in AI technologies to improve their operations and customer experiences. Students can prepare to meet this demand with dedicated resources and career coaching from the W. P. Carey Career Services Center (https://career.wpcarey.asu.edu/).

The Department of Information Systems conducts inspirational and impactful research (https://wpcarey.asu.edu/information-systems-degrees/faculty-research) that helps push the frontiers of knowledge, and it incorporates state-of-the-art knowledge and advanced technology in teaching and seeks meaningful engagement with students, corporate stakeholders and society.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Global Management, MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Degree requirements

30 credit hours including the required capstone course (CIS 576)

Required Core (6 credit hours)
CIS 565 Artificial Intelligence in Business (3)
CIS 568 AI Business Strategy (3)

Electives (21 credit hours)

Culminating Experience (3 credit hours)
CIS 576 Transforming Business with AI (3)

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and W. P. Carey.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• short answer questions
• one letter of recommendation
• professional resume
• written statement
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/international/graduate/english-proficiency) regardless of their current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department website (https://wpcarey.asu.edu/information-systems-degrees).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/artificial-intelligence-business/) for program descriptions and to request more information.

Career opportunities

Graduates of the master's degree program in artificial intelligence in business are equipped with the in-demand technical and business acumen needed to excel in the rapidly changing realms of technology and business.

The AI market is experiencing rapid growth, valued at $136 billion as of March 2023 and projected to reach $15.7 trillion by 2030, growing at an annual rate of 37%. The job market mirrors this trend with nearly 45,000 open AI jobs in February 2023, and AI professionals rank among the fastest-growing job categories. Companies are embracing AI technologies, with 75% planning to adopt AI within the next five years and half of them expecting AI to drive job growth. Compensation in the AI field is lucrative; entry-level AI specialists earn an estimated $101,310 per year, and the average salary is $127,380.

Career examples include:

- AI consultant
- AI entrepreneur
- AI product or project manager
- AI specialist
- big data analyst
- business intelligence analyst
- chatbot developer
- data analyst
- machine learning engineer
- Python developer

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs/ai-business
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs/ai-business/application-process#deadlines)

Business Administration, DBA (BASCMDBA)

College/School: W. P. Carey School of Business

Campus: Tempe

This program's name has changed effective Fall 2025. The previous name was Supply Chain Management.

Program description

The Doctor of Business Administration is an applied professional doctorate designed for senior professionals with significant managerial experience who are seeking a terminal doctoral degree. The program combines advanced business knowledge with rigorous coursework in research methods to sustain and amplify leaders who aspire to instill transformative changes in global business practices.

The program is designed to advance careers in senior leadership roles. Graduates of the program are equipped with the skills to effectively lead teams and shape complex transformations across industries.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

60 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
DBA 721 Research Seminar I Research in Action (3)

Electives (33 credit hours)

Research (12 credit hours)
DBA 792 Research (12)

Culminating Experience (12 credit hours)
DBA 799 Dissertation (12)

Additional Curriculum Information
Fifteen credit hours can be transferred from an accredited master's degree program.

The dissertation requires an oral proposal and a final written document that must be submitted to the advising committee. The written document must demonstrate doctoral-level depth and rigor, and an oral defense is required to complete the culminating experience.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a master's degree in business administration or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The professional resume and personal statement should reflect a minimum of seven years of relevant leadership experience.

There are no length or content requirements for the personal statement or the letters of recommendation.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates can pursue opportunities in a variety of industries to analyze and solve global supply chain challenges. The program provides experienced professionals with applied academic theories and tools to contribute to their organizations' success with practice-based research in supply chain management. The program prepares candidates to advance into roles as:

- administrators
- corporate executives
- senior consultants
- university teaching faculty

Contact information

Department of Supply Chain Management | BA 445
https://wpcarey.asu.edu/doctoral-programs
wpcarey.scm@asu.edu
480-965-3332

Business Analytics, MS (BABUSANMS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

Delivered by the highly ranked W. P. Carey departments of Information Systems and Supply Chain Management, the STEM-designated Master of Science program in business analytics builds on the quantitative skills and knowledge needed to advance on the analytics career ladder.

Data is becoming vital to today's world, making business analytics specialist one of the most valuable careers. Students learn to extract value from data, lead data-driven projects and create an overall impact within business organizations. Students can choose from five specializations to deepen their focus in one specific area: big data, cloud computing and tech consulting, fintech, marketing analytics or supply chain analytics.

Two formats are available for this program. The first pathway is the full-time program --- designed for individuals who want to immerse themselves in full-time graduate studies --- which takes nine months or 16 months, depending on the specialization track chosen. The second is the online delivery option in which students deepen their skills in business analytics and learn more about evolving topics in this field. This option is designed for busy working professionals who are seeking to continue working full time while attending school.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Supply Chain Management, BS

Business Data Analytics, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project courses (SCM 593 and CIS 593)

Required Core (6 credit hours)
CIS 509 Analytics for Unstructured Data (3)
SCM 517 Business Process Analytics (3)

Electives (21 credit hours)

Culminating Experience (3 credit hours)
CIS 593 Applied Project (1.5)
SCM 593 Applied Project (1.5)

Additional Curricular Information
For electives, students should consult the academic unit for a list of approved courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• current resume
• short-answer question responses
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-business-analytics/) for program descriptions and to request more information.

Career opportunities

Graduates have the essential academic preparation required for roles that involve deriving value from data and modeling, leading data-driven analyses and creating critical business advantages.

Career examples include:

- business intelligence analyst
- computer database architect
- data analyst
- IT project manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs/business-analytics
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs/business-analytics/application-process)

Business Administration (Computer Information Systems), PHD (BAINFSYPHD)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The Department of Information Systems offers a computer information systems concentration within the Doctor of Philosophy in business administration. The full-time program prepares scholars for careers at leading research-focused educational institutions.

This program allows doctoral students to participate in ongoing research projects in conjunction with faculty members in the department. Research topics include business analytics and big data; health care IT; IT-enabled services and process innovation; information economics and strategy; security and privacy; and social media, e-commerce and mobile platforms.

Business faculty and doctoral students present their research at leading national and international conferences and publish their research in academic journals. In addition to publishing in top information systems journals, doctoral students are often published in leading journals in other disciplines, including accounting, economics, finance, health care management, marketing, managerial decision-making, operations management and strategic management.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Plan of Study
The doctoral program consists of a minimum of 84 credit hours of graduate-level coursework beyond the bachelor's degree. A minimum of 42 credit hours of doctoral coursework and 12 credit hours of dissertation are required to be taken at Arizona State University's Tempe campus. At the department's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Students work with their program committees to determine an appropriate plan of study. Common areas of specialization for doctoral studies include:

• business analytics and big data
• health care information technology
• information economics and strategy
• IT-enabled services and process innovation
• security and privacy
• social media, e-commerce and mobile platforms

Comprehensive Examinations
Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examination. At minimum, the comprehensive examination consists of a minimum of a written exam, and an oral exam may also be required by the academic unit.

Candidacy
Doctoral students are notified of achieving candidacy status by receipt of a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctoral degree. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester, including summer session, in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policies and procedures.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GMAT score
• proof of English proficiency
• three letters of recommendation

• personal statement

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants whose native language is not English must submit scores from the TOEFL. For more information on requirements, students should review the program's website. They should also review the admission services (https://admission.asu.edu/apply/international/graduate) website for specific ASU admission requirements.

A master's degree or MBA is recommended (30 credit hours may count toward the minimum total of 84 hours of coursework in the doctoral program). At least two years of full-time related work experience is recommended.

Doctoral students admitted to the W. P. Carey School of Business must have demonstrated competency in mathematics, strong quantitative ability, competency in the use of computer technology for analytical purposes, and an undergraduate degree in a related field from an accredited university.

Applications are reviewed by the department's faculty committee using a portfolio approach. The committee reviews each individual application and examines all parts equally.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for a career at leading research universities.

Career opportunity positions include:

- data scientist
- professor
- research professor

Contact information

Business Administration | BA 301P
https://wpcarey.asu.edu/information-systems-degrees/doctoral
wpcareyis@asu.edu
480-965-3252
Admission deadlines (https://wpcarey.asu.edu/information-systems-degrees/phd-application-materials)

Economics, MS (BAECONMS)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The Master of Science program in economics incorporates applied learning experiences, flexible elective options and career coaching to prepare students for success in dynamic roles across industries. Students learn economic modeling tools and skills they can leverage to transform businesses, government and society.

For the first half of the program, students take core courses in microeconomics, macroeconomics, and data science and econometrics taught by leading economists with an extensive research record on these topics. A variety of interdisciplinary electives enable students to align the degree with their career goals.

Additionally, students can attend a summer math boot camp before the program starts to brush up on key concepts.

The curriculum also includes a collaborative project in which students apply newly developed knowledge to solve a practical industry problem. Students partner with a local corporation or the L. William Seidman Research Institute, which acts as an economic research and consulting resource for a variety of public and private clients.

The W. P. Carey Career Services Center (https://career.wpcarey.asu.edu/) provides resources and career coaching that students can access throughout the program. Graduates are prepared for roles in banking, management, consulting, investment and government, to name just a few examples.

In the last 40 years, the Department of Economics (https://wpcarey.asu.edu/economics-degrees) has become well known for its contributions to several fields of economics, including applied microeconomics, macroeconomics, economic theory, environmental economics, public finance, labor economics and economics of education.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required applied project course (ECN 593)

Required Core (18 credit hours)
ECN 530 Microeconomics I (3)
ECN 532 Microeconomics II (3)
ECN 531 Macroeconomics I (3)
ECN 533 Macroeconomics II (3)
ECN 560 Data Science and Econometrics I (3)
ECN 565 Data Science and Econometrics II (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
ECN 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for an approved list of elective coursework. It is strongly recommended that students take an optional career coaching course through WPC 502. This course does not count for credit but strengthens students' experience and helps them build skills for their future careers.

For their culminating experience, students find local companies; work in assigned groups to analyze the problems that these companies are facing; and come up with practical, relevant solutions. Faculty members involved in the program are assigned to each group as the project advisor. At the end of the project, each student writes their individual paper on the project and is evaluated individually.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts of all coursework completed at institutions other than ASU
• one letter of recommendation
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the program have the essential academic preparation to pursue a professional career in the fields of economics, corporate financial analysis and planning, commercial banking and insurance. Potential careers include:

- actuary
- budget analyst
- data scientist
- economist
- financial analyst
- market research analyst

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs
wpcareymasters@asu.edu
480-965-3332

Economics, PHD (BAECONPHD)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

In the Doctor of Philosophy program in economics, students receive rigorous training in microeconomic theory, macroeconomic theory, applied economics and econometrics. Additionally, students may select a primary area of specialization for study:

• applied microeconomics
• econometrics
• economic theory
• environmental and resource economics
• financial economics
• macroeconomics

This full-time doctoral program prepares students for teaching and research positions at four-year institutions of higher education and for research positions in public agencies or private business organizations.

The program is relatively small, with about 45 doctoral students in residence at any time. The low student-to-faculty ratio affords students greater faculty attention and mentoring than larger programs. Students become valued members of the department, involved in teaching, research and seminar activities.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

In addition to completing 60 credit hours beyond the bachelor's degree (30 credit hours beyond the master's degree) and 24 credit hours of research and dissertation, the doctoral student must accomplish five tasks:
• Meet the qualifying examination requirement.
• Present at least one area of emphasis.
• Pass the comprehensive examination (both written and oral components).
• Pass the dissertation proposal defense.
• Complete a dissertation with an oral defense.

Students should see the Department of Economics graduate student handbook for details concerning these tasks.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• GRE scores
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The Department of Economics requires applicants to send official GRE scores from their ETS account directly to Graduate Admission Services. Applications are not reviewed until GRE scores are received. ASU does not accept the GRE® General Test at home edition.

The admission policy weighs several factors, including letters of reference, overall GPA, GRE scores, and performance in selected mathematics and economics courses. There are no absolute standards for any of the factors, but performance on each should clearly suggest academic potential that is far above that of the average undergraduate student.

Admission guidelines are available on the Graduate Admission Services website. Applicants should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with a W. P. Carey School of Business doctorate in economics embark on careers in research and academia, learning from thought leaders in their respective fields and gaining the resources of one of the largest universities in the U.S.

Career opportunities include:

- assistant professor
- economist
- research associate

Contact information

Department of Economics | CPCOM 412
https://wpcarey.asu.edu/economics-degrees/doctoral
econ.phd@asu.edu
480-965-3531

Entrepreneurship and Innovation, MS (HIIVDMS)

College/School: W. P. Carey School of Business
Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Science program in entrepreneurship and innovation integrates the most advanced practices and technologies from business, engineering and design in a transdisciplinary, experience-based program that prepares the next generation of leaders with skills needed for launching successful ventures in any industry or sector, inside existing organizations or as new entities. Four optional tracks --- applied AI and business analytics, marketing, financial technology, and supply chain management --- provide additional experience and knowledge while only adding one

semester to the degree.

Students are prepared to lead cross-disciplinary teams in a world of growing uncertainty and ambiguity. They can identify needs, evaluate opportunities, generate insights from concrete problems, innovate solutions, and create and launch scalable business models that provide value to all stakeholders. Founders with this entrepreneurship and innovation degree can define a new standard for venture development.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Entrepreneurial Leadership, BA

Business Entrepreneurship, BS

Business (Sports Business), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (MGT 593)

Required Core (3 credit hours)
IVD 562 Innovation Studio III: Explore, Fail, Solve (3)

Electives or Research (24 credit hours)

Culminating Experience (3 credit hours)
MGT 593 Applied Project (3)

Additional Curriculum Information
Students complete MGT 593 twice for 1.5 credit hours each time for a total of three credit hours. Students should see the academic unit for a list of approved elective coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of the Graduate College, the Herberger Institute for Design and the Arts, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree in business, design, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The applicant's written statement should describe an instance from the professional background outlining the applicant's use of innovation and entrepreneurial experience.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Career opportunities include:

- chief innovation officer
- creative developer
- director of engineering
- founder or CEO
- innovation manager
- management consultant
- marketing director
- product developer

Contact information

WPC Graduate Programs and The Design School | MCRD 350
https://wpcarey.asu.edu/masters-programs/entrepreneurship
wpcareymasters@asu.edu
480-965-3332

Finance, MS (BAFINMS)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

Students in the Master of Science program in finance develop deep expertise in corporate finance and asset or portfolio management and are equipped with the tools needed to manage complex financial institutions. The program

is one of the few advanced finance degrees offered by a top-ranked business school and provides students with a foundation in business and finance. Students have access to highly distinguished faculty, motivated classmates and personalized career resources.

Faculty members bring advanced research and decades of practical experience into the classroom. Classes are offered full time during the week in a lockstep course format that enables students to build on concepts throughout the program. Students can graduate from the program with a Chartered Financial Analyst® designation. The program offers two tracks --- corporate finance and investments, and analytical methods --- to help students align their degree with their career goals.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Finance, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

32 credit hours including the required capstone course (FIN 575)

Required Core (26-27 credit hours)
ACC 502 Financial Accounting (2.5 or 3)
FIN 502 Managerial Finance (2.5 or 3)
FIN 509 Quantitative Methods in Finance I (3)
FIN 525 Investment Strategies (2.5)
FIN 530 Derivatives (2.5)
FIN 535 Quantitative Methods in Finance II (3)
FIN 545 Advanced Corporate Finance (2.5)
FIN 550 Fixed Income (2.5)
FIN 560 International Finance (2.5)
FIN 565 Risk Management in Banks and Financial Institutions (2.5)

Other Requirement (2.5 credit hours)
FIN 555 Entrepreneurial Finance (2.5) or FIN 597 AI and Machine Learning Applications in Finance (2.5)

Electives (0-1 credit hours)

Culminating Experience (2.5 credit hours)
FIN 575 Finance Capstone (2.5)

Additional Curriculum Information
To account for the difference in the numbers of credit hours offered in the core courses, one credit hour of electives

may be required.

For other requirements, substitutions may be allowed with approval of the academic unit.

This program follows the seven-week quarterly schedule of the MBA program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution in business and management, economics, statistics, computer science, or other types of science, engineering, technology and mathematics areas.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• short-answer question responses
• current resume
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

There are two main audiences for the master's degree program: recent undergraduates from business, economics or related majors or from programs in which quantitative skills have been emphasized, and career advancers who have strong quantitative skills and seek to adapt those skills to be more competitive in the job market. Career advancers must be able to commit to a full-time plan of study; the program may not cater to working professionals as it is currently designed.

This program is appropriate for students who have completed undergraduate programs with quantitative underpinnings at ASU or other universities.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in finance have the essential academic preparation to pursue professional careers in corporate finance, risk management, money management, financial planning, investment banking, consulting or real estate.

Career examples include:

- budget analyst
- financial analyst
- financial manager
- investment specialist

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs/finance
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs/finance/application-process)

Business Administration (Finance), PHD (BAFINANPHD)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The primary objective of the Doctor of Philosophy program in business administration with a concentration in finance is to train students for careers as professors of finance at major research universities.

The program provides a challenging course of study in the most recent developments in both the theoretical and empirical aspects of financial economics. This course of study, along with work in economics and statistics, serves as preparation for the understanding and critical analysis of current issues in finance.

Students learn from thought leaders in their respective fields and draw on the resources of the largest public university in the U.S. The faculty produce advanced empirical research in the areas of equity markets, corporate finance, organization structure, international finance, financial institutions and asset pricing. The program is relatively small, promoting faculty--student mentoring relationships; doctoral students receive personal attention.

The program seeks highly capable students with strong academic backgrounds and preferably with work experience.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Plan of Study
At least 30 credit hours of the approved doctoral degree program, which may include research credit, and 12 dissertation credit hours must be completed after admission to the student's doctoral program. Students may not apply credit hours earned for a doctoral degree previously awarded at ASU or at another institution toward this doctoral degree. However, at the individual academic unit's discretion, students may apply up to 30 relevant credit hours from a previously awarded master's degree toward their doctoral plan of study.

Comprehensive Examinations
After the student has completed all necessary coursework on their approved plan of study, the academic unit may initiate the scheduling and administering of the comprehensive examination. At minimum, the examination consists of a written exam; an oral exam also may be required by the academic unit.

Candidacy
Doctoral students are notified that they have achieved candidacy status by a letter from the dean of the Graduate College after passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or for one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester in which the student defends the dissertation, even if it is a summer session.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policy and procedures for the PhD.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three academic letters of recommendation
• GMAT or GRE scores
• a brief statement of their career objectives
• a resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The minimum TOEFL iBT® requirement is a score of 80. A score of 26 is required on the ASU Speaking Proficiency English Assessment Kit for applicants who wish to apply for teaching associateships.

Admission to the program is granted to applicants who present convincing evidence of high-order analytical skills, intellectual curiosity and the ability to work independently in pursuing scholarly research. Applicants should have the intellectual curiosity and discipline required for original inquiry.

While many accepted students have a Master of Business Administration or Master of Science degree in a business-related field, others have a background in other areas, such as engineering, economics, mathematics or physics.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates embark on careers in research and academia.

Career opportunities include:

- assistant professor
- professor
- researcher

Contact information

Business Administration | BAC 501
https://wpcarey.asu.edu/finance-degrees/doctoral
wpcareyfin@asu.edu
480-965-3131

Global Financial Management, DBA (BAGFMDBA)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

China is globalizing at an astonishing rate. This pace of change is profoundly affecting not only China's domestic situation, but also the global economy.

The Doctor of Business Administration in global financial management is an applied professional doctorate designed for senior corporate leaders and government officials in China who are seeking a terminal degree alternative to the traditional doctorate intended for those pursuing an academic career. The leaders emerging from this program are prepared to transform China's economic structure and financial markets, and shape the future of China's leadership roles in the global economy.

All such initiatives depend on the development of human capital --- the catalyst for all. Hence, the DBA program is designed to sustain and amplify leaders who aspire to effect transformative changes in this exciting and dynamic global environment.

This program is offered by the W. P. Carey School of Business and Shanghai Advanced Institute of Finance.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
DBA 705 Global Corporate Strategy (3)

Electives (60 credit hours)

Research (9 credit hours)

Culminating Experience (12 credit hours)

DBA 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, 30 credit hours from a previously awarded master's degree can be used for this degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned, from a regionally accredited college or university of recognized standing, a Master of Business Administration, Master of Economics, Master of Finance, or Master of Accountancy degree, or a master's degree in a related field of specialization in business.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Additional Application Information
Proficiency in English is not required.

Official bachelor's and master's degree transcripts should be submitted and list all coursework in the native language along with an official English translation.

This degree is offered in China only. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The program is essential academic preparation for those interested in pursuing professional careers as leaders within organizations, in diverse functions such as human resources, finance and marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact information

WPC Graduate Programs | BA 304C
https://wpcarey.asu.edu/china-programs/dba-china
WPCareydba@asu.edu
480-965-1870

Global Logistics, MS (BAGLSMS)

College/School: W. P. Carey School of Business

Campus: West Valley

ASU is not currently accepting applications for this program.

Program description

Classes for the Master of Science program in global logistics meet one night a week in person, followed by one night as a synchronous course. This evening program allows flexibility for students with both in-person and online offerings.

Students acquire specialized knowledge and practical perspectives on global operations, logistics and multicultural approaches. They build a foundation for a growing global field through curriculum developed by one of the leading supply chain management departments in the country.

Students in this program have access to distinguished faculty, motivated classmates and personalized career resources. The W. P. Carey Career Services Center provides students with innovative career programming and coaching, as well as an opportunity to meet with a wide variety of employers.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required applied project course (SCM 593)

Required Core (24 credit hours)
SCM 502 Operations and Supply Chain Management (3)
SCM 515 Decision Models for Supply Chain Management (3)
SCM 516 Descriptive and Predictive Supply Chain Analytics (3)
SCM 520 Strategic Procurement (3)
SCM 532 Supply Chain Cost and Design Issues (3)
SCM 541 Logistics in the Supply Chain (3)
SCM 542 Logistics, Globalization and Economic Development (3)
SCM 545 Cases in Global Logistics (3)

Other Requirements (3 credit hours)
SCM 587 Project Management (1.5)
SCM 591 Seminar: Sustainability and Social Responsibility (1.5)

Culminating Experience (3 credit hours)
SCM 593 Applied Project (3)

Additional Curriculum Information
The schedule follows a combination of ASU scheduling options. Three courses follow the session C schedule and have a semester-long duration. The other seven courses follow the 7.5-week quarterly schedule of the MBA program. Those courses require some online and extra class time to meet the 40 contact hours that are standard for the Association to Advance Collegiate Schools of Business.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution in business and management, computer information systems, economics or another type of global studies or similar degree area.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• essays
• one letter of recommendation
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

There are two main audiences for this program: recent undergraduates from logistics-related majors, and career advancers with a background in supply chain management and operations whose skills can be expanded to include a broader global context and exposure to emerging markets. Students must be able to commit to a full-time plan of study; the program may not cater to working professionals as it is currently designed.

This program is appropriate for applicants who have strong quantitative skills and seek to adapt those skills to be more competitive in the job market.

This program does not have a foreign language exam requirement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for the growing field of global logistics. They have the essential academic preparation to pursue a professional career with an international perspective in logistics, supply chain and global operations.

Career examples include:

- logistics analyst
- logistics manager
- supply chain analyst
- transportation manager

Contact information

WPC Graduate Programs | MCRD 350

https://wpcarey.asu.edu/masters-programs
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs)

Information Systems Management, MS (BAINFOMS)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The STEM-designated Master of Science program in information systems management is consistently ranked in the top 15 in the nation by U.S. News & World Report.

Building off a rigorous core curriculum, students have the option of adding a custom track. This third-semester track allows motivated students to add four courses of their choosing to tailor the program to their career goals, and they also gain applied experience over the summer

Through the latest techniques and methodologies, hands-on experience and relevant case studies, students discover how digital innovations, data analytics and information systems are transforming business.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Legal Studies, MLS

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Information Systems, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (CIS 575)

Required Core (3 credit hours)
CIS 525 Strategic Value of Information Technology (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
CIS 575 Emerging Technologies (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• short-answer question responses
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Complete application instructions may be obtained from the department's website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in information systems management have the essential academic preparation to pursue professional careers in diverse industries, using skills in big data, cloud and tech consulting.

Career examples include:

- business intelligence analyst
- computer systems architect
- information security analyst
- IT project manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs/information-management

wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs/information-management/application-process)

Management, MS (BAMCCMS)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The W. P. Carey School of Business at Arizona State University is directly involved in the development of top leadership in China. The Master of Science custom corporate program in China is designed for participants from a single company in China. After successfully completing the program curriculum, the participant is granted an ASU MS degree in management through the W. P. Carey School of Business.

The curriculum is designed to leverage participants' existing strengths in a chosen management concentration, and participants receive intensive instruction on managerial decision-making and strategic formulation. Accordingly, the curriculum is designed with a strong transdisciplinary focus while achieving cycle time efficiency. At the core of the curriculum delivery is emphasis on practical applications with direct business connectivity. A noteworthy feature of the curriculum is its integration of global practices and local market characterizations to enable participants to excel in the modern economy.

The hallmarks of prestigious programs include two key elements: the faculty and the students. No other MS program in China offers a more impressive list of faculty or students than the W. P. Carey China program. The faculty includes distinguished professionals from the W. P. Carey School of Business and other prestigious American business schools.

STEM-OPT extension eligible: No

Degree requirements

36 credit hours including the required capstone course (MGT 588)

The curriculum consists of 12 courses concentrating on management. It is a world-class master's degree program with immersion in financial accounting, managerial finance, statistics and economics, marketing management, organizational theory and behavior, human resources management, supply chain management and information technology management.

All students must successfully complete the comprehensive requirement for MS graduates established by the W. P. Carey School of Business and the Graduate College. Because it is a lockstep program, participants do not have opportunities to make up missed courses or to substitute courses. Therefore, students must complete all 12 courses before graduation with a grade of "B" or higher (3.00 on a 4.00 scale) for each course to satisfy the comprehensive requirement. A thesis is not required.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

The MS custom corporate program in China requires that students be nominated for the program by the company, and it is only delivered in China. Applicants are required to contact the program coordinator before submitting the online graduate admission application.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS in management program have the essential academic preparation to pursue professional careers as leaders within organizations of diverse functions, such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact information

WPC Graduate Programs | MCRD 375DD
https://wpcarey.asu.edu/china-programs
wpcareymasters@asu.edu
480-965-4203

Management, MS (BACMRMS)

College/School: W. P. Carey School of Business

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science in management is an innovative business degree program providing new liberal arts, science, engineering and other nonbusiness graduates with the intellectual and professional skills needed to succeed in today's business environment. This one-year program is designed to develop critical thinking skills, as applied to fundamental business procedures and processes, and leadership skills.

Designed for graduates of nonbusiness programs with fewer than two years of work experience, students achieve the capability and motivation to rapidly progress in any profession where business plays an important role. The management program differs substantially from a traditional Master of Business Administration program in that no work experience is required for admission and the coursework is completed in one year, giving a broad overview of the essentials of managerial decision-making.

Three distinct components of the MS program in management prepare students to immediately add value and lead in all types of business environments: core business courses that deliver necessary business skills through integrative cases, project-based learning and teamwork; leadership courses that develop understanding of strategic vision, instituting change, information systems, and the role and importance of sustainability; and a culminating experience that bridges the gap between academic learning and professional business application.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Legal Studies, MLS

Degree requirements

36 credit hours including the required applied project course (MGT 593)

Required Core (28.5 credit hours)
ACC 501 Fundamentals of Financial Accounting (1.5)
ACC 504 Fundamentals of Managerial Accounting (1.5)
ECN 504 Fundamentals of Managerial Economics (3)
FIN 501 Basics of Finance: The Art of Managing Resources to Create Value (3)
LES 586 Fundamentals of Ethical Issues for Managers (1.5)
MGT 501 Fundamentals of Organizational Behavior (3)
MGT 528 Basics of Mastering the Art of Influence and Negotiations (3)
MGT 586 Fundamentals of Strategic Management (1.5)
MKT 501 Fundamentals of Marketing Management (3)
SCM 501 Fundamentals of Operations and Supply Chain Management (3)
SCM 587 Project Management (1.5)
WPC 504 Fundamentals of Statistics for Managers (3)

Other Requirements (3 credit hours)
MGT 591 Topic: Business Communication (1.5)
WPC 594 Topic: Job Search Strategies (1.5)

Culminating Experience (4.5 credit hours)
MGT 593 Applied Project: Consulting Project Capstone (3) and
MGT 593 Applied Project: Consulting Project Lab (1.5)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.0 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• current resume
• short answer question responses
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work

experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have the essential academic preparation to pursue professional careers in diverse industries and roles that focus on practical, universal business knowledge.

Career examples include:

- human resources specialist
- logistics manager
- marketing associate
- sales manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs
wpcareymasters@asu.edu
480-965-3332

Business Administration (Management), PHD (BAMGMTPHD)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

Students in the Doctor of Philosophy program in business administration with a concentration in management gain current and relevant knowledge of practice and theory from an esteemed faculty of world-class researchers and teachers in the Department of Management and Entrepreneurship, including multiple Academy of Management Fellows.

The doctoral program places primary emphasis on the development of research competence and emphasizes teaching as a vehicle to academic professionalism. It is not intended for those seeking careers in industry or consulting.

The program develops scholars who are prepared to assume the diverse responsibilities of faculty positions at leading research universities. Although management is a broad field, this doctoral program is best suited for students interested in specializing in organizational behavior, strategic management or organization theory.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Plan of Study
At least 30 credit hours of the approved doctoral program, which may include research credit, and 12 dissertation credit hours must be completed after admission to the doctoral program. Students may not apply credit hours earned for a doctoral degree previously awarded at ASU or another institution toward their current ASU doctorate program. However, at the individual academic unit's discretion, students may apply up to 30 credit hours from a previously

awarded master's degree toward their doctoral plan of study.

Doctoral students are required to commit full time to the program, at least until they have successfully defended the dissertation proposal. Full-time enrollment entails a minimum of six credit hours of coursework in any regular academic semester. To reach a total of 84 credit hours for the program, most students enroll for nine to 12 credit hours per semester. In addition, students work closely with faculty members through a research assistantship. The program is relatively small, with an emphasis on high quality, and students receive significant individual attention and mentoring.

Comprehensive Examinations
After the student has completed all necessary coursework on their approved plan of study, the academic unit may initiate the scheduling and administering of the student's comprehensive examinations. These consist of a minimum of a written exam; an oral exam also may be required at the discretion of the academic unit.

Candidacy
Doctoral students are notified that they have achieved candidacy status by a letter from the dean of the Graduate College after passing the comprehensive examinations and successfully defending the dissertation proposal.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit during the semester (including summer sessions) in which the student defends the dissertation.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GMAT scores
• prior academic performance records
• three letters of recommendation
• a personal statement
• employment summary
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between the student's goals and research interests, and those of the department. Graduate Admission Services admits or denies each applicant and notifies them in writing.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for careers at leading research universities. Possible career opportunities include:

- assistant professor
- professor
- researcher

Contact information

Business Administration | BA 318
https://wpcarey.asu.edu/management-degrees/doctoral
wpcareymgt@asu.edu
480-965-3431

Marketing, MS (BAMKTCEMS)

College/School: W. P. Carey School of Business

Campus: Online

Program description

The MS program in marketing delivers a range of skills and knowledge needed to succeed in emerging marketing roles. Students develop practical skills that can be immediately applied to a current or future marketing career while learning from experienced marketing professionals and participating in real-world marketing projects, and they gain a deep understanding of relevant marketing concepts and the ability to lead successful marketing campaigns.

Offering a comprehensive education in marketing, this program covers topics such as digital marketing, marketing research and analytics, and brand management. The curriculum emphasizes the latest tools and technologies used in the industry, helping students stay ahead of the curve in a rapidly changing business landscape.

The W. P. Carey Career Services Center (https://career.wpcarey.asu.edu/) provides resources and career coaching that students can access throughout the program and beyond.

The Department of Marketing (https://wpcarey.asu.edu/marketing-degrees) at the W. P. Carey School of Business believes in balancing fundamentals with innovative ideas and practices and in building practical skills in market analysis, marketing strategy, decision-making and communication. The department has award-winning researchers and teachers who contribute to graduate offerings that are consistently highly ranked.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (MKT 579)

Required Core (3 credit hours)
MKT 561 Customer-centric Research and Analytics (3)

Restricted Electives (24 credit hours)

Culminating Experience (3 credit hours)
MKT 579 Generating Impact for Organizations (3)

Additional Curriculum Information
For restricted electives coursework, students should consult the academic unit for a list of approved courses. Students can select up to nine credit hours of non-W.P. Carey courses from the electives list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in marketing or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• one letter of recommendation
• professional resume
• written statement
• responses to short answer questions
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/graduate/marketing-ms/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared for a variety of roles in the marketing area, including those related to digital marketing, marketing research and brand management. Career examples include:

brand manager
digital marketing manager
marketing analyst
marketing manager
marketing research analyst
product manager
senior marketing manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs
wpcareymasters@asu.edu
480-965-3332

Business Administration (Marketing), PHD (BAMARKPHD)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

Each doctoral student in the Doctor of Philosophy program in business administration with a concentration in marketing receives a comprehensive, broad-based education in marketing concepts and research techniques.

All students complete a core curriculum while tailoring their work to achieve personal goals. Students can specialize in one of three research domains:

• consumer behavior
• quantitative marketing models
• service strategy

Applicants do not need to declare a specialization during the application process, but they can indicate their intended specialized direction of study if they wish. It is expected that by the end of their first year, students commit to one of these three domains.

This is a full-time program and is not intended for those who plan to work in industry positions. The program is typically completed in five years.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Plan of Study
At least 30 credit hours of the approved doctoral program, which may include research credit, and 12 dissertation credit hours must be completed after admission to the doctoral program. A student may not apply credit hours earned for a doctoral degree previously awarded at ASU or another institution toward their current ASU doctorate program. However, at the academic unit's discretion, a student may apply up to 30 credit hours from a previously awarded

master's degree toward their doctoral plan of study.

Comprehensive Examinations
After the student has completed all necessary coursework on their approved plan of study, the academic unit may initiate the scheduling and administering of the student's comprehensive examinations. These consist of a minimum of a written exam; an oral exam also may be required at the discretion of the academic unit.

Candidacy
Doctoral students are notified that they have achieved candidacy status by a letter from the dean of the Graduate College after passing the comprehensive examinations and successfully defending the dissertation proposal.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as MKT 795 Continuing Registration, during the semester in which the student defends the dissertation, including summer sessions.

Students should refer to the Graduate College policies and procedures (https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals) for detailed information regarding the university's doctoral degree requirements.

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years. Any exception must be approved by the supervisory committee and the dean of the Graduate College.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GMAT or GRE scores
• prior academic performance records
• letters of recommendation
• a personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their residency.

ASU does not accept the GRE® General Test at home edition.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between the student's goals and research interests, and those of the department. Recommendations for action are then made to ASU Admission Services, which admits or denies each applicant and notifies them in writing.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the doctoral program in business administration at one of the largest public universities in the U.S. have learned from thought leaders in their respective fields and benefitted from the university's tremendous resources. These graduates are fully prepared for careers in research and academia.

Careers opportunities include:

- assistant professor
- professor
- researcher

Contact information

Business Administration | BAC 460
https://wpcarey.asu.edu/marketing-degrees/doctoral
wpcareymkt@asu.edu
480-965-3621

Real Estate (Certificate), Certificate (BAREAGRCT)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The real estate graduate certificate program encompasses foundational courses in real estate education, including valuation, investment, finance, law and development. The curriculum includes a culminating experience that partners classroom knowledge with experiential learning to further develop the skills students need to succeed as real estate professionals in the built environment.

The program is intended to supplement students' major area of study and provide the understanding necessary for critical thinking and application within the field of real estate. The certificate does not apply to any outside licensing programs.

STEM-OPT extension eligible: No

Degree requirements

16 credit hours including the required capstone course (RED 514)

Required Core (2 credit hours)
RED 510 Real Estate Development Business and Project Management (2)

Electives (11 credit hours)

Culminating Experience (3 credit hours)

RED 514 Synthesis Project #2 Income Property Development (3)

Additional Curriculum Information
Students should see the academic unit for approved elective coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree in law, architecture, landscape architecture, urban design, construction, civil engineering, marketing, geography, planning, finance, real estate or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The skills and knowledge that graduates have gained in the real estate certificate program are applicable to a variety of career opportunities throughout real estate, such as law, architecture, urban design, marketing and planning.

Contact information

WPC Graduate Programs | MCRD 150
https://wpcarey.asu.edu/masters-programs/real-estate-development
wpcareymasters@asu.edu
480-965-8517

Real Estate Development, MREDev (ARREMREDEV)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

Students in the Master of Real Estate Development program participate in group projects focused on real estate development in a collaborative class environment. Students learn to address the physical, legal, economic, political and

financial conditions of property in order to find solutions and complete projects.

This transdisciplinary program is a partnership with the Sandra Day O'Connor College of Law, the Herberger Institute for Design and Arts and the Del E. Webb School of Construction.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Legal Studies, MLS

Degree requirements

36 credit hours including the required capstone course (RED 515)

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The program is offered in an intense format that covers two academic semesters. Students take required core course modules in a variety of formats, including:

• comprehensive module exams to assess aggregate knowledge
• face-to-face classroom instruction
• group work
• independent research
• synthesis projects
• topical quizzes
• weekly assignments

The business school does not accept graduate credits earned while students are in nondegree status or from courses taken prior to admission to the program or while enrolled in another program outside the W. P. Carey School of Business.

There is no foreign language requirement.

There is no thesis requirement.

All students must successfully complete the final synthesis project established by the W. P. Carey School of Business and the Graduate College for the MRED. The comprehensive culminating experience is integrated with RED 515 Synthesis Project #3 Capstone Project Mixed-Use Property Development. Students must pass this course with a grade of "B" (scale is 4.00 = "A") or higher to satisfy the culminating experience requirement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all coursework completed at institutions other than ASU
• one letter of recommendation
• current resume
• responses to short answer questions
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The MRED program includes the essential academic preparation for students who are interested in pursuing professional careers in corporate finance, risk management, money management, financial planning, investment banking, consulting or real estate.

Career examples include:

financial analyst
real estate broker
real estate manager
regional planner

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs/real-estate-development
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs/real-estate-development/application-process)

Supply Chain Management (certificate), Certificate (BASCMCERT)

College/School: W. P. Carey School of Business

Campus: Online

ASU is not currently accepting applications for this program.

Program description

The certificate program in supply chain management is composed of courses with content that is tightly integrated and offers a comprehensive coverage of core topics in supply chain management.

The intended audiences for this certificate include working professionals who have graduated from general management undergraduate or graduate business programs and wish to supplement their degrees with focused, graduate-level courses in supply chain management. Students are either relatively new to supply chain management and desire a foundational knowledge of supply chain management complexities as well as a strong understanding of how companies leverage their supply chains to achieve competitive advantage, or experienced supply chain management professionals who wish to update their knowledge regarding current thinking and best practices through interaction with faculty engaged in broad-based research and consulting.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (SCM 532)

Required Core (12 credit hours)
SCM 502 Operations and Supply Chain Management (3)
SCM 520 Strategic Procurement (3)
SCM 521 Supply Management and Negotiation (3)
SCM 541 Logistics in the Supply Chain (3)

Culminating Experience (3 credit hours)
SCM 532 Supply Chain Cost and Design Issues (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• evidence of a minimum of two years of full-time work experience
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency, regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The certificate program in supply chain management includes the essential academic preparation for students who are interested in pursuing professional careers in purchasing and procurement, operations or logistics.

Career examples include:

- logistics manager
- purchasing analyst
- supply chain analyst
- supply chain manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/supply-chain-management-degrees
wpcareymasters@asu.edu
480-965-3332

Supply Chain Management and Engineering, MS (BASCMEMS)

College/School: W. P. Carey School of Business

Campus: Online

ASU is not currently accepting applications for this program.

Program description

The Master of Science program in supply chain management and engineering is a two-year, 30 credit hour program for working professionals in supply chain management, industrial engineering or a related field.

The program consists of 15 credit hours of courses from the Department of Supply Chain Management in the W. P. Carey School of Business, and 15 credit hours from the industrial engineering program in the School of Computing and Augmented Intelligence in the Ira A. Fulton Schools of Engineering.

Most students have an undergraduate degree in a technical field, such as business, engineering or science. The objective is twofold: to provide students with knowledge of the fundamental foundations across the full spectrum of supply chain management functions, and to enable them to use state-of-the-art engineering tools to analyze, control and optimize modern supply chains.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (SCM 593)

Required Core (27 credit hours)

Culminating Experience (3 credit hours)
SCM 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• GMAT or GRE scores
• personal statement
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

The W. P. Carey School of Business and the Ira A. Fulton Schools of Engineering seek exceptional individuals who are supply chain professionals or working in closely related fields. Applicants must be highly motivated and have strong intellectual capabilities. The admission committee looks for outstanding academic credentials; character qualities such as maturity, integrity and leadership; and diversity in perspectives and experiences.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in supply chain management and engineering have the essential academic preparation to pursue professional careers in purchasing and procurement, operations or logistics.

Career examples include:

- logistics manager
- purchasing analyst
- supply chain analyst
- supply chain manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs
wpcareymasters@asu.edu
480-965-3332

Supply Chain Management, MS (BASCMMS)

College/School: W. P. Carey School of Business

Campus: West Valley, Online

Program description

Students discover the technical elements of supply chain and learn how to manage the flow of products and the processes that generate them.

The Master of Science program in supply chain management provides students with an understanding of the role the supply chain manager can play in an enterprise supply chain and in the overall strategy. Students are exposed to leading supply chain management operating practices, analysis methods, technology applications and strategy development.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (SCM 551)

Required Core (3 credit hours)
SCM 521 Supply Management and Negotiation (3)

Other Requirements (12 credit hours)
CIS 512 Business Intelligence (3) or SCM 545 Cases in Global Logistics (3)
SCM 515 Decision Models for Supply Chain Management (3)
SCM 532 Supply Chain Cost and Design Issues (3)
SCM 541 Logistics in the Supply Chain (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)

SCM 551 Operations Planning and Execution (3)

Additional Curriculum Information
Students choose elective and research coursework from a restricted list. Students should see the academic unit for the approved course list. Other coursework may be used with approval from the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree in business, engineering or sciences (such as math or statistics) or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants to the online program must have earned a four-year bachelor's degree from a regionally accredited institution and have successfully completed one of the following programs with a cumulative score of 80% or higher:

• Foundations of Supply Chain Management certificate on ASU's Career Catalyst platform
• MITx MicroMasters® program (https://edx.org/masters/micromasters/mitx-supply-chain-management) in Supply Chain Management on edX

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of recommendation
• letter of intent or written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Complete application instructions may be obtained from the department's website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/supply-chain-management-ms/) for program descriptions and to request more information.

Career opportunities

This program includes the essential academic preparation for those who are interested in pursuing professional careers in purchasing and procurement, operations or logistics. Graduates are prepared for advancement in supply

chain management careers across diverse industries and functions, and to pursue careers in management, consulting, business development and supply chain management information technology.

Career examples include:

- logistics manager
- purchasing analyst
- supply chain analyst
- supply chain manager

Contact information

WPC Graduate Programs | BA 445
https://wpcarey.asu.edu/masters-programs
wpcareymasters@asu.edu
480-965-3332

Business Administration (Supply Chain Management), PHD (BASCMPHD)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

Supply chain management incorporates the core areas of logistics management, operations management and supply management.

The Doctor of Philosophy program in business administration with a concentration in supply chain management is a full-time residential program for students whose career goals are full-time university research and teaching. The curriculum guides students in conducting high-quality research and teaching at the university level.

Students are trained to develop the ability to recognize problems related to supply chain management and frame these problems into research questions, which are then addressed in a scholarly way, and they are required to review, analyze, conduct and publish research. They are prepared to do so through a series of doctoral seminars and research methods courses and by participating in active research projects. Students also develop their teaching skills through assignments as teaching assistants or instructors. Teaching assignments typically take place during the last two years of the program.

This program is designed to be completed within five years.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

The doctoral program requires the completion of coursework, the completion of academic papers for submission to journals, a comprehensive exam and a dissertation. The program is generally viewed as a five-year process. Most students serve in research assistantships for all five years. During the program, students are expected to actively participate in required courses as well as in seminars and presentations from colleagues, department faculty and visiting scholars.

Students also have the opportunity to teach courses during their doctoral program. Teaching assistantships typically are made available during the last two years of the program. This allows doctoral degree students to get research projects and manuscripts into the multiyear pipeline typical of accepted research articles. Through areas of excellence, centers and the faculty, the supply chain management program has special opportunities for industry-based research projects.

Coursework
The program consists of a minimum of 84 credit hours of approved graduate coursework beyond the bachelor's degree. The department requires doctoral students to take 48 credit hours of graduate coursework in residence at ASU during their first two years. The specific classes must be approved by faculty in the student's area of excellence. Students are also required to take 12 hours of research and 12 hours of dissertation credit. A maximum of 12 credit hours can be transferred from previous graduate coursework. Moreover, the student's plan of study must be approved in advance by their program chair.

Academic Papers
Students are expected to work on academic papers for submission to journals during their doctoral program. Summer months are intended for manuscript writing for those students who have not yet successfully defended their dissertation proposals. At the end of each summer, all doctoral students are required to have at least one new manuscript ready for submission to a journal for publication. Faculty in the areas of excellence supervise manuscript planning and writing. Students do the bulk of the writing during the summer. Faculty in the students' areas of excellence evaluate the papers and provide detailed feedback and instructions for rewriting.

Comprehensive Examinations
After the student has completed all necessary coursework on their approved plan of study, the academic unit may initiate the scheduling and administering of the student's comprehensive examinations. These consist of a minimum of a written exam; an oral exam also may be required at the discretion of the academic unit.

Candidacy
Doctoral students are notified that they have achieved candidacy status by a letter from the dean of the Graduate College after passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements
Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester (including a summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policies and procedures (https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals).

Maximum Time Limit
Doctoral students must complete all program requirements within 10 consecutive years.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree

program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GMAT or GRE scores
• prior academic performance records
• letters of recommendation
• a personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between the student's goals and research interests, and those of the department. Recommendations for action are then made to ASU Admission Services, which admits each applicant or denies their admission and notifies them in writing.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the doctoral program in business administration at one of the largest public universities in the U.S. have learned from thought leaders in their respective fields and benefitted from the university's tremendous resources. These graduates are fully prepared for careers in research and academia.

Careers opportunities include:

assistant professor
professor
researcher

Contact information

Business Administration | BA 446
https://wpcarey.asu.edu/supply-chain-management-degrees/doctoral
wpcarey.scm@asu.edu
480-965-6044

Taxation and Data Analytics, MTax (BATAMTAX)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The nine-month Master of Taxation and Data Analytics program is highly ranked by the Public Accounting Report. The advanced curriculum is structured to provide students with an in-depth working knowledge of the highly technical and demanding skills required to provide tax and business advice in the private and public sectors. Esteemed faculty experts bring practical experience into each class, giving the degree even more long-term value. Students gain

preparation for their career through case-based courses and team assignments.

Students dive into taxation in greater depth. Five of the 10 courses are technical, with small classes and personalized instruction. The School of Accountancy offers a Pathway Program (https://wpcarey.asu.edu/accounting-degrees/pathway-program) for students with a nonaccounting background that delivers essential skills and knowledge needed to excel in the master's degree program.

The MTax program is designed for individuals who want to immerse themselves in full-time graduate studies, taking classes during the day to fulfill course requirements for the Certified Public Accountant exam in Arizona. This high-quality program enables students to gain the skills and knowledge needed to launch their careers, opening the door to opportunities with top hiring firms.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Accountancy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (ACC 589)

Required Core (3 credit hours)
ACC 571 Taxation of Corporations and Shareholders (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
ACC 589 International Taxation (3)

Additional Curriculum Information
The MTax program is a nine-month, full-time, lockstep program that offers classes during the day and is completed in one academic year. Applicants must complete program prerequisites before admission to the program. Students should refer to the W. P. Carey School of Business graduate programs website for a current listing of required course prerequisites. Graduate-level accounting courses are only open to students admitted to the graduate program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's

degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• current resume
• responses to short answer question
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

In addition to the ASU graduate admission application, applicants also must submit all supplemental application materials required by the W. P. Carey Graduate Programs office. Complete application instructions may be obtained from the department's website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have the essential academic preparation to pursue professional careers in public, corporate and governmental tax and auditing.

Career examples include:

- budget analyst
- revenue agent
- tax auditor
- tax preparer

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/masters-programs/taxation
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/masters-programs/accounting/application-process)

W. P. Carey MBA, MBA (BACORPMBA)

College/School: W. P. Carey School of Business

Campus: ASU at Mexico City

Program description

The custom corporate Master of Business Administration program is designed for participants from a single company. Participants are nominated to attend the program by their company and receive a solid core curriculum with optional specializations.

The program offers flexible part-time delivery modes using online, in-person and blended courses. Possible features that can be incorporated into the custom programs are company-specific applied projects, guest teaching from corporate leaders and intensive residential sessions.

STEM-OPT extension eligible: No

Degree requirements

42 credit hours including the required capstone course (MGT 589)

Students must be nominated for the program by the sponsoring company.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must submit the graduate admission application, meet Graduate College admission requirements, and meet the guidelines established by the custom corporate MBA program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The MBA program includes the essential academic preparation for students who are interested in pursuing professional careers as leaders within organizations in diverse functions such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact information

WPC Graduate Programs | MCRD 460
https://wpcarey.asu.edu/mba-programs/custom-corporate
wpcarey.execed@asu.edu
480-965-7579

W. P. Carey MBA, MBA (BAEVENMBA)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The Master of Business Administration program provides a solid foundation in the core business disciplines; students develop analytic, decision-making and leadership skill sets essential to making sound business decisions. Through a comprehensive business curriculum taught by distinguished faculty, the MBA program enhances students' current strengths and helps them immediately impact their organizations.

Students can personalize their MBA through evening and online classes while earning their degree in two to four years. The curriculum is delivered in a case-based, team-oriented and discussion-style learning environment. Elective courses provide additional depth and breadth to enhance an area of emphasis, students' knowledge base and career goals.

The evening MBA program is designed for working professionals seeking to continue working full time while attending school. The program can be completed in 21 months, depending on course formats, and begins in the fall or spring for added flexibility.

A W. P. Carey School of Business MBA stands apart from many part-time MBA programs that offer a core business curriculum with very little specialization. With more than 40 electives and options to add concurrent degrees and technical certificates, students can fit their MBA with their passions and pursue a degree at the same time. The MBA program is supported by each of the eight academic units within the W. P. Carey School of Business.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Legal Studies, MLS

Degree requirements

51 credit hours including the required capstone course (MGT 589)

Required Core (2.5 credit hours)
LES 582 Ethical Issues for Managers (2.5)

Electives (45.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curriculum Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the MBA program or taken while enrolled in another MBA program outside the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge and skills and must be taken in the prescribed sequence. Elective courses build upon the business core and center on the further development of an area

of emphasis. There may be additional requirements that vary by area of emphasis. The program is completed in 21 months.

All students must successfully complete the comprehensive requirement established for the MBA by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• current resume
• short answer question responses
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Applicants should see the department's website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

Graduates have the essential academic preparation to pursue professional careers as leaders within organizations of diverse functions, such as human resources, finance or marketing.

Career examples include:

CEO
finance manager
marketing manager
supply chain manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/mba-programs/part-time
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/mba-programs/part-time/application-process)

W. P. Carey MBA, MBA (BAEXECMBA)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The executive Master of Business Administration program is designed for senior leaders with increasing responsibility managing people, projects and budgets.

The MBA program provides a solid foundation and knowledge base in the core business disciplines, enabling students to develop the analytic capabilities and decision-making and leadership skill sets required to effectively integrate decisions into the business environment. Students learn how to refine their management skills and contribute more substantially to their organization and society.

Classes meet one weekend per month on campus, convenient for travel from within Arizona and surrounding states. A summer experience in Washington, D.C., and an international practicum help students see the world of business in a new way. The program is completed in 21 months and is supported by each of the eight academic units within the W. P. Carey School of Business. The comprehensive approach equips students with:

• a data-driven mindset
• the fundamentals of business and the confidence to see projects to completion
• strategic leadership skills and exposure
• an understanding of public policy here and abroad

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

48 credit hours including the required capstone course (MGT 589)

Required Core (1.5 credit hours)
LES 582 Ethical Issues for Managers (1.5)

Electives and Research (43.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curricular Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The school does not accept graduate credits earned while students are in nondegree status or from courses taken before admission to the MBA program or while enrolled in another MBA program outside the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The executive curriculum must be taken in the prescribed sequence and is augmented by a series of lectures on thought leadership and off-site learning programs, including a business and public policy course in Washington, D.C. An additional off-site course exploring issues and strategies in the global business environment is held in partnership with an international business school. The program is completed in 21 months.

All students must successfully complete the comprehensive requirement established for the MBA by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current resume
• two letters of recommendation
• answers to short-answer questions
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, will be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have the essential academic preparation to pursue professional careers as leaders within organizations in diverse functions, such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/mba-programs/executive
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/mba-programs/executive/application-process)

W. P. Carey MBA, MBA (BAEVEAMBA)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

The purpose of the Master of Business Administration program is to provide a solid foundation and knowledge base in the core business disciplines and to develop the analytic capabilities, decision-making and leadership skill sets essential for making sound business decisions.

The curriculum is delivered in a case-based, team-oriented and discussion-style learning environment. Elective courses provide additional depth and breadth to enhance the student's area of emphasis, knowledge base and career goals.

The fast-track MBA program is perfect for working professionals who need an MBA degree to advance in their careers. Classes are held two nights a week --- with online courses also available --- allowing students to graduate with a MBA degree in 12 to 18 months, depending on the student's incoming discipline.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work

authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

31 credit hours including the required capstone course (MGT 589)

Required Core (2.5 credit hours)
LES 582 Ethical Issues for Managers (2.5)

Electives and Research (25.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curriculum Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the MBA program or taken while enrolled in another MBA program outside the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an optional area of emphasis. There may be additional requirements that vary by area of emphasis.

All students must successfully complete the comprehensive exam requirement established by the School of Business and the Graduate College for the MBA. The comprehensive exam is integrated with the MGT 589 Strategic Management capstone course culminating experience. Students who pass this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• two letters of recommendation
• current resume
• essays
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

In addition to having two years of work experience, successful applicants for the fast-track MBA have earned a master's degree in a specific business discipline. If the previously earned master's degree is not from an AACSB-accredited school, GRE or GMAT test scores may be requested from the applicant. ASU does not accept the GRE® General Test at home edition.

Applicants should see the department's website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-business-administration/) for program descriptions and to request more information.

Career opportunities

The MBA program includes the essential academic preparation for students who are interested in pursuing professional careers as leaders within organizations in diverse functions such as human resources, finance or marketing.

Career examples include:

CEO
finance manager
marketing manager
supply chain manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/mba-programs
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAFULLMBA)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

Highly ranked by U.S. News & World Report, the full-time Master of Business Administration program meets the rapid changes and new realities in business and prepares students to be adaptable in the face of the uncertainty and ambiguity of a rapidly changing global economy. Students are prepared for immediate success through a cutting-edge curriculum, dedicated career services and a supportive community.

In tandem with rethinking the way the world does business, the W. P. Carey School of Business is rethinking the way business is taught. This program is designed for individuals who want to immerse themselves in full-time graduate studies and take classes during the day. Small class size supports individual learning, promotes student-faculty interaction and encourages personal and professional development.

The MBA curriculum is rooted in the transformation of both the students and current business practices and is supported by each of the eight academic units within the W. P. Carey School of Business. Group projects and access to different organizations give students the tools to be ready to make a difference in their community and in the world upon graduation. Students connect with internationally renowned faculty who bring years of real-world experience and innovative research into the classroom. The MBA program transforms students into leaders who can navigate circumstances filled with ambiguity.

Students are able to complete the MBA simultaneously with other W. P. Carey School of Business master's degrees.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Juris Doctor, JD

Architecture, MArch

Legal Studies, MLS

Degree requirements

60 credit hours including the required capstone course (MGT 589)

Required Core (1.5 credit hours)
LES 582 Ethical Issues for Managers (1.5)

Electives (55.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curricular Information
While there are no business course prerequisites, potential students must demonstrate strong quantitative ability as well as effective written and oral communication skills.

The school does not accept graduate credits earned while students are in nondegree status or from courses taken prior to admission to the MBA program or while enrolled in another MBA program outside the W. P. Carey School of Business. Registration in School of Business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge. Elective or specialization courses build upon the business core and center on the further development of a specialization. There may be additional requirements that vary by specialization. The program is typically completed in two years, with a required internship in the summer between the first and second year of study.

All students must successfully complete the comprehensive requirement established for the MBA by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with capstone course MGT 589 Strategic Management. Students who pass this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GMAT or GRE test scores
• two letters of recommendation
• current resume
• responses to short-answer questions
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, must be completed before an offer of admission is made.

Applicants should see the department's website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad is possible for graduate students. More than 50 program opportunities are available, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

The MBA program includes the essential academic preparation for students who are interested in pursuing professional careers as leaders within organizations in diverse functions, such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/mba-programs/full-time
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/mba-programs/full-time/application-process)

W. P. Carey MBA, MBA (BAONLINMBA)

College/School: W. P. Carey School of Business

Campus: Online

Program description

The Master of Business Administration program provides a foundation and knowledge base in the core business disciplines, enabling students to develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions.

Students develop their leadership skills wherever and whenever learning suits them best. With one core course at a time and flexible elective and concurrent degree options, this online program enables students to focus on their studies while managing their career and life.

Highly ranked (https://wpcarey.asu.edu/about/rankings) by U.S. News & World Report and accredited (https://wpcarey.asu.edu/about/accreditation) by the Association to Advance Collegiate Schools of Business, the online MBA program delivers the same course content taught by faculty members of the full-time and evening MBA programs, and students earn the same highly ranked degree.

The curriculum is delivered in a case-based, team-oriented learning environment. Elective courses provide additional depth and breadth to enhance students' knowledge base and career goals. The program is designed for working professionals who wish to continue working full time while attending school. The program starts in January, February, May, August and September.

The program is supported by each of the eight academic units within the W. P. Carey School of Business.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Electrical Engineering, MSE

Industrial Engineering, MS

Degree requirements

51 credit hours including the required capstone course (MGT 589)

Required Core (2.5 credit hours)
LES 582 Ethical Issues for Managers (2.5)

Electives (45.5 credit hours)

Culminating Experience (3 credit hours)
MGT 589 Strategic Management (3)

Additional Curriculum Information
All students must successfully complete the comprehensive requirement for the MBA established by the school of business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students who pass this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

This program is designed to be completed within two years, and a maximum of three years is allowed.

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills. To be successful in an online learning environment, students must also have computer proficiency and expertise in using spreadsheets, word processing and presentation software packages, email and an internet browser.

The business school does not accept graduate credits earned while students are in nondegree-seeking status, or courses taken before admission to the MBA program or while enrolled in another MBA program outside the W. P. Carey School of Business. Registration in W. P. Carey courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an area of emphasis.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• current resume
• responses to short-answer questions
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Applicants should see the department's website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-business-administration/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad is possible for graduate students. More than 50 program opportunities are available, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

The MBA program includes the essential academic preparation for those interested in pursuing professional careers as leaders within organizations, in such diverse functions as human resources, finance or marketing.

Career examples include:

CEO
finance manager
marketing manager
supply chain manager

Contact information

WPC Graduate Programs | MCRD 350
https://wpcarey.asu.edu/mba-programs/online
wpcareymasters@asu.edu
480-965-3332
Admission deadlines (https://wpcarey.asu.edu/mba-programs/online/application-process)

W. P. Carey MBA, MBA (BASHANGMBA)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The business leaders emerging from the W. P. Carey Master of Business Administration - Shanghai program can shape U.S.--Sino trade relationships during China's continued global expansion. This academic program is the cornerstone of a number of new offerings that include knowledge transfer and access to the highest level of decision-makers in China.

The W. P. Carey School of Business at ASU is directly involved in the development of top leadership in China. In 2003, the MBA program launched in Shanghai. The program is delivered in collaboration with Shanghai National Accounting Institute, an entity under the governance of China's Ministry of Finance.

This degree program is only offered in China.

STEM-OPT extension eligible: No

Degree requirements

48 credit hours including the required capstone course (MGT 589)

The curriculum is based on the integration of core management principles with an immersion in accounting, finance, information management, supply chain management, service marketing, customer relations management and management of services innovation. At the core of the curriculum delivery is emphasis on the practical applications with direct business connectivity. The school prides itself on the curriculum's integration of global practices and local market characterizations, which enables participants to excel in the modern economy.

In addition, the curriculum is designed with a strong transdisciplinary focus while achieving cycle-time efficiency. Each course is delivered in an intensive format over two consecutive weekends, with four full days of face-to-face instruction supplemented by online instruction materials to facilitate learning interactions between faculty and participants.

All students must successfully complete the comprehensive requirement for the MBA established by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students who pass this course with a grade of "B" (3.00 on a scale of 4.00) or higher satisfy the comprehensive examination requirement. A thesis is not required.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

This degree program is only offered in China. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MBA program in China have the essential academic preparation to pursue professional careers as leaders within organizations of diverse functions, such as human resources, finance or marketing.

Career examples include:

- CEO
- finance manager
- marketing manager
- supply chain manager

Contact information

WPC Graduate Programs | BA 323D
https://wpcarey.asu.edu/china-programs/emba
wpcareymasters@asu.edu
480-965-1422

Design and the Arts, Herberger Institute for

Architecture (Energy Performance and Climate Responsive Architecture), MS (ARENERGYMS)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science program in architecture with a concentration in energy performance and climate-responsive architecture educates students to become experts in energy-efficient building design and energy technology.

Courses in this concentration establish a basic core knowledge of the principles of the natural energies available at the building boundary due to climate and site; thermal and optic behavior of building materials and components; passive and low-energy architectural systems for heating, cooling and lighting; and appropriate integration with mechanical systems. Additional courses are available to support advanced study and research in a variety of related specialties.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (ATE 593)

Required Core (21 credit hours)

Electives (3 or 6 credit hours)

Culminating Experience (3 or 6 credit hours)
ATE 593 Applied Project (3)
ATE 599 Thesis (6)

Additional Curriculum Information
The applied project option consists of six credit hours of electives and three credit hours of ATE 593. The thesis option consists of three credit hours of electives and six credit hours of ATE 599.

Students should see the academic unit for an approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution in one of the professions or fields of study outlined below:

• a five- or six-year National Architectural Accrediting Board-accredited professional degree in architecture (Bachelor of Architecture or Master of Architecture)*
• a four-year Bachelor of Science in landscape architecture or a master's degree in landscape architecture, which must be granted by an institution that offers the Landscape Architectural Accreditation Board-accredited degree program in landscape architecture
• an engineering degree (BS or MS) with a background in building sustainability issues**
• a science degree (BS or MS) with a background in building sustainability issues

*Applicants should refer to the NAAB website for more information about the BArch or MArch.
**Mechanical and civil engineering and construction majors are particularly suited for the BS or MS program in engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• portfolio, or writing sample from applicants who have a science background
• statement of intent
• contact information for two references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The minimum score for admission to the program is 80 on the TOEFL iBT® taken in a testing center or an overall band score of 6.5 on the IELTS.

The portfolio or writing sample, statement of intent and contact information for three references must be submitted via SlideRoom. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

Admission to the program is selective. Admission to the program cannot be deferred; students must enroll in the semester for which they are admitted, otherwise another application must be submitted for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting The Design School.

Applicants should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Engage in scholarly inquiry involving building performance and energy modeling.
- Compose a research proposal that embodies methodologies suitable to the research questions identified.
- Formulate climate-responsive design solutions for diverse factors impacting the built environment through critical thinking, calculations, and evidence-based design research.

Career opportunities

Graduates of the MS in architecture program often pursue the following careers:

- architect
- energy modeler
- sustainability consultant

Contact information

The Design School | CDN 162
https://design.asu.edu/
designgrad@asu.edu
480-965-3536

Architecture, MArch (ARARCMARCH)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description

Architecture and the building industry are rapidly changing, and professionals need to be more effectively prepared to innovate and challenge a workforce that is far more complex and diverse than it was 20 years ago. Professional architecture firms and offices no longer specialize in only building design; they have expanded into related fields that compel architecture education to become more comprehensive and advanced than ever.

Students can both complete the accredited architecture degree (https://design.asu.edu/about/accreditation) content and gain additional credentials for another master's degree or certificate that supports their individual interests. This enables students to pursue concurrent options in related areas, such as construction management, sustainability, real estate development, urban planning, landscape architecture, interior architecture, business and other subject areas. Students may also simultaneously join other programs across ASU such as health, education or fine arts.

Each semester of the program includes a design studio and two other courses, such as technology, representation, history, theory, research and practice. Students craft the design and plan the construction of economically and ecologically sustainable built environments and communities. They are rigorously trained on advanced design and digital prototyping, innovative building systems and new technologies, as well as in the research and advocacy of the expansive public role of architects within a broader civic dialogue and social justice aspirations.

The program is offered in two distinct learning modalities --- in person and online --- providing further opportunities for students to earn the same National Architectural Accrediting Board-accredited professional degree.

Students who successfully complete the requirements for Master of Architecture program and their chosen electives for their certificate can choose to continue for an additional year in their added field and turn their certificate into the second master's degree. Students pursuing concurrent degrees earn two distinct degrees and receive two diplomas, enabling them to pursue their own personal or professional interests effectively.

The mission of The Design School is to prepare students for professional success, while continuing to innovate and advance the discipline of architecture through an emphasis on place, context and contemporary culture. This emphasis recognizes the school's responsibility and commitment to social and environmental justice within Arizona, the region, the nation and the world.

The Design School in ASU's Herberger Institute for Design and the Arts offers the following NAAB-accredited degree program:

• Master of Architecture, two-year track (preprofessional degree + 48 graduate credit hours)
• Master of Architecture, three-year track (non-preprofessional degree + 72 credit hours)

Next accreditation visit: 2031
Accredited since: 1985

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

W. P. Carey MBA - Full-Time Program

Degree requirements

48 credit hours including the required capstone course (ARC 602)

Required Core (42 credit hours)
ARC 501 Advanced Architecture Studio I (6)
ARC 502 Advanced Architecture Studio II (6)
ARC 522 Advanced Architecture Technology I (3)
ARC 531 Advanced Architecture History (3)
ARC 532 Architectural Theory I (3)
ARC 541 Advanced Architecture Representation (3)
ARC 601 Advanced Architecture Studio III (6)
ARC 622 Advanced Architecture Technology II (3)
ARC 631 Architectural Theory II (3)
ARC 651 Architecture Research (3)
ARC 662 Architectural Practice (3)

Culminating Experience (6 credit hours)
ARC 602 Advanced Architectural Studio IV (6)

Additional Curriculum Information
The culminating experience course is a final design studio with a written component, taken under guidance of studio faculty members and industry professionals.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• portfolio
• contact information of two references
• professional resume or CV
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements.
https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants are required to express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program, and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The portfolio should be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities and ability to conceptualize, innovate and effectively communicate design ideas.

Applicants must submit contact information for two professional references. These can come from current and past faculty members, professional mentors, supervisors or community leaders and elders.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they need to go through the entire application process again for the year in which they are applying.

Admission Requirements for the Two-Year Pathway:
Applicants must have completed a four-year Bachelor of Science degree with a major in architectural studies or similar preprofessional degree in architecture. The undergraduate degree must be granted by an institution that is recognized by ASU and offers a National Architectural Accreditation Board-accredited degree program in architecture.

Admission Requirements for the Three-Year Pathway:
Applicants must have earned a baccalaureate or graduate degree in any field other than architectural studies.

Additional Coursework:
If a student is assigned any additional coursework by the academic unit upon admission, depending on the undergraduate background, they must complete those courses with a grade of "B" or higher before completing the master's program required coursework.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-architecture/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Perform professional-level tasks during their internship, including drafting, collaboration, and technical proficiency appropriate for design practice, as identified by the National Architectural Accreditation Board.
- Distinguish the basic context and framework of diverse cultural and social contexts as they relate to The Design School Imperatives (history, context, program, technology, construction, representation).
- Design a response to social issues, cultural representation, and sustainability concerns through their proficiency in analyzing, discussing, and applying their findings in a professional design and/or presentation.

Career opportunities

Graduates of the architecture program often pursue careers as:

- architects
- building information modeling managers
- contractors
- developers
- energy modelers
- facilities managers
- film and media producers
- politicians or public servants
- professors

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.In the United States, most registration boards require a degree from an accredited professional degree program (https://design.asu.edu/about/accreditation) as a prerequisite for licensure.

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Art (Art Education), MA (FAARTEDMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Art program in art with a concentration in art education focuses on issues in teaching and learning from multiple perspectives, including art inquiry, curriculum theory, spatial design, studio practice, visual culture, social intervention, human development and cultural context. The culminating experience may be conducted in a range of contexts where art learning takes place, such as in K--12 art classrooms, art centers and museums, public settings and university studios, or in a teacher's own classroom.

In addition to the expansive curriculum, students benefit from the vast resources afforded by a Research I university. Graduates are encouraged to engage with faculty across all disciplines in studio art, art history and museum studies, and with world-renowned researchers from a variety of departments across ASU. Special initiatives also add opportunities for professionalization and for students to learn from and connect with artists and curators. Graduate students are eligible to apply for a studio space at Grant Street Studios (https://art.asu.edu/about/galleries-and-facilities/grant-street-studios), which is located in the cultural hub of downtown Phoenix and includes a common wood shop, printmaking presses, photography darkroom, ceramics kilns, computer lab and 3D print lab.

The program is further augmented by internships offered by a wide range of arts organizations, visiting artist and scholar lectures (https://art.asu.edu/events/visiting-artist-and-scholar-series), and public exhibitions (https://art.asu.edu/events) supported by the School of Art galleries (https://art.asu.edu/galleries), the ASU Art Museum (https://asuartmuseum.org/), the Ceramics Research Center and Archive (https://asuartmuseum.org/research-learning/ceramics-research-center-archive/), and Pyracantha Press (https://art.asu.edu/degree-programs/printmaking/pyracantha-press). These events and activities offer students the opportunity to develop a working knowledge of the art world, gain an appreciation of contemporary art and culture, and build a professional network of future colleagues. The program is also enriched by close proximity to cultural institutions in the Phoenix metropolitan area and nearby regions, such as the Phoenix Art Museum, Scottsdale Museum of Contemporary Art, The Heard Museum and the Los Angeles County Museum of Art.

Students should visit the art education areas of study (https://art.asu.edu/degree-programs/art-education) webpage to learn more about the program and the faculty members. Students who want to engage the school's creative community should subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow them on social media.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours, a thesis and a written comprehensive exam (qualifying research proposal)

Required Core (3 credit hours)
ARA 589 Writing Art and Design Criticism (3) or
ARS 586 Theories of Contemporary Art (3)

Concentration (12 credit hours)
ARE 510 Visual Culture Research (3)
ARE 520 Issues in Teaching Inquiry in Art (3)
ARE 530 Issues in Teaching Studio Art (3)
ARE 540 Teaching Art in Cultural Contexts (3)

Restricted Electives (3 credit hours)

Electives (6 credit hours)
special topics on research related to integrating the teaching of studio art, art history and criticism, or aesthetics (6)

Culminating Experience (6 credit hours)
ARE 599 Thesis (6)

Additional Curriculum Information
Before the end of the first semester of coursework (six or more credit hours), a plan of study must be submitted to the Graduate College. Additional program requirements are indicated in the guidelines for the master's degree in art education. Restricted electives and electives should be selected in consultation with your program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants should submit:
• graduate admission application and application fee
• official transcripts
• a formal art education research paper for review
• resume
• statement of intent
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must have a bachelor's degree from a regionally accredited college or university with a major of no fewer than 45 credit hours of art, including 12 credit hours of art history and six credit hours of art education. Additional hours may be required by the school.

Applicants must have a GPA of at least 3.00 (scale is 4.00 = "A") in undergraduate coursework during the junior and senior years.

The resume should demonstrate how professional experience will help the student succeed in this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design and evaluate curriculum or instructional plans for school, museum, or other context.
- Communicate principles of Art Education to technical and nontechnical audiences through oral and written communication.
- Write a well-organized research paper in the field of Art Education following a research process of conducting a literature review, developing field research methodology, synthesis of finding and identification of new research areas.

Global opportunities

Global experience: More and more ASU graduate students are pursuing Global Education opportunities (https://goglobal.asu.edu/). Although participating in a Global Education program as a graduate student can present challenges, it can also provide a meaningful opportunity to deepen the educational experience and connect an international opportunity with a student's career aspirations.

Career opportunities

A degree in the arts offers graduates a pathway to a rich and varied choice of careers. School of Art graduates are prepared to initiate creative careers as artists, scholars and educators in the public and private sphere.

A degree in art education provides employment opportunities with charter schools, art museums, nonprofit organizations, and recreational or community-oriented service groups that offer art instruction. Those who also complete the state certification requirements for an art specialist certificate may teach in public and private elementary schools, middle schools and high schools. A master's degree may earn art educators an increased salary in some districts, and it provides the potential for and advancement to administrative positions or programs of doctoral study. A doctorate is a necessity for employment as a university or college instructor and for responsible administrative and curatorial positions in the museum and publishing world.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/art-education?dept=160343&id=1
SOAadmin@asu.edu
480-965-8521

Art (Art History), MA (FAARTHISMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Arts program in art history is a comprehensive graduate degree program that fosters a critical understanding of visual art and material culture, and engages students in a rich and diverse curriculum. Inherently interdisciplinary, art history intersects with a variety of fields, including museum studies, archaeology, anthropology, media and performance studies, gender and ethnic studies, history, literature, philosophy and economics. Faculty members apply critical methodologies in their teaching of art history, encompassing transcultural exchange and technologies of production and reception. Faculty mentor students in the application of theoretical and methodological approaches to scholarly research, advise on their comprehensive literature review, and guide them as they determine their individual contribution to the field, culminating in a master's thesis. Students take advanced seminars that engage with critical issues in art history, preparing them to develop their research with a particular focus in the discipline of art history.

In addition to art history courses, the program includes interdisciplinary coursework in other disciplines across the university, especially in museum studies. The program is further augmented by internships

(https://students.herbergerinstitute.asu.edu/creative-career-services/internships) offered by a wide variety of arts organizations, visiting artist and scholar lectures (https://art.asu.edu/events/visiting-artist-and-scholar-series) and public exhibitions (https://art.asu.edu/events) supported by the School of Art galleries (https://art.asu.edu/galleries), the ASU Art Museum (https://asuartmuseum.org/), the Ceramics Research Center and Archive (https://asuartmuseum.org/research-learning/ceramics-research-center-archive/) and Pyracantha Press (https://art.asu.edu/degree-programs/printmaking/pyracantha-press). These events and activities offer students the opportunity to develop their knowledge and appreciation of contemporary art and culture while building a professional network. The program is enriched by close proximity to cultural institutions in the Phoenix metropolitan area and nearby regions, such as the Phoenix Art Museum, the Scottsdale Museum of Contemporary Art and the Heard Museum.

Successful applicants are considered for financial aid in the form of a graduate assistantship position or scholarship. Students should visit the art history areas of study page (https://art.asu.edu/degree-programs/art-history) to learn more about the program and the faculty. Students who want to engage our creative community should subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours, a thesis and a foreign language exam

Required Core (3 credit hours)
ARA 589 Writing Art and Design Criticism (3) or
ARS 586 Theories of Contemporary Art (3)

Concentration (3 credit hours)
ARS 501 Methodologies and Art History (3)

Focus Area Coursework (12 credit hours)
seminars (12)

Electives (3 credit hours)

Research (3 credit hours)
ARS 592 Research (3)

Culminating Experience (6 credit hours)
ARS 599 Thesis (6)

Additional Curriculum Information
This program requires a minimum of 24 credit hours in art history, with at least 12 of these earned in 500-level seminars.

Four courses in the areas shown below are required, and two of these courses must be outside the student's geographical area of specialization:

- ancient
- Asian
- contemporary
- global
- Latin American
- medieval
- modern
- pre-Columbian

• Renaissance

For elective coursework, students may choose to take either 500-level courses in art history or related areas, such as anthropology, history, museum studies or religion, or up to six credit hours of the following omnibus courses:

ARS 584 Internship
ARS 590 Reading and Conference
ARS 592 Research

Students must have a reading knowledge of one research language in addition to English. The selected language needs to be appropriate to the area of research concentration and must be approved by the faculty mentor. This requirement can be met by taking a language for reading knowledge course in the School of International Letters and Cultures with a grade of "B" or higher or by passing the Graduate Foreign Language Examination offered by SILC, which requires a fee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. In addition, applicants must have an undergraduate major or minor in art history or at least four upper-division art history courses in which a GPA of 3.00 or higher was maintained.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation.
• one formal research paper for review
• statement of intent
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of intent should be one page and indicate the objectives for graduate study.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will propose original research within their focus area.
- Verbally communicate knowledge in the analysis of images and objects
- Will be able to write a thesis paper up to program capstone standards, which includes the development of a thorough bibliography and the extended examination of a single subject, conceptualized as a research question that engages with their field

Global opportunities

Global experience: More and more ASU graduate students are pursuing Global Education opportunities (https://goglobal.asu.edu/). Although participating in a Global Education program as a graduate student presents distinct challenges, it has the potential to deepen the student's educational experience, connecting a meaningful international opportunity with their career aspirations.

Career opportunities

A master's degree is essential for many professional positions in museums, specialized nonprofit and commercial art galleries, foundations, archives and libraries, editorial work and auction houses, as well as for teaching at the community college and university levels. Some specialized high school curricula may require an MA in art history.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/art-history?dept=160344&id=1
soaadmin@asu.edu
480-965-8521

Art (Digital Technology), MFA (FADIGITMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Fine Arts program in art with a concentration in digital technology combines technological and artistic goals and is designed for students with skills and experience in both realms; the program is offered by the School of Art in collaboration with the School of Arts, Media and Engineering. The School of Art supplies graduate-level courses in digital audio, video, photography, printing, interactive sculpture and rapid prototyping. Graduate courses offered by the School of Arts, Media and Engineering focus on topics such as interactive media, sensing and understanding activity, perception and cognition, programming and media installations. The curriculum provides artists with a foundation in contemporary art, a visiting artist and scholar lecture series, professional development workshops, teaching opportunities and pedagogical training. It fosters global awareness, civic engagement, social responsibility and collaborative action. Coursework is designed to advance discourse across a variety of fields and shared research interests, including representation, identity, advanced technology, material studies, ecology, sustainability and science.

Students gain a foundation in digital media and have hands-on experiences in creating new digital tools. They work closely with faculty to develop knowledge, expand technical skills, and participate with communities to engage in impactful research and sustain a lifelong professional arts practice. Students are also provided world-class studio space at Grant Street Studios (https://art.asu.edu/about/galleries-and-facilities/grant-street-studios), which is located in the cultural hub of downtown Phoenix and includes a common wood shop, printmaking presses, photography darkroom, ceramics kilns, computer lab and 3D print lab.

The MFA program culminates in a solo thesis exhibition in one of the four School of Art galleries (https://art.asu.edu/galleries). Students can explore prior thesis projects on the School of Art exhibitions (https://art.asu.edu/research/student-work) website.

Students in this program benefit from the vast resources afforded by a Research I university. Graduates are encouraged to engage with faculty across all disciplines and with distinguished researchers from a variety of departments across ASU. Students also have access to the vibrant community of museums, galleries, businesses and cultural organizations in Phoenix as well as in nearby Los Angeles, Santa Fe and Denver. Augmenting the curriculum are internships (https://students.herbergerinstitute.asu.edu/creative-career-services/internships) offered by a wide variety of arts organizations. Special initiatives also add dynamic opportunities for professionalization and for students to learn from and connect with artists and curators. The School of Art galleries, the Ceramics Research Center and Archive (https://asuartmuseum.org/research-learning/ceramics-research-center-archive/), and the ASU Art Museum (https://asuartmuseum.org/) support a robust schedule of public exhibitions and visiting artist and scholar lectures. These events (https://art.asu.edu/events) offer students the opportunity to develop their knowledge and appreciation of contemporary art and culture while building a professional network.

The MFA program emphasizes collaboration and immersive learning, providing students access to specialized facilities and collections that offer an invaluable resource for examining the ways in which history has shaped contemporary ways of seeing.

Applicants can visit School of Art advising support (https://art.asu.edu/resources/students/advising) to learn more about the program and connect with graduate coordinators.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and an oral comprehensive exam

Graduate credit is subject to committee approval and includes:

36 graduate studio credit hours in the major areas of concentration; 18 of these credit hours are ART studio classes, and 18 are graduate-level courses in the School of Arts, Media and Engineering
6 credit hours of ART 621 In Practice
6 credit hours of graduate-level art history
6 credit hours of ART 680 Practicum and 6 credit hours of AME 593 Applied Project, leading to either a final exhibition or an applied project

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• an art and digital technology resume
• current resume or curriculum vitae

• portfolio
• statement of intent
• statement and evidence of work demonstrating digital technology skills beyond end user applications
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency via a TOEFL score (iBT® taken in a testing center).

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted to the MFA program and to the Graduate College.

The portfolio must be of 20 images sized with maximum dimension of 1024 pixels; video files of less than 60 MB each; and an image list that accompanies the portfolio. The method for submission for the portfolio is online via SlideRoom: https://asuherberger.slideroom.com/#/Login (https://asuherberger.slideroom.com/#/Login). Applicants may upload images (.jpg), video (.mov, .wmv, .fly), music (.mp3) or PDF documents.

The statement of intent should not exceed 1,000 words and should address the applicant's artistic interests, reasons for applying to graduate school in general, and the ASU School of Art in particular, and the applicant's professional goals.

The letters of recommendation should be from faculty members with whom the applicant has studied or from recognized professionals in the field. All instructions for the letters of recommendation must be followed when submitting the application to the Graduate College.

Applicants should see the program website for application deadlines.

Prospective students should demonstrate accomplishments in art and technology, particularly in having developed new digital technology for the arts.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply concept development and knowledge of material practice in their focused media area to contextualize their research.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Demonstrate how their cohesive body of artwork fits within the context of the digital and fine art world holistically.

Global opportunities

Global experience: More and more ASU graduate students are pursuing Global Education opportunities (https://goglobal.asu.edu/). Although participating in a Global Education program as a graduate student presents specific challenges, it can also provide a meaningful opportunity to deepen the educational experience and connect an international opportunity with a student's career aspirations.

Career opportunities

Graduates are prepared to initiate creative careers as artists, scholars and educators in the public and private sphere -- - a degree in the arts offers students a pathway to a rich and varied choice of careers. Studio art graduates find employment opportunities as artists in the field, selling their works through commercial galleries and commissions, and to private collectors; as museum or gallery professionals, art dealers and directors; as private school art teachers or college professors; and as community-based artists (venues might include health care settings, nonprofit agencies, and local and national public arts organizations). MFA degree holders have the credentials necessary to teach courses in their discipline at colleges and universities. They also are fully prepared to enter the art market or art administration, or to work in other competitive creative fields. Graduates of this program also go on to start their own galleries or small businesses, or exhibit at notable institutions; some have been awarded prestigious grant and residency opportunities. Graduates of the concentration in digital technology are also engaged as technology consultants, freelance artists and technologists, and they join a variety of art and technology collaborations.

A graduate degree is essential for many professional positions. A master's degree prepares individuals to teach at the community college level; to practice and publish as an art critic or writer; to enhance one's own practice as an artist; or to gain employment in museums, archives, historical societies, art libraries, auction houses, publishing companies and academic presses. A doctorate is a necessity for employment as a university or college instructor and for responsible administrative and curatorial positions in the museum and publishing world.

Contact information

School of Art | ART 102
https://art.asu.edu
soaadmin@asu.edu
480-965-8521

Art, MA (FAARTMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Arts program in art introduces students to graduate study in the field of art, enabling students to professionalize and advance their studio art practice. Students develop an expert understanding of how a medium of their choosing, from ceramics to painting, can be used in the field of contemporary art, while also leveraging the creativity and problem-solving inherent in art practice to inform the rest of their professional life.

This two-year degree consists of 30 credit hours of coursework and culminates in a practice-based thesis project. The coursework consists of existing graduate-level studio art and seminar courses. Situated between the BFA in art, and the MFA in art, the MA is designed for local students that have already earned previous degrees, either in art or in a complementary field. Potential students include from professions as varied as K-12 teachers or project managers.

In addition to the expansive curriculum, students benefit from the vast resources afforded by a Research I university. Students are encouraged to engage with faculty across all disciplines and with world-renowned researchers from a variety of departments across ASU. Students also have access to the vibrant community of museums, galleries, businesses and cultural organizations in Phoenix and Tempe.

GI Bill® benefits
This reinstated program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a portfolio

Required Core (3 credit hours)
ARA 589 Writing Art and Design Criticism (3)
ARS 586 Theories of Contemporary Art (3)

Electives (21 credit hours)

Research (6 credit hours)
ART 592 Research (6)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
A total of six credit hours of ART 592 is taken; students take one credit hour of ART 592 each semester for the first three semesters. They should take these first three credit hours with their committee chair or with a faculty member from an appropriate discipline. Students take a further three credits of ART 592 with their committee chair in their final semester, leading to the culminating group exhibition.

The culminating experience (a portfolio) is a group exhibition of MA students in the Harry Wood Gallery in the art building on the Tempe campus. Students create a small body of work, two to three pieces, to enter in this show. This body of work is evaluated by the students' committee for a pass or fail grade on their portfolio.

The 21 credit hours of electives can be met with any lecture, studio, research or seminar class at the 500- or 600-level or any 500- or 600-level ART or ARA course offered at ASU. Students choose these classes with the help of the graduate program manager and their committee chair to enhance their interdisciplinary investigation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• current resume or CV
• portfolio
• letter of intent
• one letter of recommendation

proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted to both the MA program and the Graduate College.

The portfolio should include a combination of 10 images sized with a maximum dimension of 1024 pixels and video files with less than 60 MB each; it should be accompanied by an image list. The statement of intent (not to exceed 1,000 words) should address the applicant's artistic interests, reasons for applying to graduate school in general, and the ASU School of Art in particular, as well as personal artistic goals.

The letter of recommendation should be from professional colleagues from either within or outside the field of art. All instructions for letters of recommendation must be followed when submitting them with the application to the Graduate College.

The method for submitting the resume or vitae, portfolio, statement of intent and letters of recommendation is online via SlideRoom: https://asuherberger.slideroom.com/#/Login (https://asuherberger.slideroom.com/#/Login). Applicants may upload images (.jpg), video (.mov, .wmv, .flv), music (mp3) or PDF documents.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

An MA in Art provides employment opportunities with charter schools, art museums, nonprofit organizations and recreational or community-oriented service groups that offer art instruction. A master's degree may earn art educators an increased salary in some districts, and it provides the potential for advancement to administrative positions. School of Art graduates are prepared to initiate creative careers as artists, scholars and educators in the public and private spheres. Graduates can apply the skills derived from this degree to other fields, leveraging the creativity and creative problem-solving that are key to art making.

Contact information

School of Art | ART 120
https://art.asu.edu
soaadmin@asu.edu
480-965-8521

Art, MFA (HIARTMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Fine Arts program in art is a three-year graduate program situated within a Research l institution where students advance research, engage communities and cultivate a professional arts practice. Graduate students are provided individual spaces at Grant Street Studios located in downtown Phoenix. This facility includes studios, labs,

workshops and galleries enabling learning, production and critical thinking. Students also benefit from funding opportunities, including teaching assistantships and awards that support research and tuition. The curriculum draws connections between traditional methods and emerging art practices. The coursework is designed to advance interdisciplinary discourses and promote collaboration. Students work with faculty members to refine their ability to think and communicate effectively through their art across studio disciplines and within art education, art history and museum studies. Furthermore, students are encouraged to engage the humanities and sciences, sustainability and engineering. The MFA program culminates with a solo thesis exhibition in one of the School of Art galleries.

The program is also enriched by arts and culture organizations, which provide students the opportunity to build their professional network through fellowships, internships and residencies. The program is augmented by public events (https://art.asu.edu/events) supported by the ASU Art Museum, Ceramics Research Center and Archive, Pyracantha Press and School of Art Galleries, including the Northlight Gallery that houses a significant photography collection, which serves as a laboratory for student research. The program is enriched by regional cultural institutions, including the Phoenix Art Museum, Scottsdale Museum of Contemporary Art, Heard Museum and Los Angeles County Museum of Art. Students who want to engage in the school's creative community, should subscribe to the School of Art newsletters and follow the school on social media.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and an oral comprehensive exam (defense of MFA exhibition)

Required Core (9 credit hours)
ARA 522 Studio Art Pedagogy (3)
ARS 586 Theories of Contemporary Art (3)
ART 501 Cross-practice Critique (3)

Studio (18 credit hours)
ART 621 In Practice (6)
ARS/ART coursework (12)

Seminar (9 credit hours)
ART 591 Special Topics (9)

Practicum (14 credit hours)
ART 680 Practicum (14)

Research (4 credit hours)
ART 592 Research (4)

Electives (6 credit hours)

Additional Curriculum Information
For studio coursework, students complete six credit hours of ART 621 and 12 credit hours of 500- and 600-level ARS seminar or studio courses. Students should see their program advisor for a complete list of approved topics for ART 591. The practicum includes 14 credit hours and results in an MFA exhibition.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 ="A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current resume or curriculum vitae
• portfolio
• statement of intent
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted to both the MFA program and the Graduate College.

The portfolio should include a combination of 20 images sized with a maximum dimension of 1024 pixels and video files with less than 60 MB each; it should be accompanied by an image list. The statement of intent (not to exceed 1,000 words) should address the applicant's artistic interests, reasons for applying to graduate school in general and the ASU School of Art in particular, as well as professional goals.

The three letters of recommendation should be from faculty members with whom the applicant has studied or from recognized professionals in the field. All the instructions for letters of recommendation must be followed when submitting them with the application to the Graduate College.

The method for submitting the resume or CV, portfolio, statement of intent, and letters of recommendation is online via SlideRoom: https://asuherberger.slideroom.com/#/Login (https://asuherberger.slideroom.com/#/Login). Applicants may upload images (.jpg), video (.mov, .wmv, .flv), music (.mp3) or PDF documents.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply concept development and knowledge of material practice in their focused media area to contextualize their research.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Demonstrate how their cohesive body of artwork fits within the context of the fine art world holistically.

Global opportunities

Global experience: More and more ASU graduate students are pursuing Global Education opportunities (https://goglobal.asu.edu/). Although participating in a Global Education program as a graduate student can present challenges, it can also provide a meaningful opportunity to deepen the educational experience and connect an international opportunity with a student's career aspirations.

Career opportunities

MFA degree holders have the credentials necessary for teaching courses in their discipline at colleges and universities as well as for entering the art market, working in art administration or other competitive creative fields. Graduates of this program also go on to start their own galleries or small businesses, exhibit at notable institutions and are awarded prestigious grants and residency opportunities.

Contact information

School of Art | ART 102
https://art.asu.edu/masters-degrees-phds/majorinfo/HIARTMFA/graduate/false/12
soaadmin@asu.edu
480-965-8521
Admission deadlines (https://art.asu.edu/masters-degrees-phds/majorinfo/HIARTMFA/graduate/false/12#admission-requirements)

Community-Engaged Practices in Design and the Arts (Certificate), Certificate (HISEPGRCT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The certificate program in community-engaged practices in design and the arts places designers, artists, scholars and educators in public life and prepares students to use their creative capacities to advance culture, strengthen democracy and imaginatively address today's most pressing challenges.

This certificate is an integrated, community-engaged design and arts program that serves all Herberger Institute students as well as the larger ASU community. Participants engage in direct and ethical partnership and collaboration with communities and civic and industry partners to learn and practice programming that activates partner goals and facilitates experiential learning and creation.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required applied project course (ART 593 or AME 593 or DCE 593, or DCE 693, or DSC 593 or DSC 693, or MUP 593 or MUP 693, or THP 593 or THP 693)

Required Core (6 credit hours)
ART 542 Art and Community (3) or THP 514 Projects in Community-Based Theatre (3)
HDA 510 Design and the Arts Corps Seminar (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
Applied Project (3)

Additional Curriculum Information
The applied project is a 593 course in AME, DCE, DSC or THP, or a 693 course in THP.

Students should see the academic unit for appropriate elective coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• written recommendation or nomination letter
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa must apply to and be accepted to a graduate degree program before they are considered for this certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students must maintain a 3.50 GPA in this program.

Admission examinations are not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

This certificate program enables students to develop distinct pathways that also earn microcredentials across a wide variety of competencies, including:

- asset-based community cultural development
- ethical communication
- ethics
- group facilitation
- project management
- project structuring and evaluation

Contact information

Dean, Herberger Institute for Design and the Arts | GHALL 132
https://herbergerinstitute.asu.edu/research-and-initiatives/design-and-arts-corps?dept=1400&id=1

HerbergerAdmissions@asu.edu
480-965-5337

Composition (Interdisciplinary Digital Media), MM (FADIGITMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in composition with a concentration in interdisciplinary digital media is designed for students who have interests and the creative skills to work within a cross-section of the arts and sciences. Program offerings extend beyond typical music coursework to allow more opportunities for digital sound and experimental media projects and to allow students to be actively involved in current developments in the field of media and digital culture.

There are state-of-the-art media facilities, hybrid arts-engineering faculty and courses in electronic music with relevant resources. Students are encouraged to develop their own compositional voices and focus on their area of interest, regardless of style or aesthetics, while gaining extensive knowledge through coursework and private lessons with the composition faculty.

Composers have multiple performance opportunities each year, including collaborations with student performers; readings by the ASU Symphony Orchestra and visiting ensembles; yearlong residencies with the ASU Wind Ensembles and Philharmonia Orchestra; commissions for the PRISMS Contemporary Music Festival; and collaborations with student animators, filmmakers and dancers.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours including a thesis and a written comprehensive exam, or
32 credit hours including a thesis, a written comprehensive exam and an oral comprehensive exam, or
32 credit hours including a written comprehensive exam and the required applied project course (MTC 593), or
32 credit hours including a written comprehensive exam, an oral comprehensive exam and the required applied project course (MTC 593)

Required Core (6 credit hours)
MTC 523 Advanced Composition (2-3)

Concentration (18 credit hours)
Arts, Media and Engineering coursework (9)
Music Theory and Music History (9)

Electives (2 credit hours)

Culminating Experience (6 credit hours)
AME or MTC 599 Thesis (6) or
MTC 593 Applied Project (6)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance, and Theatre. MTC 523 is offered for two to three credit hours each semester. Students repeat MTC 523 until they have completed six credit hours.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the

bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADIGITMM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country and officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of a student's first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume and personal statement
• official transcripts
• prescreening portfolio
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL iBT score of at least 80, or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music may wish to take foundational courses in music theory and history as recommended by their advisor.

Students should see the program website for application deadlines. After the School of Music, Dance and Theatre receives the complete application (this includes recommendation letters, transcripts and English proficiency requirements) and it is reviewed by the department, the applicant may be invited for an interview. Information about the interview can be found on the school's admission website (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate specific musical products within the context of a specific historic or cultural tradition, including contemporary media.
- Create independent musical products or performances using interdisciplinary digital media.
- Apply software engineering skills to music, sound and video.

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

- arts administrator
- community arts advocate
- composer for film, video games or television
- performing musician
- public or community school teacher
- university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADIGITMM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Composition, MM (FAMCOMPMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in music with a concentration in composition is a comprehensive professional degree program for outstanding students of acoustic, electronic and multimedia composition. Students develop their own compositional voices and focus on their area of interest, regardless of style or aesthetics, while gaining extensive knowledge through coursework and private lessons with faculty members.

Composers have multiple performance opportunities, including readings by the Symphony Orchestra and visiting ensembles; yearlong residencies with the ASU Wind Ensembles and Philharmonia Orchestra; commissions for the PRISMS contemporary music festival; and collaborations with student performers, animators, filmmakers and dancers.

The program provides extensive faculty interaction and opportunities to develop advanced skills in compositional techniques from a wide variety of styles and traditions, with emphasis on fostering students' personal approach to composition. Collaborations with music scholars, theorists, performers, educators and other composers provide students with a broad and well-rounded foundation for advanced careers in music.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours including a thesis and a written comprehensive exam, or
32 credit hours including a thesis, a written comprehensive exam and an oral comprehensive exam, or
32 hours including a written comprehensive exam and the required applied project course (MTC 593), or
32 hours including a written comprehensive exam, an oral comprehensive exam and the required applied project course (MTC 593)

The credit hour requirements for the degree are distributed as follows:

composition (9 credit hours)
electives (8 credit hours)
music theory and music history (9 credit hours)
thesis or applied project (6 credit hours)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMCOMPMM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume and personal statement
• official transcripts
• prescreening portfolio
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. To meet English proficiency requirements, students must have a TOEFL iBT score of at least 80, an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music may wish to take foundational courses in music theory and history, as recommended by their advisor.

Applicants should see the program website for application deadlines. After receipt of complete application materials, including recommendation letters, transcripts and English proficiency, and review of prescreening materials, an applicant may be invited for an interview. Information about the interview can be found on the school's admission website (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Critique compositions in a variety of styles, applying theoretical understanding of compositional techniques.
- Create an original portfolio that synthesizes principles of composition.
- Interpret specific musical products within the context of a specific historic or cultural tradition.

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching and researching, and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation and entrepreneurship, as well as the focused discipline needed for success as a musician, are all highly valued by a wide range of companies and professions.

Career examples include:

- arts administrator
- community arts advocate
- composer for film, video games or television
- performing musician
- public or community school teacher
- university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMCOMPMM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music (Conducting), DMA (FACONDDMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Musical Arts program in music with a concentration in conducting offers emerging conductors the opportunity to improve their art, craft and scholarship while they become well versed in multiple areas of conducting.

Those pursuing this degree take several common courses regardless of emphasis and become acquainted with the repertory and conducting issues for each medium. Coursework emphasizes a thorough knowledge of repertory, historical and analytical issues; an understanding of efficient, effective rehearsal technique; and clear, expressive conducting technique. Doctoral students of conducting receive considerable individual attention and have regular opportunities to rehearse and to conduct a variety of ensembles.

This program has three tracks:

Choral conducting --- Conductors specializing in choral conducting expand their expertise in global, intercultural approaches to communal vocal musicking and work to integrate this into their pedagogy and rehearsal process. Score study integrates musical, textual and socio-critical analysis, enabling students to gain insights into the unique interpretive demands of each work. Gestural study regards integrated approaches of Western ideals of conducting with Laban movement principles, diverse dance forms and body mapping. Conductors receive a plethora of podium time, both as primary conductors of ASU choral ensembles and as assistant conductors for faculty-led ensembles.

Orchestra and opera conducting --- Conductors specializing in orchestra and opera conducting work closely with the director of orchestras and the artistic director of the music theatre and opera program, and gain a breadth of experience in both orchestral and opera conducting. Time in front of an ensemble is essential; therefore, conductors have significant podium time and twice-weekly studio chamber orchestra classes. Study includes conducting technique, rehearsal technique, leadership, interpretation, score study, audience development and outreach, and career development.

Wind band conducting --- Conductors specializing in wind band conducting study privately with the director of bands and work closely with other members of the conducting faculty, including the director of athletic bands, to develop their conducting and rehearsal skills. If interested, wind band conducting students also have opportunities to enhance their work with athletic bands and, if desired, may elect individual study with the director of athletic bands. Furthermore, many students select integrated conducting as their cognate, allowing for in-depth work in a second conducting area.

The doctoral program lecture recital is a performance with the top pool of wind and percussion players in the School of Music, Dance and Theatre and includes a repertoire chosen from the complete body of wind band and chamber wind literature.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a written comprehensive exam, an oral comprehensive exam and a research paper

Conducting Core (18 credit hours)

Specialty Courses (9 credit hours)

Electives (9 credit hours)

Cognate (integrated conducting, instrumental performance or music learning and teaching) (9 credit hours)

Music History and Music Theory (21 credit hours)

Recitals and Research (24 credit hours)

Other Requirement

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before course enrollment in the School of Music, Dance and Theatre.

Additional Curriculum Information
Thirty credit hours from a master's degree may be applied toward the 90 credit hour degree requirement. Once admitted to the program, a student is required to be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. In general, the student should expect to spend at least the equivalent of three academic years beyond the bachelor's degree in the program. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Students can find additional information on requirements for this degree on the curriculum check sheet located at the bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FACONDDMA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. Students seeking admission typically hold an Master of Music degree. Applicants with other degrees are considered if they have received graduate training similar to that normally expected in a MM program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• official transcripts
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume and personal statement; also, from choral applicants, an uploaded writing sample
• prescreening video
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Students should see the program website for application deadlines. An applicant may be invited for a live audition after complete application materials have been received, including recommendation letters, transcripts and English proficiency requirements, and prescreening materials have been reviewed. Applicants can find information on the audition on the School of Music, Dance and Theatre auditions page (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Synthesize performance practices in the context of diverse musical settings and genres.
- Evaluate specific conducting repertoire and pedagogy to support a unique and professional musical style.
- Implement an independent research project that makes a unique contribution to the discipline of music performance.

Career opportunities

School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching and researching; in arts advocacy; and in serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation and entrepreneurship, as well as the focused discipline needed for success as a musician, are all highly valued by a wide variety of companies and professions.

Career examples include:

- artistic director
- arts administrator
- community arts advocate
- performing musician
- public or community school teacher
- university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FACONDDMA/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Creative Enterprise and Cultural Leadership, MA (HICECLMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

Creative enterprise and cultural leadership students are changemakers and innovators working toward more just and sustainable futures that connect art and design to society.

The Master of Arts program in creative enterprise and cultural leadership has a particular emphasis on impact and place, looking at how art practice intersects with the social, political, economic and other structures that shape communities. This cross-disciplinary, collaborative program merges theory and practice in arts management, civic practice, creative placemaking, leadership and the management of innovation in the expanded creative fields.

The program offers classes that mix theory and practice through applied learning in collaboration with a range of community, nonprofit, business and public sector partners. Local and national leaders engage with students in classes, site visits and collaborative projects. The program culminates with a capstone applied project that can take the form of research or the launch of a new project.

In addition to core classes, students select additional focused coursework to advance their own professional goals and interests. The program offers several areas of curricular emphasis including creative placemaking and placekeeping, civic practice, cross-sector work and new business models.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Film (Filmmaking Practices), BA

Art (Museum Studies), BA

Environmental Design, BS

Art (Art History), BA

Media Arts and Sciences, BA

Film (Film and Media Production), BA

Music, BA

Theatre, BA

Arts (BA in the Arts), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (HDA 593)

Required Core (12 credit hours)
GRA 501 Creative Environment and Collaborative Leadership (3)
HDA 511 Purpose, Collaboration and Accountability (3)
HDA 514 Creativity and Impact, Opportunities for Change (3)
IVD 560 Innovation Studio I: Discovery and Insight (3)

Electives (3 credit hours)

Focus Area Coursework (9 credit hours)

Culminating Experience (6 credit hours)
HDA 593 Applied Project (6)

Additional Curriculum Information
For electives, students may choose from a list of approved courses or choose their own with advisor approval.

For focus area coursework, students select three classes from a curated list of options that intersect with the MA in

creative enterprise and cultural leadership's core themes of entrepreneurship, social impact and urban futures, and nonprofit and policy.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in an arts, design, business, public policy or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• example of academic or professional work
• contact information for two references
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

The Design School requires that the letter of intent, work samples, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements.
https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)
In the letter of intent, applicants are required to express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program, and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program. Applicants are required to submit an example of academic or professional work that demonstrates, within a maximum of 30 pages, the ability and potential to be successful in the program. Following are examples of appropriate submissions:

• business plan for a new or existing enterprise
• critical essay from previous academic work
• critical essay for professional audiences
• curatorial materials
• marketing materials designed or written by applicant
• material produced for professional creative practice
• other professional or technical writing relevant to the creative industries

Applicants must submit contact information for two professional references. These can come from current and past faculty, professional mentors, supervisors, or community leaders and elders. Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year for which they are applying.

An online interview may be held for applicants who reach the final stage of consideration for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate challenges to and opportunities for success in the creative industries emphasizing impact and place, and the intersection of art practice and social, political, economic, and other structures that shape communities
- Apply design thinking to the development of creative enterprises including arts management, civic practice, creative placemaking, leadership, and the management of innovation in the expanded creative fields.
- Foster collaborative relationships that support dynamic co-creation in art and design learning and constructive outcomes in systems creation.

Career opportunities

Using arts and design-based methods to advance a spectrum of enterprises, graduates are equipped to pursue positions such as:

- arts managers
- civic leaders
- cultural entrepreneurs and business leaders
- cultural producers

Contact information

The Design School | GHALL 155
https://design.asu.edu/degree-programs/creative-enterprise-and-cultural-leadership?dept=1400&id=1
herbergeradmissions@asu.edu
480-965-2458

Dance (Interdisciplinary Digital Media and Performance), MFA (FADANDIMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Fine Arts program in dance with a concentration in interdisciplinary digital media and performance is typically accomplished during three years of residency.

The program provides a select group of graduate students with a rigorous, in-depth opportunity to specialize in dance and transdisciplinary digital arts. Interdisciplinary classes and research activities offered by the School of Arts, Media and Engineering; the Herberger Institute experience; and the School of Music, Dance and Theatre provide the springboard for students to advance their practice and research. Individuals whose approaches are transdisciplinary and cross-cultural in nature and who are self-motivated, have clear and demonstrated objectives, and are willing to explore new possibilities in the field of dance and beyond are ideal for this program.

Each graduate student develops creative work, scholarship and research that represent their unique perspective as a creative, thinker, teacher and arts advocate. Frequent showings are required for degree completion.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and a portfolio

The degree program involves three years of residency:

a final MFA portfolio (8 credit hours)
a written document
an oral defense
required coursework in the concentration taught by the School of Arts, Media and Engineering (18 credit hours)
electives (15 credit hours)
required courses in the School of Music, Dance and Theatre (19 credit hours)
ongoing showings of work

The current MFA program is normally accomplished during three years of residency in the School of Music, Dance and Theatre. Ongoing showings of creative work are required. Foundational coursework is offered in areas of creative practice, movement practices, pedagogy, professional development, technology and theory.

Students enrolled in the program specialize in areas related to independent research. The MFA portfolio, which may involve producing original choreography, presenting a lecture demonstration on a body of research, or another form of original work, acts as the culminating experience of the program. Completing the process are a presentation, a final written document that is reflective in nature, and an oral defense.

Additional information on requirements for this degree is available on the curriculum check sheet located at the bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADANDIMFA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• School of Music, Dance and Theatre application (https://apply.mdt.asu.edu/) including a personal statement, teaching sample, recent creative work and a current resume
• letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

All applicants should thoroughly review the application materials and deadlines on the school's admission website (https://musicdancetheatre.asu.edu/admission).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will be able to apply advanced knowledge of media applications to live dance performances, installations and alternative creative outputs.
- Students will implement relevant practical and theoretical frames for the creation, performance, embodied experience and teaching of dance.
- Students will develop creative and movement inquiry and research processes relevant to dance and digital media.

Career opportunities

Graduates who earn an MFA in dance with a concentration in interdisciplinary digital media and performance have the opportunity to work in a variety of settings and industries, including higher education, digital media and arts programs, media production companies, commercial dance venues, arts organizations, dance production, and performance settings. For some, the degree serves as preparation for the study of dance or other disciplines at the Doctor of Philosophy level.

Dance interdisciplinary media artists are empowered to secure employment at diverse international venues and events, and many work abroad as independent multimedia artists and performers, digital media consultants and specialists. In addition to working in traditional performance spaces and venues, dance media artists are finding employment opportunities in rapidly evolving global digital performance and entertainment spaces.

Opportunities may include positions that involve:

- choreography, dance film or installation art
- community and social engagement
- curation and archives
- dance lighting, stage production, sound design and technology
- education
- research and scholarship
- interactive performance art
- intermedia specialist
- performing artist and entrepreneurship
- research and scholarship

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADANDIMFA/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Dance Teaching Artist Praxis (Certificate), Certificate (HIDTAPGRCT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

The curriculum is being reviewed for program changes and will be updated upon arrival.

Program description

This program equips students with practical and theoretical knowledge, skills and credentials that deepen their understanding of dance pedagogy. Students engage in a mix of studio-based courses, seminars and experiential learning to fully explore and scaffold appropriate teaching practices for dancers of any age and skill level.

Students who complete the dance teaching artist praxis certificate fulfill the coursework requirements they need to obtain a Provisional Arts Education pre-K--12 certificate in dance from the Arizona Department of Education. They also gain the qualifications and credentials required for developing and teaching university teacher preparation courses and training programs, as well as the skills and perspectives necessary to work effectively as a teaching artist in diverse sociocultural and learning contexts.

STEM-OPT extension eligible: No

Degree requirements

28 credit hours and a portfolio

Required Core (16 credit hours)
DCE 530 Somatic Movement Inquiry I (3)
DCE 531 Somatic Movement Inquiry II (3)
DCE 554 Teaching Praxis I: Postsecondary Teaching Philosophies, Foundations and Practices (3)
DCE 654 Teaching Praxis II: Theories, Contexts, Populations, Psychomotor Development and Curriculum Design (3)
DCE 656 Teaching Praxis III: Secondary Practices and Teacher Preparation Course Development/Implementation (4)

Other Requirements (12 credit hours)
DCE 680 Dance Practicum (12)

Culminating Experience (0 credit hours)
written portfolio (0)

Additional Curriculum Information
Students must submit the written portfolio culminating experience in the last semester of enrollment in the certificate program.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/HIDTAPGRCT/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a minimum of a master's degree in dance or a related field from a regionally accredited college or university, or have successfully completed their first semester of the ASU MFA degree program in dance.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program

or in the ASU Master of Fine Arts program in dance at the time of their application submission.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letters of recommendation
• School of Music, Dance and Theatre application (https://apply.mdt.asu.edu/)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants who are currently enrolled ASU students are not required to submit letters of recommendation.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design pedagogical approaches and curricular content for university or professional teacher preparation courses.
Implement pedagogical approaches and curricular content for pre-K--12 dance education courses.

Global opportunities

Global experience: Study abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/).

Career opportunities

Dance artists and educators who complete a dance teaching praxis graduate certificate are prepared for, and credentialed to, work as dance teaching artists, K--12 dance educators, higher education dance professors specializing in teacher preparation, and dance pedagogy scholars. Graduates can work across a number of sectors, including public and private K--12 schools; higher education institutions; and local, national and international dance communities and organizations, as well as in dance studio settings.

Career examples include:

community arts facilitator
community engagement and social activist artist

dance education researcher or scholar
dance studio owner
K--12 dance educator
K--12 performing arts administrator
performing arts curriculum and program developer
social engagement practitioner
somatics educator
teaching artist
university dance professor and teacher preparation specialist
wellness instructor

Dance teaching artists are successful in securing employment in diverse international venues and events, working abroad as resident dance teaching artists and as dance educators and performers. A number of employment opportunities for teaching artists exist all over the world.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/HIDTAPGRCT/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Dance, MFA (FADANCEMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Fine Arts program in dance is typically accomplished during three years of residency.

The School of Music, Dance and Theatre is an inclusive and dynamic environment where students grow as artists, educators and scholars. The MFA in dance program welcomes a range of applicants, including returning dance professionals, who are experienced and interested in creative practices, somatics, teaching praxis, technology, community engagement, practices of equity and inclusion, professional partnerships, scholarship, arts advocacy, theoretical study and inquiry. Individuals whose approaches are transdisciplinary and cross-cultural in nature, who are self-motivated, and who have clear and demonstrated objectives are ideal for this program

The MFA in dance encourages in-depth study through a variety of dance practices and related fields. Each student develops creative work, scholarship and research that represents their specific perspective as a creative, thinker, teacher and arts advocate. Frequent showings are required for degree completion.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and a portfolio

Students in the MFA program in dance take coursework in dance and related fields that have been designed to provide a broad and fundamental preparation for future careers. Opportunities on and off campus further develop the

knowledge and skills students need to become leaders in the dance community through teaching, performing and creating, and engaging in scholarship and arts advocacy.

The MFA portfolio in dance serves as the culminating experience in the graduate dance curriculum. The portfolio takes into consideration the student's future goals and serves as a bridge to careers beyond graduate school.

Additional information on requirements for this degree is available on the curriculum check sheet at the bottom of the school's degree webpage (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADANCEMFA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• School of Music, Dance and Theatre application (https://apply.mdt.asu.edu/), including a personal statement, teaching sample, recent creative works and a current resume
• letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

All applicants should thoroughly review the application materials and deadlines on the program admission webpage (https://musicdancetheatre.asu.edu/admission).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Students will be able to create new artistic work or practices and processes in core areas of interest including: dance performance and creative practice, somatic inquiry, teaching praxis, technology, scholarship, and socially and community engaged practice.
> Students will develop relevant practical and theoretical frames for the analysis and teaching of dance.

Students will develop creative and movement inquiry and research processes relevant to their chosen area of focus.

Career opportunities

Graduates with an MFA degree in dance continue in the profession in a variety of settings and industries, including dance in higher education, commercial dance venues, arts organizations, community and wellness programs, professional dance companies, and stage production settings. For some, the degree serves as preparation for the study of dance or other disciplines at the Doctor of Philosophy level.

Graduates are empowered to secure employment at diverse international venues and events, and many work abroad as dance artists and educators. Global opportunities include university, professional or dance festival instruction; professional and community choreography creation; professional dance company performance; or independent artistry. Graduates have a number of full- and part-time employment opportunities around the world.

Opportunities may include work with:

arts programming, grant writing and development
choreography, dance, film or installation art
community and social engagement
dance curation
education
entrepreneurship
performance
research, scholarship and curricular development
somatics

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADANCEMFA/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Design (Experience Design), MSD (HIDEDMSD)

College/School: Herberger Institute for Design and the Arts

Campus: ASU at Mesa City Center

Program description

The Master of Science in Design program with a concentration in experience design focuses on design practices for virtual experiences in extended reality technologies, including environmental design, programmatic in both real and virtual universes, rapid prototyping, storytelling and world-building. This program is distinct among emerging media programs with its application of these technologies and practices in socially engaged and transdisciplinary modalities. It takes tools that evolved primarily from and for entertainment and applies them to the modeling of authentic challenges and futures.

Students develop human-centered design methods to improve user experience using theories and concepts from cognition and psychology, in addition to developing the ability to manage projects, work effectively in teams, and transform research into creative and technological products.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Art (Animation), BFA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

36 credit hours and a thesis, or
36 credit hours including the required applied project course (DSC 593)

Required Core (3 credit hours)
DSC 501 Qualitative Research in Design (3)

Concentration (9 credit hours)
DSC 550 Prototyping Futures (3)
DSC 551 Immersive Experience Design I (3)
HDA 581 Emerging Media Colloquium (3)

Research Methods (3 credit hours)
DSC 500 Research Methods (3)

Electives (11 credit hours)

Other Requirements (4 credit hours)
DSC 584 Internship (4)
DSC 590 Reading and Conference (4)
DSC 592 Research (4)
HDA 580 Practicum (4)

Culminating Experience (6 credit hours)
DSC 593 Applied Project (6) or
DSC 599 Thesis (6)

Additional Curriculum Information
In the concentration coursework, HDA 581 should be taken three times for one credit hour.

For other requirements, students must complete a minimum of four credit hours of faculty-led research (DSC 592), individualized instruction (DSC 590), the design and implementation of public programs (HDA 580), or an internship (DSC 584).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in design and media

arts or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• portfolio
• contact information of two references
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants should express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The portfolio should be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities and ability to conceptualize, innovate and effectively communicate design ideas.

Applicants must submit contact information for two professional references. These can come from current and past faculty members, professional mentors, supervisors, or community leaders and elders.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year for which they are applying.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate human experience needs and wants using immersive concepts and technologies.
Apply their understanding and practice of design, storytelling, and worldbuilding through a design proposal that utilizes immersive technologies to addressing problems, challenges and obstacles.
Develop solutions to real-world challenges through collaboration with interdisciplinary, transdisciplinary, and multi-stakeholder partners.

Career opportunities

Graduates of this program are well prepared for careers in a variety of fields related to the application of immersive experience design and extended reality technologies and practices.

Virtual and augmented reality have practical and popular applications in entertainment, gaming, workforce development and research, but graduates of this program also had direct experience with the application of these tools to other areas that can expand their available pathways: architecture, interior design, urban planning, health care and education, among others. They are ideally suited for the rapidly changing climate of this field.

Career opportunities include:

- architects and interior designers
- experience designers
- film and video editors
- graphic designers
- mobile developers
- software developers
- 3D modelers and visualizers
- web developers

Contact information

The Design School | CDN 162
https://design.asu.edu
MIXStudents@asu.edu
480-965-3436
Admission deadlines (https://herbergerinstitute.asu.edu/admissions)

Design (Space Architecture and Extreme Environments), MSD (HIDSCSMSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Science in Design program with a concentration in space architecture and extreme environments at The Design School is for students passionate about pushing the boundaries of design and engineering to shape the future of human habitation beyond Earth. This interdisciplinary degree program breaks conventional barriers and connects learners to the emerging space sector through innovative partnerships.

Students investigate how to live on another planet while discovering ways to improve lives on Earth. Through a curriculum emphasizing innovation, research and hands-on projects, students delve into human factors in space, limited resource utilization, microgravity effects and psychological well-being in extreme environments. Students learn in state-of-the-art facilities and have access to pioneering experts in the fields of space architecture and extreme environments.

The program prepares students for a rewarding career in designing alternatives for humanity to live, work and thrive in space. It involves exploring, learning and adapting to extreme environments to design habitats, structures and systems for an interplanetary future. Working collaboratively with people across disciplines and delving into ASU's broader space initiatives, students contribute to designing an inclusive and sustainable pathway to space with humans at the center.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technological Leadership, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

36 credit hours and a thesis, or
36 credit hours including the required applied project course (DSC 593)

Required Core (3 credit hours)
DSC 501 Qualitative Research in Design (3)

Concentration (6 credit hours)
DSC 550 Prototyping Futures (3)
IND 544 Human Factors Systems and Documentation (3)

Research Methods (3 credit hours)
DSC 500 Research Methods (3)

Electives (15 credit hours)

Research (3 credit hours)
DSC 592 Research (3)

Culminating Experience (6 credit hours)
DSC 593 Applied Project (6)
DSC 599 Thesis (6)

Additional Curriculum Information
The program provides a wide variety of elective options offered by The Design School and collaborating units so students can tailor their education to align with their research interests and career objectives. Students may also explore other elective courses from affiliated schools with approval.

In alignment with their academic and professional aspirations, the culminating experience provides students with the flexibility to choose between a traditional thesis or an applied project. The applied project is an opportunity for hands-on experience in solving practical challenges within extreme environments.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in architecture, engineering, environmental design, interior design, urban planning or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable

master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• design portfolio
• contact information for two references
• professional resume or CV
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English is required to provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references must be submitted via SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants are required to express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The design portfolio must be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities and ability to conceptualize, innovate and effectively communicate design ideas.

Applicants must submit contact information for two professional references. These can come from current and past faculty members, professional mentors, supervisors, or community leaders and elders.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, another application must be submitted for the year in which they are applying.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the space architecture and extreme environments concentration pursue careers as:

- space architects
- space artists
- space eco-tourism consultants
- space industry analysts
- space industry consultants
- space industrial designers
- space interior designers
- space tourism experience designers
- space visual graphic designers

Graduates can specialize for roles specific to the aerospace industry such as:

- aerospace entrepreneur
- environmental control and life support systems designer

environmental impact assessor
environmental scientist
extraterrestrial habitat designer
planetary designer
science communicator

They also have the skills to work outside the space industry as:

educators
human factors specialists
materials scientists
sustainable design consultants
urban space planners

Contact information

The Design School | CDN 288
https://design.asu.edu/degree-programs
designgrad@asu.edu
480-965-3536
Admission deadlines (https://design.asu.edu/admission)

Design (Visual Communication Design), MSD (ARVCDMSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Science in Design degree program with a concentration in visual communication design at The Design School focuses on advanced studies in visual language, history, theory, criticism and methodology, design processes, and technology.

Through a specialized research and design skills curriculum, students develop an understanding of contemporary graphic design issues.

STEM-OPT extension eligible: No

Degree requirements

36 credit hours and a thesis, or
36 credit hours including the required applied project course (DSC 593)

Students may choose to complete their graduate work by way of a thesis or an applied project.

A master's degree thesis is a scholarly endeavor that demonstrates the author's ability to do supervised research and intellectual writing.

The applied project, different from a thesis, includes a project and a written document. Through this scholarly endeavor, the designer both demonstrates the ability to do supervised research and presents substantial evidence of their ability to apply research creatively to a design situation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• portfolio
• letter of intent
• resume
• contact information for two references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students are required to submit proof of English proficiency through either the TOEFL or the IELTS if their native language is not English. The minimum score for admission to the program is 80 on the TOEFL iBT® taken in a testing center or an overall band score of 6.5 on the IELTS.

When applying for admission, applicants must declare an MSD concentration (such as this visual communication design concentration). Students should see the department website for an approved list of graduate programs.

The portfolio, letter of intent, resume and contact information for two references must be submitted via SlideRoom (https://asudesign.slideroom.com (https://asudesign.slideroom.com/#/Login)). The Design School requires that these be submitted in addition to the graduate application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they must submit another application for the year in which they are applying.

GRE scores are not required.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Engage in scholarly field inquiry involving the language and research of visual communication design.

Disseminate the results of their thesis or applied project research in a public forum.
Compose a research proposal that embodies methodologies suitable to the research questions identified.

Career opportunities

Graduates are prepared for a career in graphic design education or for advanced design professions.

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (Design), PHD (HIDEADSPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Philosophy in design, environment and the arts with a focus in design is a flexible, interdisciplinary program that permits designers to develop the experience, skills and framework they need in order to become competent researchers, scholars, innovators, visionaries and leaders in the various disciplines of design, environment and the arts.

Broad in scope, the program involves interdisciplinary research interests at both the micro- and macro-scales of design, environment and the arts. There are opportunities for research specialization in areas such as:

• global health and human factors
• history, culture, theory and philosophy
• social justice, placemaking and placekeeping
• sustainability and resilience
• technology, innovation and entrepreneurship

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Concentration (9 credit hours)
DSC 594 Conference and Workshop (3)
EPD 791 Seminar (3)
GRA 501 Creative Environment and Collaborative Leadership (3)

Other Requirements (12 credit hours)
EPD 590 Reading and Conference (3)
EPD 790 Reading and Conference (9)

Research (12 credit hours)
EPD 792 Research (12)

Electives (33 credit hours)

Culminating Experience (12 credit hours)
EPD 799 Dissertation (12)

Additional Curriculum Information
Students must take all three courses from the list of concentration courses above. Other courses as relevant coursework should be taken as Electives with approval of the supervisory committee. When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in a closely related field from a regionally accredited institution. Examples of appropriate fields include art history, architectural history and design history. Fields in the humanities such as history, literature, archaeology and anthropology also may be considered. Students without graduate experience in the history of art, history of architecture and history of design may be asked to fulfill deficiencies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GRE scores
• letters of recommendation
• professional resume
• personal statement
• abstract of proposed research
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

Applicants must submit the personal statement, abstract of proposed research and contact information for two references to Slideroom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)). It is required that these be submitted in addition to the Graduate College application requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Effectively utilize theories and concepts in design, environment and the arts for critical analysis of real-world problems in their respective fields.
Synthesize iterative ideas and design concepts into deliverables that meet the professional standards in design, environment and the arts sectors.
Disseminate the results of their design, environment and the arts research in a public forum.

Career opportunities

More than 80 people have completed the program, and many are pursuing university teaching and research careers in design, environment and the arts fields. Others have careers leading planning and design firms or are engaged in business, industry, government and advocacy careers.

Contact information

Dean, Herberger Institute for Design and the Arts | CDN 152E
https://herbergerinstitute.asu.edu/
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (Digital Culture in Design), PHD (HIENVDGPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications to this program.

Program description

The Doctor of Philosophy program in design, environment and the arts with a concentration in digital culture in design focuses on the role of computational systems in enhancing creativity and the quality of human design. Graduates of the program should be thinkers as well as doers; they should learn to question the existing paradigms that govern the digital world as they impact design and the arts; they should be able to analyze systematically how digital tools affect the way designers and artists think, conceptualize, create and evaluate their designs and artwork; and, as a result, they should be able to come to a unique synthesis, leading the way in these fields.

This concentration program primarily explores the impact of digital culture on how built environments, products and visual communications are designed and analyzed by design professionals and are utilized by their intended audience. Students should be able to systematically question existing paradigms and ontologies of digital tools, evaluate the new paradigms that emerge as a result of digital culture, and propose new frameworks for design disciplines. Issues such as user interface design for new products, computer simulation of the performance of buildings and products, the effects of digital tools on architectural form giving, digital design processes, better incorporation of human factors into design tools, usability and interaction design are some examples of faculty expertise and areas of focus.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Required Concentration (12 credit hours)

Other Requirements (30 credit hours)
a previously awarded master's degree or approved relevant coursework (30)

Research and Approved Electives (24 credit hours)

Culminating Experience (12 credit hours)
EPD 799 Dissertation (12)

Additional Curriculum Information
Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program. Up to 30 credit hours from a previously awarded master's degree can count toward the requirements of the doctoral program.

Of the 54 credit hours remaining after the master's degree, 12 must be dissertation credit and 12 may be research. These 24 credit hours plus the remaining 30 credit hours must be completed after admission to the program. No transfer credits are allowed to fulfill the 54 credit hour minimum requirement completed after admission to the program.

The student is required to take 12 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the concentration; a minimum of six credit hours in current research and research methods is required.

Each student entering the program is required to submit a plan of study during the first year.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the field of architecture, graphic design, industrial design, interior design, landscape architecture, arts media or engineering from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GRE scores
• three letters of recommendation
• a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education

• an indication of proposed area of concentration (design, history, theory and criticism; digital culture in design; or health care and healing environments)
• an indication of a potential mentor
• a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. A TOEFL iBT score of at least 100 or an overall IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English.

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU and become certified. Additional information is available on the department website.

ASU does not accept the GRE® General Test at home edition.

Students are admitted to the program only upon completion of a degree in architecture, graphic design, industrial design, interior design, landscape architecture or fine arts, or upon the demonstration of equivalent standing. Applicants must be familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program.

The letters of recommendation preferably would be academic, although they could be professional. Applicants are to provide the names and contact information of three recommenders at the time of their online application. Recommenders receive an email with a link to the online letter of recommendation to complete. Applicants are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic or list of possible topics that aligns with the research mission of the program and the research interests of faculty.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Students should introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The application is considered incomplete if any of the application items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores; previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon the written recommendation from the program director, the dean of the Graduate College notifies all applicants in writing of the admission decision.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Dean, Herberger Institute for Design and the Arts | CDN 162E

https://herbergerinstitute.asu.edu
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (Healthcare and Healing Environments), PHD (ARENHHEPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The health care and healing environments concentration under the Doctor of Philosophy program in design, environment and the arts focuses on the integration of evidence-based design, sustainable science and best practices benchmarks when planning health care facilities. Facility-related responsibilities supported by this area cluster into seven functional work units:

• facilities analysis (physical and environmental)
• human factors and user needs
• interior planning and design
• programming (long-range planning)
• research methodologies
• space management and planning
• strategic planning

This multidisciplinary program integrates the principles of medical and clinical innovations, interior architecture, human health services, communication studies, architecture, and behavioral and engineering sciences. Students in this program are mentored by local health care design consultants, teaming with nursing students and working directly with real clients and corresponding with forward thinking health care research centers.

Graduating students are able to address contemporary issues facing the health care industry, address health care environments on multiple levels, apply evidence-based research techniques, and effectively communicate with clinicians.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Concentration (18 credit hours)

Electives or Research (48 credit hours)
EPD 792 Research (12)
other electives or research (36)

Culminating Experience (12 credit hours)
EPD 799 Dissertation (12)

Additional Curriculum Information
Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of

academic maturity before being admitted to the program.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If the student has not completed a master's degree, elective courses approved by the supervisory committee may be substituted.

The student is required to take 18 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the area of concentration.

Students are not allowed to use transfer credits to fulfill the 54 credit hour minimum requirement for resident credit. Each student entering the program is required to submit a plan of study during the first year.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in the field of design, interior design, architecture, nursing or other related fields from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GRE scores
• three letters of recommendation
• a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
• an indication of proposed area of concentration (design, history, theory and criticism; digital culture in design; or health care and healing environments)
• an indication of a potential mentor
• a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. A TOEFL iBT® score (taken in a testing center) of at least 100 or an overall International IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English.

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU, and become certified. Additional information is available on the department website.

ASU does not accept the GRE® General Test at home edition.

Ideal candidates must already hold a master's degree in design, interior design, architecture, nursing or other related fields. A statement of intent will express interest in the health care research and design concentration. If students enter

the program with no design or health care background, they must take certain additional courses.

The letters of recommendation preferably would be academic, although they could be professional. Applicants provide the names and contact information of three recommenders at the time of their online application. Recommenders receive an email with a link to the online letter of recommendation to complete. Applicants are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic, or list of possible topics, that aligns with the research mission of the program and the research interests of faculty.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Applicants are recommended to introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The application is considered incomplete if any of the application items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student, the compatibility of the applicant's career goals with the purpose of the degree program, GRE scores, previous academic training and performance, recommendation letters, and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon the written recommendation from the program director, the dean of the Graduate College notifies all applicants, in writing, of the admission decision.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates may pursue advanced positions in the following arenas:

elite consulting firms as facility programmers
large health care systems and corporations as strategic planners
leading manufacturers and vendors as expert representatives
planning divisions in architectural and planning firms as medical planners
research centers as decision-makers

Contact information

Dean, Herberger Institute for Design and the Arts | CDN 162E
https://herbergerinstitute.asu.edu/
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (History, Theory, and Criticism), PHD (HIDEAHTPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The history, theory and criticism concentration within the Doctor of Philosophy program in design, environment and the arts focuses on the theoretical dimensions of architectural, design and art histories including critical discourse in the design or art disciplines. The program offers classes and research across many cultures, geographies and time periods as well as many approaches and methodologies within the art history program. Within this broad-based, on-demand program, students gain an encyclopedic knowledge of basic issues in the areas of architecture, design and art history.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus, a dissertation and two foreign language exams

Required Core (6 credit hours)
EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Required Concentration (15 credit hours; choose five courses)
APH 515 Current Issues and Topics (3)
APH 590 Reading and Conference (3)
APH 598 Special Topics (3)
ARS 501 Methodologies and Art History (3)
ARS 506 Critical Studies in Roman Art (3)
ARS 514 Monasteries, Madonnas and Manuscripts (3)
ARS 533 The Pre-Raphaelites (3)
ARS 574 Art of Japan (3)
ARS 575 Approaches to Chinese Painting (3)
ARS 584 Internship (3)
ARS 585 Women in the Visual Arts (3)
ARS 591 Seminar (3)
ARS 598 Special Topics (3)
ARS 790 Reading and Conference (3)
EPD 790 Reading and Conference (3)

Research (12 credit hours)
EPD 792 or ARS 792 Research (12)

Electives (39 credit hours)

Culminating Experience (12 credit hours)
EPD 799 or ARS 799 Dissertation (12)

Additional Curricular Requirements
A foreign language exam is required in order to show reading knowledge of two foreign languages as demonstrated by the exam administered by the School of International Letters and Cultures (or equivalent) during the program or by a "B" or better (scale is 4.00 = "A") in a reading course such as a 400- or 500-level special topics course (example: ITA 494 or FRE 598 for reading knowledge). These credits do not count toward the degree total unless taken at the 500 level or above and approved by the faculty mentor as a concentration course.

When approved by the student's supervisory committee, this program allows 30 credit hours from a previously awarded master's degree to be used for this program.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in any field from a regionally accredited institution. Examples of appropriate fields include art history, architectural history, design history or fields in the humanities, such as history or literature; archaeology and anthropology may also be considered. Students without graduate experience in the history of art, history of architecture and history of design may be asked to fulfill deficiencies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• abstract of proposed research
• personal statement
• letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must submit to Slideroom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)) the personal statement, abstract of proposed research, and contact information for three references. It is required that these be submitted in addition to the Graduate College application requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find more information on the Global Education Office website (https://goglobal.asu.edu/).

Career opportunities

Knowledge and skills gained in this program make graduates more effective in a variety of locations including authentication agencies, antiques reselling and brokerages, gallery spaces and more. A doctorate degree is necessary

for responsible administrative posts in museums and higher education and for employment as a university or college faculty member.

Contact information

Dean, Herberger Institute for Design and the Arts | ART 102
https://art.asu.edu/masters-degrees-phds/majorinfo/HIDEAHTPHD/graduate/false/12
soaadmin@asu.edu
480-965-8521

Design, Environment and the Arts, PHD (HIDEAPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Doctor of Philosophy program in design, environment and the arts is an individualized, institute-wide, transdisciplinary degree program that integrates graduate courses and faculty research with expertise in design; health care and healing environments; history, theory and criticism; and digital culture in design.

Broad in scope, the program is at the cutting edge of creating new knowledge in architecture, design and the arts. It complements transdisciplinary research in other disciplines within the university. The program provides research experience for students who wish to pursue careers in industry as members of interdisciplinary design teams on environmental and energy issues as well as for those who wish to teach in the architecture, design or the arts fields.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Up to 30 credit hours from a previously awarded master's degree can count toward the requirements of the doctoral program.

Of the 54 credit hours remaining after the master's degree, 12 must be dissertation credit and 12 may be research. These 24 credit hours plus the remaining 30 credit hours must be completed after admission to the program. No transfer credits are allowed to fulfill the 54 credit hour minimum requirement completed after admission to the program.

The student is required to take 15 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the area of focus; a minimum of six credit hours in current research and research methods is required.

Each student entering the program is required to submit a plan of study during the first year.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in the field of architecture, graphic design, industrial design, interior design, landscape architecture or fine arts from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
• an indication of proposed area of concentration (design; history, theory and criticism; digital culture in design; or health care and healing environments)
• an indication of a potential mentor
• a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. A TOEFL iBT score of at least 100 or an overall IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English.

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU, and become certified. Additional information is available on the department website.

Students are admitted to the program only upon completion of a degree in architecture, graphic design, industrial design, interior design, landscape architecture or fine arts, or upon the demonstration of equivalent standing. Applicants must be familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Students should introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The letters of recommendation preferably would be academic, although they could be professional. Applicants must provide the names and contact information of three recommenders at the time of their online application. Recommenders receive an email with a link to the online letter of recommendation to complete. Candidates are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic or list of possible topics that aligns with the research mission of the program and the research interests of faculty.

The application is considered incomplete if any of the items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based

on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores (optional); previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon receipt of the written recommendation from the program director, the dean of the Graduate College notifies all applicants in writing of the admission decision.

ASU does not accept the GRE® General Test at home edition.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Dean, Herberger Institute for Design and the Arts | CDN 162E
https://herbergerinstitute.asu.edu/
designgrad@asu.edu
480-965-3536

Digital Culture, MA (HIDGCMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Arts program in digital culture is geared toward practitioners of design and the arts who have an interest in engaging in scholarly knowledge creation at the intersection of computational arts and sciences and seek to enhance their practice through expanded engagement with interactive and embodied media theory and design. The degree program allows artists and designers to explore new avenues for real-time media creation that seek to go beyond current paradigms.

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications --- and prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies. Its mission is to improve and facilitate learning, creativity and communication; it does this through the integration of human physical experience and computational and digital media practice-based methods.

Students admitted to the MA program in digital culture can explore:

• critical media theory --- philosophical technologies, speculative design
• engineering --- social and embedded design, system engineering
• experiential media --- interaction design, responsive environments
• machine learning --- artificial intelligence, augmented reality, virtual reality
• science --- mediated rehabilitation, public participation in science
• sensory --- food design and sensory science, somatic and movement studies
• sound design --- digital composition and performance, acoustic ecology
• sustainability --- sustainability and critical climate studies, urban climate infrastructure

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (AME 593)

Required Core (12 credit hours)
AME 520 Movement and Computing (3)
AME 530 Philosophy of Media Technology (3)
AME 531 Experimental Media Philosophy (3)
AME 532 Creating Interactive Media (3)

Electives or Research (18 credit hours)

Culminating Experience (3 credit hours)
AME 593 Applied Project (3)

Additional Curriculum Information
Students should check with the academic unit regarding appropriate electives coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in one of the following areas from a regionally accredited institution: arts, humanities, design, media studies, computer science, engineering or a closely related field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letters of recommendation
• portfolio
• statement of purpose
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A portfolio is required; however, submissions will vary depending on the background of each prospective student because of the transdisciplinary nature of the program. Applicants from a wide variety of disciplines are expected to be interested in the master's degree. Key works are requested from applicants to illustrate the types of skills they wish to develop in the program. Examples include games they have designed and programmed, interactive installations and performances (submitted as video), websites they have created or programmed, music they have composed digitally or films they have made.

The statement should explain, in a concise and persuasive manner, how the student's educational, professional and personal experiences inform their research and creative interests, and it should elaborate on any aspect of their background that supports their candidacy for admission to the School of Arts, Media and Engineering.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MA program in digital culture go on to careers in areas such as:

acoustics research
communications
graphic design
marketing
mobile development
sound design
3D modeling

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9438
Admission deadlines (https://artsmediaengineering.asu.edu/masters-degrees-phds/majorinfo/HIDGCMS/graduate/false/50)

Design (Design of Healthcare and Healing Environments), MSD (ARHHEMSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science in Design program with a concentration in design of health care and healing environments is focused on the science and experiences behind the built environment's real and perceived impacts on health and wellness. To this end, the program emphasizes the intersection and integration of evidence-based research and practice, transdisciplinary studies, best practices, and innovation in supporting and advancing the design of healthy environments, products and processes. Students explore and synthesize principles from a variety of disciplines that include innovation, architecture, design, communication, human behavior, policy, quality and performance improvement, among others, to arrive at a thorough understanding of the critical issues facing the health care industry.

Students in this concentration have opportunities to:

• be mentored by local health care design consultants
• communicate with forward-thinking health care research centers
• engage directly with real clients
• interact with prominent health care organizations
• participate in industry conferences
• team with nursing and health innovation faculty members and students

STEM-OPT extension eligible: No

Degree requirements

36 credit hours and a thesis, or
36 credit hours including the required applied project course (DSC 593)

Students may choose to complete the graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project is somewhat different. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• portfolio
• letter of intent
• contact information for three references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The minimum score for admission to the program is 80 on the TOEFL iBT®. Other information for international applicants can be found on the ASU Admission Services (https://admission.asu.edu/apply/international/graduate) website.

When applying for admission, applicants must declare one of seven focus areas:

• arts, media and engineering
• design of health care and healing environments
• industrial design
• interaction design
• interior design
• new product innovation
• visual communication design

The portfolio, letter of intent and contact information for three references must be submitted to SlideRoom

(https://asuherberger.slideroom.com/#/Login (https://asuherberger.slideroom.com/#/Login)). The Design School requires that these be submitted in addition to application materials required by ASU Admission Services.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise another application must be submitted for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Teaching or Research Assistantships
Applicants who wish to be considered for teaching or research assistantships should submit an additional statement outlining areas in which they feel competent to serve as a teaching or research assistant. All interested applicants can apply for a teaching assistantship position online. The link to the application is provided on the MSD website.

All international teaching or graduate assistants whose primary language is not English are required to be certified in their English language abilities. Those individuals whose native language is not English is required to submit a Speaking Proficiency English Assessment Kit score, which is administered at ASU. Students also have the option of completing the Test of Spoken English, administered directly by the Educational Testing Service. For this group, no personnel action form will be signed until this examination has been successfully completed.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Engage in scholarly field inquiry involving the language and research of healthcare and wellness design.
- Disseminate the results of their thesis or applied research in a public forum.
- Compose a research proposal that embodies methodologies suitable to the research questions identified.

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Indigenous Placekeeping and Design, MS (HIIPDMS)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Science program in Indigenous placekeeping and design is a hands-on program that immerses designers, artists, scholars and educators in creative and community-based dialogue to grow capacities, advance culture and equity, and imaginatively address today's most pressing challenges. Participants engage in direct collaborations with Indigenous communities (urban and rural) and work alongside civic and industry partners, enabling students to learn and practice with internal and external guidance. The skills gained enable graduates to specialize in Indigenous placekeeping and design.

The design industry requires constant innovation to keep up with society's changing needs, including research and soft

skills. This degree program enables students to develop applied skills and earn credentials across a broad range of competencies while receiving an overview of Indigenous design processes and design thinking. Areas of focus in the program include Indigenous research methods, cultural design, cultural competency, group facilitation, concepts of holistic resiliency, ethics and asset-based community development. These competencies prepare graduates to meet industry needs and for excellence in a range of occupations.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (DSC 593)

Required Core (12 credit hours)
DSC 517 Indigenous Placekeeping and the Built Environment (3)
DSC 518 Indigenous Architectural History and Contemporary Design (3)
DSC 519 Indigenous Design Data Collection, Analysis, Research and Representation (3)
DSC 525 Contemporary Digital Topics (3)

Electives (15 credit hours)
DSC 521 Futurity of Indigenous Knowledge (3)
DSC 522 Indigenous Design Media and Communication (3)
DSC 523 Resource-driven Construction and Design (3)
DSC 524 The Indigenous Landscape: Place Meaning and Attachment (3)
design elective (3)

Culminating Experience (3 credit hours)
DSC 593 Applied Project (3)

Additional Curriculum Information
The final elective course should be selected in consultation with the program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in architecture or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• portfolio or other work samples
• contact information for three professional references
• professional resume or CV

• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants should express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program, and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

Applicants are required to submit a portfolio or other collection of work samples. Applicants may choose to submit a design portfolio, writing samples, tear sheets or a combination of different work samples. This should be a curated collection of a candidate's works, projects and creations to represent the candidate's skills, creativity, passion, and ability to conceptualize, innovate and effectively communicate ideas.

Applicants must submit contact information for three professional references. These can come from current and past faculty members, professional mentors, supervisors, or community leaders and elders.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year for which they are applying.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Future pathways for graduates of this program include becoming architecture and planning professionals, cultural heritage consultants for municipalities, development team members and other professionals involved in the built environment and employees working directly for tribal communities in the planning and development departments. Graduates often pursue careers as:

- architects
- community planners
- cultural advisors
- cultural heritage consultants
- cultural resource managers
- landscape designers
- urban designers

Contact information

The Design School | CDN 158C
https://design.asu.edu/degree-programs
designgrad@asu.edu
480-965-3536
Admission deadlines (https://design.asu.edu/admission)

Industrial Design, MID (HIINDMID)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Industrial Design program is a studio-based program in which students learn to design new products, systems, services, experiences or businesses by envisioning the future.

Students engage in research, brainstorming, idea visualization, prototyping and testing creative solutions that address different stakeholders' challenges while facing a new competitive industry environment.

During the program, students are encouraged to work in a transdisciplinary way to harness creativity to resolve problems and co-create solutions to improve the user experience, capturing value for the industry while being responsible for the environment.

The program includes a design trip as a guided learning experience, in which students visit places like Tokyo, Milan or San Francisco, engaging in a deeper level with the industries and the industrial design practice, discovering a more optimistic way of looking at the future by reframing problems as opportunities.

Students of this program are adept in using principles of design innovation, sustainability and systems thinking in problem-solving.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

60 credit hours including the required capstone course (IND 622)

Required Core (40 credit hours)

Electives (12 credit hours)

Other Requirement (3 credit hours)
IND 584 Internship (3)

Culminating Experience (5 credit hours)
IND 622 Advanced Industrial Design Studio IV (5)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

The MID program includes sequential studio courses. Requirements involve an average of 14 credit hours per semester. An internship is required during the summer before the final year.

Additional coursework is required for students who are in the three-plus-year program; students should contact the academic unit for more information.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• portfolio
• contact information for two references
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants should elaborate on their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The portfolio should be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities and ability to conceptualize, innovate and effectively communicate design ideas.

Applicants must submit contact information for two professional references. These can come from current and past faculty members, professional mentors, supervisors, or community leaders and elders.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they need to go through the entire application process again for the year for which they are applying.

Applicants may be admitted to the two-year program with additional coursework if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. This additional coursework must be completed prior to taking the required courses, if necessary; this may cause the student to take longer than two years to complete the program.

Admission requirements for the two-year program

Applicants must hold a minimum of a bachelor's degree or equivalent or a graduate degree from a regionally accredited college or university of recognized standing in a related field such as industrial design or product design.

Admission requirements for the three-plus-year program
Applicants must hold a bachelor's degree or equivalent from a regionally accredited college or university of recognized standing in a field other than industrial design.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Defend design research findings with a presentation of their unique design concepts
Develop a new product concept design and present it in written and visual mediums to a committee of faculty and stakeholders.
Perform professional-level tasks during their internship, including drafting, collaboration, and technical proficiency appropriate for design practice as determined by the National Association of Schools of Art and Design (NASAD).

Career opportunities

Graduates are able to apply critical thinking and design processes to global opportunities needing change. They find positions in industry and academia and also develop startup ventures. Some examples include:

design consultant
design strategist
head of innovation
interaction designer
product design director
senior industrial designer
senior product design manager
senior UI or UX product designer
university faculty member
UX strategist

Graduates obtain employment with consulting firms that design products, services and experiences for various clients, such as corporate industries, nonprofit institutions and nongovernmental organizations.

They keep an entrepreneurial conscience, addressing specific social or environmental problems, and providing successful market innovations.

Some of our graduates pursue teaching courses in art and design schools, colleges or universities. Others have also established successful design and manufacturing ventures or led product development teams and innovations at renowned organizations.

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Design (Industrial Design), MSD (ARINDDEMSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Science in Design program in industrial design at The Design School is meant for individuals interested in advanced studies in:

• criticism and methodology
• design processes
• history
• human factors
• technology
• theory

Students develop an understanding of contemporary design issues and develop skills by conducting specialized research.

This is a research-based program. Students interested in a studio-based program should refer to the Master of Industrial Design (https://degrees.apps.asu.edu/masters-phd/major/ASU00/HIINDMID/industrial-design-mid).

STEM-OPT extension eligible: No

Degree requirements

36 credit hours and a thesis, or
36 credit hours including the required applied project course (DSC 593)

Students may choose to complete their graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project is different from a thesis. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a portfolio
• a professional resume

• letter of intent
• contact information for two references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of their current residency. The minimum score for admission to the program is 80 on the TOEFL iBT® taken in a testing center or an overall band score of 6.5 on the IELTS.

When applying for admission to an MSD program, applicants must declare one of the concentrations, such as this concentration in industrial design.

The portfolio, letter of intent, resume and contact information of two references must be submitted via SlideRoom (https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)). The Design School requires that these be submitted in addition to the graduate application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise another application must be submitted for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Engage in scholarly field inquiry involving the language and research of industrial design.
Disseminate the results of their thesis or applied research in a public forum.
Compose a research proposal that embodies methodologies suitable to the research questions identified.

Career opportunities

Graduates work for global design consultancies, corporate design teams, universities, research institutes and manufacturing companies.

Graduates are also prepared for a career in industrial design education.

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Interior Architecture, MIA (HIIAMIA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Interior Architecture program is a studio-based degree program that provides a focused experience for students with an undergraduate degree in interior design or architecture. For students without this background, an additional three semesters of study are available.

The mission is to educate and inspire interior architecture leaders through the creation of innovative interior spaces that consider environmental impact, cultural context and social change. This program draws upon history, theory and criticism to inform a collaborative, evidence-based approach, providing students the opportunity to design groundbreaking solutions to contemporary and emergent societal issues.

Nestled in The Design School, students have the opportunity to learn and collaborate with complementary disciplines, as well as the larger community. This living laboratory keeps decision-making agile and inclusive of multiple problem-solving perspectives, providing a foundation of transdisciplinary learning to facilitate the understanding of integrated practice.

The MIA degree is accredited by the Council for Interior Design Accreditation.

STEM-OPT extension eligible: No

Degree requirements

56 credit hours including the required capstone course (INT 622)

Required Core (39 credit hours)
INT 519 Designing with Materials (3)
INT 520 Professional Practice for Interior Architecture (2)
INT 521 Advanced Interior Architecture Studio I (5)
INT 522 Advanced Interior Architecture Studio II (5)
INT 527 Contemporary Design Theory (3)
INT 529 Design Criticism (3)
INT 541 Codes and Building Regulations (1)
INT 547 Sustainability in Interior Architecture (3)
INT 550 Environmental Systems of Interior Architecture (3)
INT 554 Construction Documents for Interior Architecture (3)
INT 558 Lighting Design (3)
INT 621 Advanced Interior Architecture Studio III (5)

Elective (3 credits)
Design Professional Elective (3)

Other Requirements (9 credits)
DSC 598 Topic: Principles of Collaboration in Design (3)
INT 584 Internship (3) or Professional Design Elective (3)
INT 650 Diversity and Design (3)

Culminating Experience (5 credits)
INT 622 Advanced Interior Architecture Studio IV (5)

Additional Curriculum Information
For other requirements, students take three credit hours each of DSC 598 Topic: Principles of Collaboration in Design (3) and INT 598 Topic: Diversity and Design (3). Students complete the three remaining credit hours in the other requirements section by enrolling in an internship through INT 584 Internship, or selecting a professional design elective. Electives should be selected in consultation with the program advisor.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• portfolio
• contact information for two references
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants should express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The portfolio should be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities and ability to conceptualize, innovate and effectively communicate design ideas.

Applicants must submit contact information for two professional references. These can come from current and past faculty members, professional mentors, supervisors, or community leaders and elders.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year in which they are applying.

Applicants may be admitted to the two-year program with additional required coursework if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. This additional coursework must be completed prior to taking the required courses, if necessary. This may cause the student to take longer than two years to complete the program.

Admission requirements for the Two-year program:
All applicants must have completed a minimum of a bachelor's degree or equivalent in interior design or interior

architecture from a Council for Interior Design Accreditation-accredited program or a four-year degree in architecture from a National Architectural Accrediting Board-accredited program.

Admission requirements for the Three-plus-year program:
All applicants must have completed a minimum of a bachelor's degree or equivalent in a field other than interior design, interior architecture or architecture.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Perform professional-level tasks during their internship, including drafting, collaboration, and technical proficiency appropriate for design practice, as identified by the Council for Interior Design Accreditation.
> Synthesize iterative ideas and design concepts into plans for built works to meet professional standards and The Design School Design Imperatives (History, Context, Program, Technology, Construction, Representation).
> Create collaborative relationships that support dynamic co-creation in design learning and constructive outcomes in design creation.

Career opportunities

The MIA program prepares graduates to fill leadership positions in interior architecture, interior design practice and education.

Graduates find employment opportunities with interior design firms, architecture firms or corporations and governmental entities of any size. Firms may specialize in interior design for residential, commercial, retail, hospitality, institutional and health care spaces. Career specialties include historic restoration, branding, sustainability, new product innovation and incorporation of new technology.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Completion of the degree qualifies a graduate to seek work experience as an interior designer and then sit for the National Council of Interior Design Qualification examination.

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Design (Interior Design), MSD (ARINTDEMSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science in Design program in interior design at The Design School is a research program that enables students to deeply investigate how people use and interact with various interior environments. It can be completed in as little as two years.

The program encourages the exploration of creativity, innovation and critical thinking while acknowledging the importance of cultural and historical precedent. This program helps students develop an understanding of contemporary interior design issues through acquisition of specialized research and design skills.

STEM-OPT extension eligible: No

Degree requirements

36 credit hours and a thesis, or
36 credit hours including the required applied project course (DSC 593)

Students may choose to complete their graduate work by way of a thesis or an applied project. The thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project includes a project and a written document. Through this scholarly endeavor, the designer both demonstrates the ability to do supervised research and presents substantial evidence of their ability to creatively apply research to a design situation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• portfolio
• letter of intent
• resume
• contact information for two references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS, regardless of their current residency. The minimum score for admission to the program is 80 on the TOEFL iBT® taken in a testing center, or an overall band score of 6.5 on the IELTS.

When applying for admission, applicants must declare one of the MSD concentrations (such as this concentration in interior design).

The portfolio, letter of intent, resume and contact information for two references must be submitted via SlideRoom (https://asudesign.slideroom.com (https://asudesign.slideroom.com/#/Login)). The Design School requires that these be submitted in addition to the materials required for the graduate application.

GRE scores are not required.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise another application must be submitted for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Engage in scholarly field inquiry involving the language and research of interior design.
Disseminate the results of their research in a public forum.
Compose a research proposal that embodies methodologies suitable to the research questions identified.

Career opportunities

Graduates from this program can expect to go into interior design research or higher education instruction; the program is also good preparation for entry into doctoral programs.

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Landscape Architecture, MLA (ARLDEMLA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Landscape Architecture program at The Design School is an accredited graduate professional degree (https://design.asu.edu/about/accreditation) that prepares students for professional practice, advanced study and leadership in landscape architecture. The master's degree integrates knowledge from arts, science and technology and trains students to design our built environment through integrated systems thinking and transdisciplinary skills and knowledge. The MLA program cultivates capacity in working with communities to address pressing issues such as climate change and environmental justice. The program also prepares students for advanced research study toward a doctoral degree.

The MLA program offers three pathways to accommodate applicants with various undergraduate and professional backgrounds, and students can complete the program in two to three years. Applicants from diverse and nondesign backgrounds are encouraged to apply to the three-year program.

This program values and supports the landscape architecture profession's mission for designing more sustainable, resilient and just neighborhoods, cities and regions.

The MLA program is accredited by Landscape Architectural Accreditation Board. www.asla.org/accreditationlaab.aspx (https://www.asla.org/accreditationlaab.aspx)

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

56 credit hours and a thesis, or
56 credit hours including the required applied project course (LDE 593), or
56 credit hours including the required capstone course (LDE 622)

Required Core (23 credit hours)
LAP 513 Landscape Architecture Theory and Criticism (3)
LAP 571 Advanced Landscape Architecture Professional Practice I (1)
LAP 572 Advanced Landscape Architecture Professional Practice II (1)
LAP 613 Design Synthesis (3)
LDE 521 Advanced Landscape Architectural Studio I (5)
LDE 522 Advanced Landscape Architectural Studio II (5)
LDE 621 Advanced Landscape Architectural Studio III (5)

Research (9 credit hours)
LAP 514 Research in Landscape Architecture (3)
Research area electives (6)

Electives (18 credit hours)
Design professional elective (18)

Culminating Experience (6 credit hours)
LDE 593 Applied Project (6) or
LDE 599 Thesis (6) or
LDE 622 Advanced Landscape Architectural Studio IV (6)

Additional Curriculum Information
Students complete nine credit hours of research, including three credit hours of LAP 514 and six research area electives. Students should see the academic unit for an approved elective list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• portfolio
• contact information for two references
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants are required to express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program, and their future goals, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The portfolio should be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities, and ability to conceptualize, innovate and effectively communicate design ideas.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise another application must be submitted for the year in which they are applying.

Additional Admission Information

Admission requirements for the two-year pathway
An applicant must have completed a four-year or five-year bachelor's degree with a major in landscape architectural studies or be a licensed landscape architect. The undergraduate degree must be granted by an institution that offers the Landscape Architectural Accreditation Board or equivalent accredited degree program in landscape architecture.

Admission requirements for the two-plus pathway
Applicants must have earned an undergraduate or graduate degree in architecture, urban design, landscape design, planning, urban design, environmental or a related design field, or a baccalaureate degree with a major or minor in landscape design.

Admission requirements for the three-year pathway
Applicants must have earned a baccalaureate or graduate degree in any field other than landscape architecture or a design-related field.

Additional Coursework

If a student is assigned any additional coursework by the academic unit upon admission, depending on the undergraduate background, those courses must be completed with a grade of "B" (3.00 on a 4.00 scale) or higher before completing the master's program required coursework. As an MLA student assigned additional coursework, there are two pathways.

Additional courses may include:

LAP 231 Introduction to Digital Applications for Designers
LAP 251 Plant Materials for Sustainable Landscapes
LAP 311 History of Landscape Architecture
LAP 312 20th Century Landscape Architecture
LAP 332 GIS Applications in Environmental Design
LAP 341 Landscape Construction I
LAP 342 Landscape Construction II
LAP 352 Ecosystems and Sustainable Design
LDE 590 Topic: Core Landscape Architectural Studio I
LDE 590 Topic: Core Landscape Architectural Studio II

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Examine design creative process through theory and research articles measured through the final assignment.
Apply key skills in the field related to the analysis of existing landscape conditions and the design of new proposals.
Learn how to design a professional level in landscape architecture studio project.

Global opportunities

Global experience: The Design School is committed to the merging of global and local contexts and experiential learning through traveling experiences. Graduate students may incorporate travel as part of their studio design learning experience. The school also offers a number of summer study abroad programs in an effort to extend the learning opportunities through field studies and global engagement.

Career opportunities

The MLA program prepares graduates to work in diverse aspects of the landscape architecture profession, encompassing public and private sectors as well as not-for-profit organizations. Some examples for the type of work include:

climate change mitigation and adaptation
community development
creative placemaking and placekeeping
ecosystem services and restoration
environmental and climate justice
low-impact development
parks, open space and recreation
smart cities
sustainable cities and landscapes
transportation and infrastructure development

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.For detailed information on licensure requirements, students should contact the Council of Landscape Architectural Registration Boards. www.clarb.org (https://www.clarb.org/)

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Media Arts and Sciences (Extended Reality Technologies), MS (HIDGCERTMS)

College/School: Herberger Institute for Design and the Arts

Campus: ASU at Mesa City Center

Program description

The Master of Science program in media arts and sciences with a concentration in extended reality technologies focuses on the development of innovative tools and methodologies for extended reality and immersive technologies, including simulation, visualization, interaction, computer vision, human-computer interaction, experience design, artificial intelligence and machine learning.

Students develop a fundamental understanding of how emerging media technologies can be used to create virtual worlds that simulate the existing world alongside entirely new ones. In addition, students develop skills in programming languages and software applications necessary to these production workflows, and they have the ability to manage projects; work effectively in collaborative teams; transform research into creative and technological products; and reflect on the ethical, cultural and social frameworks within which their work occurs.

This program is unique among emerging media programs through the application of these technologies and practices in socially engaged and transdisciplinary modalities, taking tools that evolved primarily from and for entertainment and applying them to the modeling of real-world challenges and futures.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

33 credit hours including the required applied project course (AME 593)

Required Core (9 credit hours)
AME 520 Movement and Computing (3)
AME 530 Philosophy of Media Technology (3)
AME 532 Creating Interactive Media (3)

Concentration (9 credit hours)
AME 550 Prototyping Futures (3)
AME 551 Designing Extended-Reality Experiences (3)
HDA 581 Emerging Media Colloquium (3)

Electives (9 credit hours)

Other Requirements (3 credit hours)
AME 584 Internship (3)
AME 590 Reading and Conference (3)
AME 592 Research (3)
HDA 580 Practicum (3)

Culminating Experience (3 credit hours)
AME 593 Applied Project (3)

Additional Curriculum Information
For other requirements, students must complete a minimum of three credit hours of faculty-led research (AME 592), individualized instruction (AME 590), the design and implementation of public programs (HDA 580), or an internship (AME 584).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in media arts, engineering, design or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• portfolio
• letter of intent
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

In the letter of intent, applicants should detail their professional goals and the alignment of those goals with the program.

Because of the transdisciplinary nature of the program, portfolio submissions can vary based on the prospective

student's background. Materials may illustrate the types of skills the applicant possess. Portfolios can be submitted in the form of a website, photos, video, PDFs and other physical documentation. Examples include games designed and programmed by the applicant, music composed by the applicant, performances (submitted as video), and websites programmed by the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of this program are well prepared for careers in a variety of fields related to the application of extended reality technologies and practices. Virtual and augmented reality have obvious and popular applications in entertainment, gaming, workforce development and research, but alumni of this program also have direct experience with the application of these tools to other areas that can expand their available pathways: urban planning, health care and education, among others. They are ideally suited for the rapidly changing climate of this field.

Contact information

The GAME School | GHALL 232
https://artsmediaengineering.asu.edu/masters-degrees-phds/majorinfo/HIDGCMS/graduate/false/50
MIXStudents@asu.edu
480-965-9438

Media Arts and Sciences, MS (HIDGCMS)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Science program in media arts and sciences is designed for practitioners and makers in design and the arts who have an interest in software and system development and seek to enhance their practice through expanded engagement with interactive, embodied media design in an interdisciplinary environment. The program enables artists and designers to explore new avenues for real-time media creation that seek to go beyond current paradigms.

Through coursework, students also explore current practices in various contexts (performance environments, health and well-being, social media, and communication) as well as engineering-based approaches to developing experiential systems with social impact.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

33 credit hours including the required applied project course (AME 593)

Required Core (9 credit hours)
AME 520 Movement and Computing (3)
AME 530 Philosophy of Media and Technology (3)

AME 532 Creating Interactive Media (3)

Other Requirements (6 credit hours)
AME 533 Design for Media Arts (3)
AME 534 Machine Learning for Media Arts (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
AME 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field, such as arts, humanities, design, media studies, computer science or engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• letter of intent
• professional resume
• portfolio
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Examples of writing samples include research writing, published articles and other scholarly work.

Because of the transdisciplinary nature of the program, portfolio submissions can vary based on the prospective student's background. Materials may illustrate the types of skills the applicant has. Portfolios can be submitted in the form of a website, photos, video, PDFs and other physical documentation. Examples include games designed and programmed by the applicant, music composed by the applicant, performances (submitted as video), and websites they have created or programmed.

The letter of intent should explain the how the applicant's educational, professional and personal experiences inform their research and creative interests, and it should elaborate on any aspect of their background that supports their candidacy for admission to the School of Arts, Media and Engineering.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in media arts and sciences go on to careers in areas such as:

acoustics research
communications
graphic design
marketing
mobile development
museum and curatorial work
sound design
3D modeling

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/masters-degrees-phds/majorinfo/HIDGCMS/graduate/false/50
AMEED@asu.edu
480-965-9432

Media Arts and Sciences, PHD (FAMASPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Philosophy program in media arts and sciences is housed in the transdisciplinary School of Arts, Media and Engineering.

The school educates the next generation of learners and empowers them with technofluency --- its development, application and implications. Students are prepared to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that is increasingly shaped by new technologies.

Doctoral students in this program are provided distinct opportunities to engage in knowledge creation at the intersection of computational arts and sciences, using the most advanced practice-based and theoretical methods. The opportunity for active participation in transdisciplinary research teams enables students to gain valuable experience as agents of both their own research and their own education; this arrangement also fosters opportunities for collaborative and embedded research.

At the core of the program is a commitment to designing curriculum tailored to each student-researcher in conjunction with the diverse faculty, labs and centers. This approach enables students to facilitate the development of innovative, experiential media systems that can respond to the world's most pressing challenges. Students can pursue research at the intersection of any of these fields, among others:

• artificial intelligence, system engineering and machine learning
• auditory culture, digital composition and performance
• critical media theory and philosophical technologies
• food design and sensory science
• interaction design, experiential media and responsive environments
• mediated rehabilitation, and somatic and movement studies
• public participation in science
• social and embedded design

• sustainability and critical climate studies
• VR and AR

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required core (18 credits)
AME 520 Movement and Computing (3)
AME 530 Philosophy of Media Technology (3)
AME 531 Experimental Media Philosophy (3)
AME 532 Creating Interactive Media (3)
AME 533 Design for Media Arts (3)
AME 534 Machine Learning for Media Arts (3)

Research (33 credit hours)
AME 792 Research (33)

Restricted Electives (12 credit hours)

Electives (9 credit hours)

Culminating Experience (12 credit hours)
AME 799 Dissertation

Additional Curriculum Information
It is expected that students are research-active throughout their program, taking at least three research credit hours per semester.

For restricted electives, students must choose graduate-level AME or MDC courses, with approval from the student's advisor. Electives can be any graduate-level courses offered at ASU. The selection of courses relates to the student's research interests and requires the approval of the student's advisor.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree.

A student can register for dissertation credits only after they have passed the comprehensive examination.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in arts, humanities, design, media studies, computer science, engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae
• statement of purpose
• three letters of recommendation
• portfolio of supporting material
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should explain in a concise and persuasive manner how the student's educational, professional and personal experiences inform their research and creative interests, and the student should elaborate on any aspect of their background that supports candidacy to the School of Arts, Media and Engineering program.

Each applicant must demonstrate entry-level competencies. This can be demonstrated primarily through a portfolio, which may include previously developed media products, projects or publications that demonstrate an understanding of and involvement with digital media and computation. Entry-level competency can also be partially demonstrated through coursework and may include courses in:

• advanced computer programming
• computer graphics and animation
• computer music
• digital design
• film theory
• interactive technologies
• media authoring tools
• media theory
• multimedia systems
• signal processing

Students should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates can go on to careers in areas such as:

academia

mobile and web development
product design
programming
research and development across diverse industries
software engineering
3D modeling
user experience design

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu
ameed@asu.edu
480-965-9432
Admission deadlines (https://artsmediaengineering.asu.edu/masters-degrees-phds/majorinfo/FAMASPHD/graduate/false/50)

Music (Ethnomusicology), MA (FAETHNMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Arts program in music with a concentration in ethnomusicology helps students develop skills in scholarship and performance as they focus on aspects of one or more of the world's musical cultures.

Students can learn from traditions outside the Western European canon through participation in ensembles such as Javanese gamelan, Latin marimba, mariachi, steel pan and African drumming.

As a culminating demonstration of professional capability in the major field, students must submit a final project that demonstrates advanced competence in research and writing in musicology or ethnomusicology. The final project may be a thesis, a series of special papers or a written work of equivalent scope and depth.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam

Required Core (13 credit hours)
MHL 532 Music Bibliography (3)
MHL 668 Introduction to Ethnomusicology (3)
MUP 587 Ethnomusicology Ensembles (1-2)
music theory (5)

Electives (11 credit hours)
music electives (6-9)
open electives (2-5)

Culminating Experience (6 credit hours)
MHL 599 Thesis (6)

Additional Curriculum Information
At least 20 credit hours for the program must be in the field of ethnomusicology or related fields approved by the student's advisor, complemented by courses in music theory, performance and cultural anthropology, as listed above.

MUP 587 is taken twice for a total of two credit hours. Appropriate elective coursework is reviewed and approved by the academic unit before inclusion on the student plan of study.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before they enroll in courses for these programs through the School of Music, Dance and Theatre. This is tracked internally within the academic unit.

A passing grade on a foreign language exam or a grade of "B" or better in a designated reading course through the School of International Letters and Cultures is required for graduation.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's degree webpage (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAETHNMA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution or from an international institution officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume, personal statement and writing sample
• three letters of recommendation
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential courses to complete. Additional courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed before starting graduate-level course requirements in music history and music theory.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to write research papers applying the conventions of scholarly discourse in music.
Students will be able to apply, in written and oral exams, a synthesis of knowledge of a chosen or designated field of inquiry within ethnomusicology.
Graduates of the MA in music, ethnomusicology concentration, will be able to implement a large-scale independent research project that makes a unique contribution to the discipline of ethnomusicology.

Career opportunities

Musicians with expertise in performing, composing, teaching and researching; arts advocacy; and music therapy are in high demand across many sectors and industries. Potential employers include performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation and entrepreneurship, as well as focused discipline can help graduates be successful in a variety of companies and professions. School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

arts administrator
community arts advocate
ethnomusicologist
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAETHNMA/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music (Interdisciplinary Digital Media), DMA (FAINTDDMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Musical Arts program in music with a concentration in interdisciplinary digital media is a unique collaboration of the School of Music, Dance and Theatre and the School of Arts, Media and Engineering, with extensive faculty interaction from both schools.

The program is designed for students who have interests and the creative skills to work within a cross-section of the arts and sciences. Program offerings extend beyond typical music coursework to allow more opportunities for digital sound and experimental media projects and to enable students to be actively involved in current developments in the field of media and digital culture. Students have access to state-of-the-art media facilities, hybrid arts-engineering faculty, and courses in electronic music, with resources that complement courses in electronic music.

Composers have multiple performance opportunities each year, including collaborations with student performers; readings by the ASU Symphony Orchestra and visiting ensembles; yearlong residencies with the ASU Wind Ensembles and the Philharmonia Orchestra; commissions for the PRISMS contemporary music festival; and collaborations with

student animators, filmmakers and dancers.

Students are encouraged to develop their own compositional voices and focus on their area of interest, regardless of style or aesthetics, while gaining extensive knowledge through coursework and private lessons with composition faculty members.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (25-27 credit hours)
Music Theory Core Area (12-19)
Music History Core Area (6-15)

Concentration (33 credit hours)
MTC 523 Advanced Composition (2-3)
MTC 723 Advanced Composition (3)
Arts, Media and Engineering coursework (21)

Electives (9-11 credit hours)

Research (9 credit hours)
MTC 792 Research (9)

Culminating Experience (12 credit hours)
MTC 799 Dissertation (12)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

MTC 523 and MTC 723 should each be taken for a total of six credit hours.

Concentration coursework for the Arts, Media and Engineering area must have the AME prefix.

Up to 30 credit hours from a previously awarded master's degree, with approval from the academic unit and the Graduate College, may be used toward the hours required for the elective and concentration coursework.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAINTDDMA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally

accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country and officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter-hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume and personal statement
• official transcripts
• prescreening portfolio
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. To meet English proficiency requirements, students should have a TOEFL iBT score of at least 80; an IELTS overall band score of at least 6.5; or a Pearson Test of English score of at least 60.

The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Students should see the program website for application deadlines.

After all application materials are received and reviewed, including recommendation letters, transcripts and English proficiency requirements, an applicant may be invited for a live interview. Information about the interview may be found at the school's audition page (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply knowledge of music history and music theory to engineering disciplines.
Apply software engineering skills to music, sound and video.
Design a major independent research project that makes a unique contribution to the discipline of interdisciplinary digital media.

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

arts administrator
community arts advocate
composer for film, video games or television
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAINTDDMA/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music (Music Learning and Teaching), PHD (FAMUSEDPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Philosophy program in music with a concentration in music learning and teaching is a world-class degree for musician-teacher-scholars who seek careers in musical and educational leadership. Students are immersed in an inclusive and multifaceted community of dynamic partnerships and research and teaching collaborations. They work with faculty members on creative projects that lead to independent and co-authored research publications, creative projects and professional presentations.

The program includes specialized study in music education, elective studies with scholars and artists in the Herberger Institute, and opportunities for transdisciplinary elective study with faculty and colleges across ASU. A plan of study is designed by the student in consultation with the faculty to support the student's career trajectory. Typical projects interrogate and broaden discourse and practice in music education, and challenge methodological and disciplinary boundaries to imagine what could be. The program concludes with dissertation research that springboards to the next phase of their careers.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (10 credit hours)
MSI 601 Contemporary Topics in Music Research (2)
MSI 602 Current Issues in Music Research (2)
MSI 755 Historical Research in Music (3)
MTC 520 Analytical Techniques (3)

Concentration (30 credit hours)

Electives (29 credit hours)

Research (6 credit hours)

Other Requirements (3 credit hours)
MUE 784 Internship (3)

Culminating Experience (12 credit hours)
MUE 799 Dissertation (12)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Students should see the academic unit for a complete list of approved electives.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. A minimum of two semesters must be spent in continuous full-time residence at ASU.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMUSEDPHD/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) (including curriculum vitae, personal statement and a writing sample)
• official transcripts
• teaching demonstration video
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL iBT score of at least 80, or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Applications are accepted and reviewed on a rolling basis until all spaces are filled. Applicants are encouraged to apply as early as possible. Students should see the program website for more information on application deadlines. To ensure prompt processing of application, students should email MDTAdmissions@asu.edu

(mailto:MDTAdmissions@asu.edu) after submitting an application. An interview with the music learning and teaching doctoral faculty in person or via electronic media is scheduled after review of application materials.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design individual teaching practices that are appropriate to a beginning faculty position in music education at college level.
Implement a major independent research project that makes a unique contribution to the field of music learning and teaching.
Apply research methods to conduct independent research.

Career opportunities

Graduates have many possible career options and pathways.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music. Graduates become scholars, researchers, music and arts administrators, and public policy advisors to education and arts organizations or civic and governmental groups.

Career examples include:

arts administrator
community arts advocate
community arts educator
performing musician
public or community school teacher
teaching artist
university professor
worship music leader
youth development facilitator

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/music-learning-teaching?dept=392823&id=1
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music (Musicology), MA (FAMHISTMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Master of Arts program in music, with a concentration in musicology, faculty provide and participate in multisensory learning experiences concerning musical genres, styles and forms, performance and listening practices, instruments, spaces, philosophies, musical infrastructures, and geographic locations.

Faculty comprises leading scholars specializing in Western and non-Western music, particularly traditions in the Americas and music of the Middle East, Central Asia, Latin America and Indonesia. Students can study a variety of topics such as medieval music cultures, the long nineteenth century, jazz, music in popular cultures, musical modernism and experimentalism, intellectual property law, cultural policy, improvisation, sound studies, ecomusicology, dance and embodiment, and music's role in well-being.

Students must submit a final project that demonstrates advanced competence and professional capability in research and writing in musicology or ethnomusicology. The culminating project may be a thesis, a series of special papers, or a written work of equivalent scope and depth.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam

Required Core (14 credit hours)
MHL 532 Music Bibliography (3)
MHL 691 Seminars (6)
music theory (5)

Electives (8 credit hours)
music electives (5-8)
open electives (0-3)

Other Requirement (2 credit hours)
performance ensembles (2)

Culminating Experience (6 credit hours)
MHL 599 Thesis (6)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

At least 20 credit hours of this program must be in the field of music history and literature.

Appropriate elective coursework is reviewed and approved by the academic unit prior to inclusion on the student's plan of study.

A passing grade on the foreign language exam or a grade of "B" or better in a designated reading course through the School of International Letters and Cultures is required for graduation.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMHISTMA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) (including a resume, personal statement and writing sample)
• official transcripts
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL iBT score of at least 80, or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to starting graduate-level course requirements in music history and music theory.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Write research papers applying the conventions of scholarly discourse in music.
Implement a large-scale independent research project that makes a unique contribution to the discipline of ethnomusicology.
Apply a synthesis of knowledge of a chosen or designated field of inquiry within musicology to the articulation and defense of a particular scholarly viewpoint.

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

community arts advocate
musicologist
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMHISTMA/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music (Musicology), PHD (HIMUSMPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Philosophy program in music with a concentration in musicology focuses on the scholarly study of sound and music in historical contexts, musical traditions as sociocultural artifacts and behaviors, and performance. These areas are approached through the investigation of genres, styles, forms, performance and listening practices, instruments, spaces, philosophies, musical infrastructures and geographic locations. Faculty members include Sabine Feisst, Dave Fossum, Kay Norton, Catherine Saucier, Ted Solis and Christi Jay Wells. They are leading scholars specializing in Western and non-Western music, particularly traditions in the Americas and music of the Middle East, Central Asia, Latin America and Indonesia.

Students can study a variety of topics, including medieval music cultures, the long nineteenth century, jazz, music in popular cultures, musical modernism and experimentalism, intellectual property law, cultural policy, improvisation, sound studies, ecomusicology, dance and embodiment, and music's role in well-being.

Coursework includes historiography, applied musicology, methodologies and pedagogy. Transdisciplinary studies are encouraged with scholars and artists in the School of Music, Dance and Theatre (e.g., a studio professor, music theorist or composer), the Herberger Institute for Design and the Arts (e.g., a design or dance faculty member), and faculty in schools and institutes across the university (e.g., specialists in languages, regions or cultures).

A plan of study is designed by the student with the faculty to support an individualized research trajectory. Research conducted by students in the doctoral program in musicology aims to examine and interrogate the discipline of musicology and to expand the traditional boundaries of music scholarship by challenging methodological and disciplinary boundaries. The program concludes with a dissertation.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a written comprehensive exam, an oral comprehensive exam, two foreign language exams, a prospectus and a dissertation

Required Core (10 credit hours)
MSI 601 Contemporary Topics in Music Research (2)
MSI 602 Current Issues in Music Research (2)
MSI 755 Historical Research in Music (3)
MTC 520 Analytical Techniques (3)

Concentration (15 credit hours)
MHL 632 Applied Musicology (3)
MHL 668 Introduction to Ethnomusicology (3)
MHL 691 Seminars (9)

Electives and Research (47 credit hours)

Teaching Experience (6 credit hours)
MHL 684 Internship (3)
MHL 691 Topic: Music History Pedagogy (3)

Culminating Experience (12 credit hours)
MHL 799 Dissertation (12)

Additional Curriculum Information
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

As part of the concentration coursework, students take three seminars for three credit hours each. Equivalent courses may be used with preapproval by the student's faculty advisor. No more than six credit hours outside of the School of Music, Dance and Theatre may apply to this requirement.

Teaching experience requirements consist of MHL 691 Music History Pedagogy, in which students examine multiple facets and modalities of teaching music history, and MHL 684 Internship, in which students teach an appropriate undergraduate musicology course as instructor of record with guidance of the musicology faculty.

Students should see the academic unit for a complete list of approved electives and research courses.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree program. Students entering the program without an earned MA degree complete the requirements for the Master of Arts in music with a concentration in ethnomusicology or musicology.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/HIMUSMPHD/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree in music or a graduate degree from an accredited college or university of recognized standing in music history, musicology, ethnomusicology or music theory.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application
• official transcripts
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL iBT score of at least 80, or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

The School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) must include a curriculum vitae, a two-page personal statement expressing the goal in pursuing this degree and two writing samples. It's preferable that each of the writing samples be a paper from a course (either an upper-level undergraduate course or a graduate course) or an article or document written by the applicant.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Write research papers applying the conventions of scholarly discourse in music.
Implement a major independent research project that makes a unique contribution to the discipline of musicology.
Synthesize knowledge of music history pedagogy in the teaching of an undergraduate course.

Career opportunities

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions. The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

arts administrator
community arts advocate
music and sound art curator
musicologist
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/HIMUSMPHD/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music (Performance), DMA (FAPERFDMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Musical Arts program in music with a concentration in performance is a professional degree designed for advanced musicians seeking high-level performance instruction and preparation for teaching positions at the university level.

Students collaborate closely with faculty mentors to achieve professional performance standards through individual recitals, chamber music, and participation in ensembles such as wind bands, orchestras, choirs, brass, jazz, musical theatre and opera, depending on their area of emphasis.

On- and off-campus performance opportunities enhance students' knowledge and abilities, preparing them to become leaders in their musical communities through teaching, performance or arts advocacy. Mentorship from faculty and distinguished guest artists supports their musical growth, while students serve as role models and mentors for their peers in performances, pedagogy and community engagement opportunities.

The program also fosters collaboration with music scholars, theorists, composers, educators, dancers and theatre artists, providing a diverse range of experiences. Students gain essential skills for a successful career, including audition preparation, networking, organizational strategies, opportunity creation and cultivating an entrepreneurial mindset.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a research paper, a written comprehensive exam and an oral comprehensive exam

Required Core (4 credit hours)
MUP 727 Studio Instruction (4)

Performance Concentration (24 credit hours)
MUP 727 Studio Instruction (12)
MUP 796 Solo Performance (12)

Emphasis Area Coursework (23 credit hours)

Music History and Music Theory (27 credit hours)

Research (12 credit hours)
MUP 792 Research (12)

Culminating Experience (0)
Research paper in the form of a bound document

Additional Curriculum Information
Students select an area of emphasis from the following: piano pedagogy, collaborative piano, instrumental, keyboard and voice. Emphasis coursework depends on the area selected. Students should work in consultation with their academic advisor in the development of their plan of study.

The performance concentration requires at least three recitals after admission to the program and a research paper. Five recitals are required for the collaborative piano emphasis.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before enrollment in the School of Music, Dance and Theatre.

Thirty credit hours from a previously awarded master's degree may be applied toward the 90 credit hour degree requirement with approval from the academic unit and the Graduate College. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Vocalists: Placement tests in foreign language diction are required upon entry into the program. Students who are judged to be deficient in diction are required to complete and pass a diction review course.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAPERFDMA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a U.S. bachelor's degree or higher from a regionally accredited institution, or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country. Students seeking admission typically hold a Master of Music degree. Applicants with other degrees are considered if they have received graduate training similar to that of a Master of Music program.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume, personal statement and repertoire list
• official transcripts
• prescreening recording

• three letters of recommendation
• teaching demonstration video (piano pedagogy applicants)
• writing sample (solo piano and piano pedagogy applicants)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. To meet English proficiency requirements, students should have a TOEFL iBT score of at least 80, an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After the applicant's complete application materials are received, including recommendation letters, transcripts and English proficiency, and a review has been conducted of prescreening materials, an applicant may be invited for a live audition. Information about the audition may be found on the school website (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Synthesize performance practices in the context of diverse musical settings and genres, demonstrating mastery with the literature of one's instrument.
Assess an instrument’s repertoire and pedagogy to develop a unique and professional musical style.
Implement an independent research project that makes a unique contribution to the discipline of music performance.

Career opportunities

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation and entrepreneurship, as well as the focused discipline needed for success as a musician, are all highly valued by a wide range of companies and professions. The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Career examples include:

arts administrator
community arts advocate
composer for film, video games and television
music therapist
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAPERFDMA/graduate/false/3

MDTAdmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music (Music Composition), DMA (FACOMPDMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Doctor of Musical Arts program in music with a concentration in music composition is a comprehensive professional degree program for outstanding students of acoustic, electronic and multimedia composition. Students develop their own compositional voices and focus on their area of interest, regardless of style or aesthetics, while gaining extensive knowledge through coursework and private lessons with faculty.

Composers' performance opportunities include readings by the ASU Symphony Orchestra and visiting ensembles; yearlong residencies with the Wind Ensembles and the Philharmonia; commissions for the PRISMS contemporary music festival; and collaborations with student performers, animators, filmmakers and dancers.

Students have extensive interaction with faculty and opportunities to develop advanced skills in compositional techniques from a wide variety of styles and traditions, with emphasis on fostering students' personal approach to composition. Collaborations with music scholars, theorists, performers, educators and other composers provide students with a broad and well-rounded foundation for advanced careers in music and teaching at the university level.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

The credit requirements for the degree are distributed as follows:

major area (composition, music technology, electives) (36 credit hours)
music theory and music history (30 credit hours)
research (12 credit hours)
dissertation (12 credit hours)

The music composition concentration requires the creation of a significant original work of music (considered to be a dissertation) and either two article-length research papers or a substantial paper.

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before enrollment in the School of Music, Dance and Theatre.

Thirty credit hours from a master's degree may be applied toward the 90 credit hour degree requirement. Once admitted to the program, a student is required to be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. In general, the student should expect to spend at least the equivalent of three academic years in the program beyond the master's degree. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Additional information on requirements for this degree is available on the curriculum check sheet at the bottom of the school's degree page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FACOMPDMA/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of a bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume and personal statement
• official transcripts
• prescreening portfolio
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. To meet English proficiency requirements, students should have a TOEFL iBT (taken in a testing center) score of at least 80; an IELTS overall band score of at least 6.5; or a Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After complete application materials have been received, including recommendation letters, transcripts and English proficiency, and review of prescreening materials, an applicant may be invited for an interview. Information about the interview can be found on the school's admission website (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Compose original works, applying theoretical understanding of musical techniques.
Create a significant original work that integrates and synthesizes various principles of composition.
Interpret specific musical products within the context of a specific theoretical, historical, or cultural tradition.

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching and conducting research, and in arts advocacy, are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation and entrepreneurship, as well as the focused discipline needed for success as a musician, are all highly valued by a wide variety of companies and professions.

Career examples include:

arts administrator
community arts advocate
composer for film, video games or television
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FACOMPDMA/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music Entrepreneurship (Certificate), Certificate (HIMERTGRCT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

Music entrepreneurship is a discipline that intersects the traditional music disciplines. Music entrepreneurship harnesses the skills and mindset of the entrepreneur to empower musicians to create work that is meaningful, sustainable and oriented to community and market need.

Students in music and students with a background in music benefit from the business, marketing and organizational skills offered by certificate courses as applied specifically to and within the arts.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
MUP 538 The Enterprising Artist (3)

Electives (9 credit hours)

Internship (3 credit hours)
MSC 584 Internship (3)

Additional Curriculum Information
In consultation with the faculty coordinator, students select three electives based on their interests and goals for the certificate.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/HIMERTGRCT/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in music or related field, from a regionally accredited institution, or can demonstrate a background in music.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants may be admitted to the certificate by submitting a statement of interest outlining their music background and personal goals.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Apply key concepts of entrepreneurship to critical evaluation of music career paths.
> Synthesize knowledge of music entrepreneurship within the Phoenix area and surrounding communities through music entrepreneurship fieldwork.

Career opportunities

A certificate in music entrepreneurship can help students enhance the marketable skills they acquire in their major program and help them develop new skills, including marketing, business practices, grant writing, arts administration and fundraising management.

Career examples include:

arts administrator
community arts advocate
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
mdtadmissions@asu.edu
480-965-5069

Music Learning and Teaching, MM (FAMUSEDMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in music learning and teaching is designed for music educators, teaching artists and music professionals seeking new and expanded opportunities for career development in learning and teaching.

Program flexibility affords students opportunities to customize degree pathways; advance their goals; and develop musical, scholarly and leadership roles in their professional settings. Students develop their capacity to address pressing issues in music learning and teaching and contribute to professional dialogue.

Students may elect courses in each part of the degree program and may design a course of study that meets their specific interests and needs. The program provides opportunities to study full time, part time (through evening courses) or in the summers only, or to combine full-time, part-time and summer study. Full-time students may complete the program in as little as one year. Students can complete courses toward the degree program as digital commuters (off campus) via the ASU Sync platform, which involves attending an in-person course live online.

Individuals interested in teacher certification can pursue those requirements concurrently with or separate from master's degree study.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours and a portfolio

The degree credit requirements are distributed as follows:

music learning and teaching core (10 credit hours)
musicianship core (10 credit hours)
specialization (12 credit hours)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students prior to enrollment in the School of Music, Dance and Theatre.

Six credit hours may be transferred from another regionally accredited graduate institution. Up to nine credit hours may be taken prior to admission.

As part of the portfolio, students also must participate in an oral review that is monitored internally by the academic unit.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMUSEDMM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program.

All applicants must submit:
• online graduate admission application and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) (including a resume)
• official transcripts
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. To meet English proficiency requirements, students should have a TOEFL iBT score of at least 80, an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) for information on potential remedial courses. Remedial courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed before starting graduate-level course requirements in music history and music theory.

Applications are accepted until all spaces are filled and are reviewed on a rolling basis. Applicants are encouraged to apply as early as possible and should see the program website for more information about application deadlines. To ensure prompt processing, applicants should email MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) after submitting an application.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop independent research skills to analyze and interpret music.
Analyze one's own performance in research and teaching practices.
Design appropriate instructional activities for K--12 music programs.

Career opportunities

The flexibility of the MM program in music learning and teaching affords students opportunities to customize degree pathways toward multiple kinds of careers while still working as music educators, teaching artists or music professionals.

Career examples include:

arts administrator
community arts advocate
performing musician
public or community school teacher
teaching artist
worship music leader
youth development facilitator
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMUSEDMM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Performance (Performance), MM (FAPERF3MM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in performance focuses on developing advanced skills in both the performance and teaching of music.

Students collaborate with faculty mentors to reach a professional level of performance through individual recitals; chamber music; and participation in ensembles such as choral, wind band, orchestra, jazz, musical theatre and opera, depending on their area of emphasis. On- and off-campus performance opportunities enhance students' knowledge and abilities, preparing them for leadership roles in teaching, performance or arts advocacy within their musical communities.

Collaboration with music scholars, theorists, composers, educators, dancers and theatre artists provides a well-rounded foundation for advanced careers in music or continued doctoral studies. Additionally, students acquire essential skills for a successful music career, including audition preparation, networking, organizational strategies, opportunity creation and developing an entrepreneurial mindset.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours and a written comprehensive exam

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (6 credit hours)
MUP 527 Studio Instruction (4)
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)

Area of Emphasis (10-11 credit hours)

Other Studies in Music (11-12 credit hours)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Requirements
Students select an area of emphasis from the following: instrumental performance, jazz performance, keyboard performance or multiple woodwinds performance. Students should see the academic unit for specific requirements for the selected area of emphasis.

The Other Studies in Music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Area of Emphasis credit hours may include electives depending on course selections.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before enrolling in courses for these programs through the School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program webpage (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAPERF3MM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) (including a resume, personal statement and repertoire list)
• official transcripts
• prescreening video (voice applicants)
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of completed application materials and, when applicable, a favorable review of prescreening materials. Students can find more information about the audition at the school's website (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential courses to complete. Additional courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed before starting graduate-level course requirements in music history and music theory.

Voice applicants: Students should see the program website for application deadlines. After receipt of the completed application, including recommendation letters, transcripts, proof of English proficiency and review of prescreening materials, an applicant may be invited for an audition.

Instrumental and keyboard applicants: Students should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts and proof of English proficiency, the applicant is confirmed for an audition.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of one's instrument.
Evaluate an instrument’s repertoire and pedagogy to develop a unique musical style.
Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand in many sectors and industries. Potential employers include performing arts organizations, educational institutions,

entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline can help graduates be successful as musicians in a variety of companies and professions.

Career examples include:

arts administrator
community arts advocate
composers for film, video games, television
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAPERF3MM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Music Theory Pedagogy (Certificate), Certificate (HIMTPGRCT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

This certificate program in music theory pedagogy offers specialized study in music theory to help prepare students to teach undergraduate courses in fundamentals, harmony, musicianship and basic form analysis. Completion of this certificate indicates that the student is prepared to offer instruction in basic music theory at the college level.

The certificate is intended to be pursued concurrently with enrollment in a master's degree program or doctoral degree program in the School of Music, Dance and Theatre.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
MTC 525 Pedagogy of Theory (3)

Other Requirement (3 credit hours)
MTC 584 Internship (3)

Electives (9 credit hours)

Additional Curriculum Information
Completion of diagnostic examinations in musicology and music theory administered by the School of Music, Dance and Theatre is required of all new graduate music students before they enroll in any graduate academic courses toward the certificate program.

Electives are selected with advisor approval from MTC courses in analytical topics. Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Students who are interested in this certificate should email the academic unit to express their interest before they submit an official application.

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree in music or music education from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country. Other majors may be considered if applicants submit transcripts showing formal study in music theory and musicianship that is at least equivalent to what is required of ASU's undergraduate music majors (MHL 140, MHL 341 and MHL 342, MTC 125, MTC 221, MTC 222, and MTC 223). The music theory faculty review transcripts for equivalency. In some cases, course descriptions or syllabi are required to verify equivalency.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in any applicable graduate work.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• School of Music, Dance and Theatre certificate application (https://musicdancetheatre.asu.edu/admission/minors-certificates) to include materials listed below.
• proof of English language proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before they can be considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered to this certificate program.

Official transcripts must show a completed bachelor's degree from a regionally accredited institution in the U.S. or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country. Also, if applicable, transcripts showing all coursework in music at the graduate level are required. The committee supervising this certificate program considers an applicant's undergraduate record (and graduate record, if appropriate) in music theory, evaluating courses taken and grades received. A minimum GPA of 3.00 in these courses is required. International students applying to this certificate must also be in a degree program at ASU.

In the School of Music, Dance and Theatre application, applicants must submit a statement of interest offering reasons for applying to the certificate program and describing their experience and coursework in music theory. The statement should also indicate the applicant's level of piano proficiency (a necessary classroom skill) through a description of their study and their experience in keyboard performance.

Applicants also are asked to show proficiency in music theory by submitting samples of work that demonstrate

analytical thinking, broadly defined. Samples should include a written component along with the illustrative evidence, such as an annotated score, formal diagram or annotated composition.

For questions about submission materials, applicants should contact the graduate certificate program director.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design appropriate instructional activities for basic music theory at the college level.
Assess one's own pedagogy skills through an internship experience.

Career opportunities

A certificate in music theory pedagogy can help graduates enhance the marketable skills they acquire in their major program and help them develop new skills apart from it, though most career areas do require more training than a certificate alone can provide.

Career examples include:

arts administrator
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
mdtadmissions@asu.edu
480-965-5069

Music Therapy, MM (FAMTHERMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in music therapy provides students with rigorous studies in the theory, practice and research of music therapy.

There is a two-year track for students who have completed either the undergraduate music therapy degree or its equivalent and who are board-certified or hold a similar international music therapy credential. Additionally, a three-year track is offered for students who have an undergraduate degree in music but not in music therapy.

The master's degree program fosters an expanded research perspective in music therapy, emphasizing community partnerships and program development with a concentration in the student's area of choice, drawing from a number of possible options. Cognate areas include counseling and counseling psychology, education for people with disabilities, gerontology, social work, audiology and speech-language plus other areas.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (MUE 586) and a written comprehensive exam, or
33 credit hours, a thesis and a written comprehensive exam, or
63 credit hours including the required applied project course (MUE 586) and a written comprehensive exam, or
63 credit hours, a thesis and a written comprehensive exam

The degree credit requirements for the two-year track are as follows:

Music therapy core (16 credit hours)
Other studies in music (8 credit hours)
Clinical cognate (9 credit hours)

Three-year track: In addition to the requirements stated above, the three-year track requires 30 credit hours of deficiency coursework for a total of 63 credit hours, including completion of an internship required for certification.

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory are required of all new graduate-level music students before enrolling in the School of Music, Dance and Theatre.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMTHERMM/graduate/false/3).

Graduates are eligible to sit for the music therapy certification examination given by the Certification Board for Music Therapists.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a U.S. bachelor's or master's degree in music or music therapy from a regionally accredited institution or the equivalent of a U.S. bachelor's or master's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission), including a resume and personal statement
• official transcripts
• three letters of recommendation
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. To meet English proficiency requirements, students should have a TOEFL iBT score of at least 80, or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

All applicants are required to perform a live audition or submit an audition recording (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview). Auditions are scheduled only after complete application materials have been received.

Applicants to the three-year track must complete the prerequisite courses listed below, which are not a part of the coursework for the MM program in music therapy (three-year track) but are required for eligibility to sit for the board certification exam (cbmt.org (http://www.cbmt.org)). These prerequisites may be taken during undergraduate study, at a community college or other university before beginning the MM program in music therapy (three-year track), during summer sessions at ASU, or online through an accredited institution recognized by ASU. An applicant is eligible to apply to the MM program in music therapy (three-year track) while completing these prerequisites and may finish these courses during the first year in the program, although this additional work may present a hardship. The prerequisite courses must be completed before a student begins the internship at the end of their first year of study at ASU, unless prior arrangements have been made. Completing the prerequisite courses before beginning the MM program in music therapy (three-year track) is highly recommended.

• Introduction to Psychology
• Abnormal Psychology
• Overview of Exceptional Children/Special Education

Applicants should visit the program website for more information on application deadlines. To ensure prompt processing of the application, applicants should email MDTAdmissions@asu.edu (mailto:MusicAdmissions@asu.edu) after submitting an application. An in-depth interview emphasizing the applicant's music therapy philosophy, research activities and clinical interests is scheduled after receipt of complete application materials. A phone interview may be arranged.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to apply advanced musicianship skills across voice, guitar, piano, percussion and technology related tools and instruments to facilitate therapeutic goals for clients.
Students will be able to evaluate existing literature for gaps in research and then develop and execute a research process to fill an identified gap.
Students will be able to critically assess music therapists through clinical supervision.

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching, arts advocacy and serving as therapists are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

arts administration
community arts advocate
music therapist
performing musician
public or community school teacher
university professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/music-therapy
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Performance (Collaborative Piano), MM (FACPIANOMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in performance with a concentration in collaborative piano gives students the opportunity to perform with all instrumental areas and voice, focusing on collaborative endeavors such as song recitals, instrumental duos and chamber music, operatic and musical theatre productions, and participation in large ensembles.

Students refine their pianistic technique while developing the specific knowledge and abilities necessary to be skilled and sensitive musical collaborators. Collaborative piano students have an impact on every area of the School of Music, Dance and Theatre, and their work with opera and musical theatre singers, orchestral instrumentalists, choral and large ensembles, composers, theatre artists, and dance colleagues leads them toward advanced careers in music.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours and a written comprehensive exam

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (14 credit hours)
MUP 511 Studio Instruction: Piano (4)
MUP 527 Studio Instruction: Collaborative Piano (4)
MUP 588 Collaborative Piano (2)
MUP 596 Solo Performance (2)
MUP 597 Solo Performance (2)

Electives (2-3 credit hours)

Other Studies in Music (11-12 credit hours)
Music history (6)
Music theory (5-6)

Culminating Experience (0 credit hours)
Written comprehensive exam (0)

Additional Curriculum Requirements
The Other Studies in Music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework.

All new graduate music students are required to complete diagnostic exams in musicology and music theory before enrolling in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program webpage (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FACPIANOMM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) (including a resume, personal statement and repertoire list)
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of complete application materials. Information about the audition may be found at the School of Music, Dance and Theatre website (https://musicdancetheatre.asu.edu/).

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a

bachelor's degree in music should email MDTAdmissions@asu.edu for information on potential courses to complete. Additional courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed before starting graduate-level course requirements in music history and music theory.

Applicants should see the program website for application deadlines. After an applicant's completed application materials have been received, including recommendation letters, transcripts and English proficiency, the applicant is confirmed for an audition.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of their instrument.
Evaluate their instrument's repertoire and pedagogy to develop a unique musical style.
Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions

Career opportunities

School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples for collaborative pianists include:

collaborative work in music-related fields such as media production, music business, publishing and marketing
performing as a collaborative pianist with singers, instrumentalists, choral ensembles or large instrumental ensembles
pianist for musical theatre or opera productions
pianist for music recording and studio work
teaching in a private studio or community music program
university professor or staff pianist
working as a vocal coach

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FACPIANOMM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Performance (Conducting), MM (HIPERCOMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in performance with a concentration in conducting presents conductors of orchestras, wind bands and vocal ensembles with the opportunity to improve their art, craft and scholarship in pursuit of both professional and academic career aspirations. This program is also beneficial for public school teachers of choirs, orchestras and wind bands who want to strengthen their skills.

There are four tracks within this concentration.

Wind band track: Conductors specializing in wind band conducting study privately with the director of bands and have the opportunity to work closely with other members of the conducting faculty members, including the director of athletic bands. Time in front of an ensemble is essential; therefore, conductors have significant podium time as well as twice-weekly chamber winds classes. Study includes conducting technique, rehearsal technique, leadership, interpretation, score study, audience development and outreach, and career development.

Orchestral track: Required courses are specific to orchestral conducting, and elective courses provide additional opportunities for further orchestral study.

Music direction track: The music direction track is designed to meet the needs of the musical director, focusing on musical theatre and opera conducting. Required courses focus on music theatre and opera rehearsal techniques, technical production and repertoire.

Choral track: The choral track prepares conductors for careers throughout the choral field by helping them develop and refine their individual artistic voice. Students engage in a curriculum that explores culturally responsive applications, decolonial pedagogies, global score study and interdisciplinary framing of gesture. All students receive substantial podium time and work closely with conducting faculty members.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours including a written comprehensive exam

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (7 credit hours)
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)

Choose from the following for a total of 5 credit hours:
MUE 564 Instrumental Music, Advanced Rehearsal Techniques (3)
MUP 540 Principles of Integrated Conducting (2)
MUP 551 Repertoire: Music Theatre Repertoire (2)
MUP 571 Music Theatre: Workshops (1)
MUP 573 Music Theatre: Performance (1)

Track (9 or 10 credit hours)

Other Studies in Music (11 or 12 credit hours)
Music history (6)
Music theory (5-6)

Culminating Experience (0 credit hours)

Written comprehensive exam (0)

Additional Curriculum Requirements
Students select a track from the following: choral, wind band, orchestral or music direction. Students should see the academic unit for specific concentration and track course requirements for each track.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework.

Track credit hours may include electives depending on course selections.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before enrolling in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program webpage (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/HIPERCOMM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) (including a resume, personal statement and repertoire list)
• official transcripts
• prescreening video
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu (MDTAdmissions@asu.edu) for information on potential courses to complete. Additional courses may be taken at ASU, another accredited university, or a community college before or after admission to this program, but they must be completed before starting graduate-level course requirements in music history and music theory.

Applicants should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts and English proficiency requirements, and a review has been conducted of prescreening materials, the applicant may be invited for a live audition (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Synthesize performance skills to create performances that are believable, specific and impactful.
Critically evaluate principles of leadership to prepare musicians for performances.
Apply advanced skills in score preparation, repertoire selection and rehearsal techniques for performances.

Career opportunities

School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand across many sectors and industries, including performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation, entrepreneurship and the focused discipline needed for success as musicians are all highly valued by a wide range of companies and professions.

Career examples include:

artistic director
arts administrator
community arts advocate
conductor
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/HIPERCOMM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Performance (Performance Pedagogy), MM (FAPPEDMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in performance with a concentration in performance pedagogy focuses on performing and teaching music with an emphasis on pedagogy.

Students work on their own performance skills while they develop the knowledge and abilities necessary to be outstanding teachers in their area through pedagogy classes, observation, and teaching in private and group settings.

The opportunity to collaborate with music scholars, theorists, composers, educators, dancers and theatre artists provides students with a foundation for a career as a performer, teacher and musician of the highest level. Students may also engage with local and state professional organizations and have the opportunity to present scholarly research or creative activities through workshops or publications.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours and a written comprehensive exam

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (6 credit hours)
MUP 527 Studio Instruction (4)
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)

Area of Emphasis (10-11 credit hours)

Other Studies in Music (11-12 credit hours)
Music history (6)
Music theory (5-6)

Culminating Experience (0 credit hours)
Written comprehensive exam (0)

Additional Curriculum Requirements
Students select an area of emphasis from the following: instrumental pedagogy, piano pedagogy or voice pedagogy. Students should see the academic unit for specific requirements for the selected area of emphasis.

Area of Emphasis credit hours may include electives, depending on course selections.

The Other Studies in Music requirement consists of six credit hours of MHL coursework and five to six credit hours of MTC coursework.

Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before enrolling in courses for these programs through the School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program webpage (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAPPEDMM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission), including a resume, personal statement and repertoire list
• official transcripts
• three letters of recommendation
• voice applicants: a prescreening video
• piano applicants: a teaching demonstration video
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of complete application materials and, when applicable, favorable review of prescreening materials. Information about the audition may be found on the school website (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu for information on potential courses to complete. Additional courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but students must complete these courses before starting graduate-level course requirements in music history and music theory.

Voice applicants: Students should see the program website for application deadlines. After receipt of complete application materials, including recommendation letters, transcripts, proof of English proficiency and review of prescreening materials, an applicant may be invited for an audition.

Instrumental and keyboard applicants: Students should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts and proof of English proficiency, the applicant is confirmed for an audition.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of one's instrument.

Think critically and practically about an instrument's repertoire and pedagogy to develop a unique musical style. Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions.

Career opportunities

School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching and researching; arts advocacy; and music therapy are in high demand in many sectors and industries. Potential employers include performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills such as creativity, collaboration, innovation and entrepreneurship, as well as the focused discipline needed for success as a musician, are all highly valued by a variety of companies and professions.

Career examples include:

arts administrator
community arts advocate
composer for film, video games or television
music therapist
performing musician
public or community school teacher
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAPPEDMM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Performance (Voice, Music Theatre, Opera), MM (FAMUTPOMM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Music program in performance with a concentration in voice, music theatre and opera provides intensive practical training and performance experience to prepare students for a broad range of professional careers.

Students choose to audition for a degree emphasis in performance, opera or music theatre that guides their course of study and performance opportunities. Students may choose to focus in one emphasis area or take classes in multiple areas, including pedagogy, opera and musical theatre.

In addition to studio voice instruction and advanced work in acting, dance, movement, audition techniques, career skills and vocal coaching, students may study techniques and diverse repertoire in art song, music theatre and opera.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours and a written comprehensive exam

Required Core (4 credit hours)
MUP 527 Studio Instruction (4)

Concentration (8 credit hours)
MUP 527 Studio Instruction (4)
MUP 570 Topic: Music Theatre and Opera Seminar (1), taken two times
MUP 596 Solo Performance (1)
MUP 597 Solo Performance (1)

Area of Emphasis (8-9 credit hours)

Other Studies in Music (11-12 credit hours)
Music history (6)
Music theory (5-6)

Culminating Experience (0 credit hours)
Written comprehensive exam (0)

Additional Curriculum Requirements
Completion of diagnostic exams in musicology and music theory is required of all new graduate music students before enrolling in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

Students select an area of emphasis from the following: music theatre performance, opera performance or voice performance. Students should see the academic unit for specific requirements for the selected area of emphasis.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Area of emphasis credit hours may include electives depending on course selections.

Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program webpage (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMUTPOMM/graduate/false/3).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application (https://admission.asu.edu/apply/graduate) and application fee
• School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission/graduate-music-admission) (including a resume, personal statement and repertoire list)

• official transcripts
• prescreening video
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

A bachelor's degree in music is not required for admission to a master's program. However, all applicants without a bachelor's degree in music should contact MDTAdmissions@asu.edu (mailto:MDTAdmissions@asu.edu) for information on potential courses to complete. Additional courses may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed before starting graduate-level course requirements in music history and music theory.

Students should see the program website for application deadlines. After an applicant's complete application has been received, including recommendation letters, transcripts and proof of English proficiency, and review has been conducted of prescreening materials, the applicant may be invited for a live audition (https://musicdancetheatre.asu.edu/admission/graduate-music-admission/audition-interview).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply vocal performance practices and techniques in the context of diverse musical settings and genres, demonstrating familiarity with the literature and with different singing styles.
Evaluate vocal repertoire and pedagogy to develop a unique musical style.
Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions.

Career opportunities

The School of Music, Dance and Theatre graduate programs inspire and empower students to become creative leaders who transform society through music.

Musicians with expertise in performing, composing, teaching, researching and arts advocacy are in high demand in many sectors and industries. Potential employers include performing arts organizations, educational institutions, entertainment companies, health and wellness industries, and community arts organizations. Skills in creativity, collaboration, innovation, entrepreneurship and focused discipline are needed for success for musicians in a variety of companies and professions.

Career examples include:

arranger, choreographer or stage director
artistic director
arts administrator or community arts advocate
casting director or music director
musical theatre performer
opera singer

performing or touring musician
private, public or community teacher
recording artist
university professor

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAMUTPOMM/graduate/false/3
mdtadmissions@asu.edu
480-965-5069
Admission deadlines (https://musicdancetheatre.asu.edu/admission/graduate-music-admission)

Theatre (Directing), MFA (FADIRMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Fine Arts program in theatre with a concentration in directing develops directors of live performance hungry to grow their artistry through deep study, experimentation and practical work. A high-engagement, mentor-student approach is emphasized with the intent of developing the skill, artistry and communication skills required to be an excellent professional director.

Students make bold new work in collaboration with playwrights as well as through ensemble-based devising. They are encouraged to tell contemporary, culturally specific stories as well as to reimagine well-known plays, all while nurturing their artistic curiosity. Students learn about current practices, allowing them to thrive as compassionate, inclusive and respectful artistic leaders.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (THP 693)

Required Core (6 credit hours)
THE 504 Studies in Dramatic Theory and Criticism (3)
THE 520 Theatre History and Literature (3)

Concentration (21 credit hours)
THP 505 Graduate Colloquium (6)
THP 518 Advanced Directing Lab (3)
THP 519 Directing: Works in Progress (3)
THP 580 Practicum (3)
THP 684 Internship (6)

Other Requirements (12 credit hours)
THE 500 Research Methods (3)
THP 598 Special Topics (9)

Electives (15 credit hours)

Culminating Experience (6 credit hours)
THP 693 Applied Project (6)

Additional Curriculum Information
Students should see their program advisor for a complete list of approved topics for THP 598.

Directing faculty members mentor all student projects. Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional internship is required for each MFA director.

Additional information on degree requirements for this degree is available on the curriculum checksheet (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADIRMFA/graduate/false/3) (located at the bottom of the page).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• School of Music, Dance and Theatre Application (https://apply.mdt.asu.edu/), including statement of purpose, current resume and a written directorial approach to a play selected by the reviewing committee
• three letters of reference from professionals familiar with the student's work
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A personal interview is required. Interviews via phone, video conference or campus visit are available by appointment.

• The MFA in theatre with a concentration in directing recruits every three years. The next round of applications will be accepted in January 2025 for fall 2025. Interested students should check back for updates.

Students should see the program website (https://musicdancetheatre.asu.edu/admission/graduate-theatre-admission) for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop a directing approach suitable to the shepherding of a substantial production process from start to finish.
Apply understanding of directing methods in assistant directing situations.
Evaluate one's directing technique, employing reflective practice toward continuous growth.

Career opportunities

Professionals with an MFA degree in directing have obtained a variety of creative roles within the arts, including directing professionally, working within established theatres and arts organizations, and building entrepreneurial ventures that bridge the arts with other sectors. Career examples include:

creating and producing original devised work for festivals or communities
founding new theatre companies with like-minded collaborators
joining the artistic staff of an established theatre company
teaching in a variety of contexts as a visiting faculty member, professor of practice or tenure-track professor
working as a freelance director

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADIRMFA/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Theatre (Dramatic Writing), MFA (FADRWRTMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The concentration in dramatic writing under the Master of Fine Arts program in theatre includes coursework in playwriting, screenwriting, historical studies in theatre, and dramatic theory. Students direct new work, study dramaturgy and literary management, and pursue related topics such as writing for solo performance, storytelling, devising and collaborative writing in a variety of genres such as comedy, horror, science fiction and fantasy.

The School of Music, Dance and Theatre supports the production of new plays and performance works written by its MFA students. Student-written work is showcased in annual Theatre Labs and is considered for main stage productions.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (THP 693)

Required Core (6 credit hours)
THE 504 Studies in Dramatic Theory and Criticism (3)
THE 520 Theatre History and Literature (3)

Concentration (21 credit hours)
THE 562 Dramaturgy Workshop (3)
THP 560 Dramatic Writer's Workshop (15)
THP 561 Scripts in Progress (3)

Other Requirements (6 credit hours)
THE 500 Research Methods (3)
THP 598 Special Topics (3)

Electives (21 credit hours)

Culminating Experience (6 credit hours)
THP 693 Applied Project (6)

Additional Curriculum Information
As part of the electives coursework, students have the option to complete an internship (THP 684) for three credit hours.

Students should see the academic unit for a complete list of approved electives. Additional information on degree requirements for this degree is available on the curriculum check sheet located at the bottom of the school's program page (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADRWRTMFA/graduate/false/3).

The applied project is the writing of a thesis play, to be developed as one of the following: a full production on the school's main stage, a staged reading or a workshop production.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in theatre or in creative writing from a regionally accredited institution. An applicant may have an undergraduate degree outside of theatre and may be admitted on the basis of excellent creative writing and academic work. Deficiencies in undergraduate preparation may be removed while pursuing the MFA degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• School of Music, Dance and Theatre Application (https://apply.mdt.asu.edu/), including a current resume, statement of career goals (including writing endeavors or interests), and a manuscript sample of either a full-length play (60 pages or more) or a series of one-act plays (30 pages minimum) or a screenplay or teleplay of similar length
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create new dramatic works reflecting advanced knowledge of the dramatic writer's art and craft with each new work.
Able to critique dramatic works, employing knowledge of the history, theory and dramaturgy of the art form.
Able to teach in dramatic writing and in other related areas in dramatic analysis, storytelling or theater history.

Global opportunities

Global experience: Students are encouraged to apply to international conferences and fellowships such as the Fulbright Program (https://onsa.asu.edu/fulbright).

Career opportunities

Professionals with a MFA degree in dramatic writing regularly have their work produced at festivals, staged readings and theatres across the country. They have obtained highly competitive artist residencies and awards for their work. Many have had their plays published.

Career examples include:

presenting readings and full productions of work at theatre conferences and festivals
publishing plays
teaching in a variety of contexts: as adjunct faculty, visiting faculty or tenure-track professor
working at an established arts organization in a variety of roles
working as a teaching artist

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FADRWRTMFA/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Theatre (Interdisciplinary Digital Media), MFA (FATHEADMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Fine Arts program in theatre with a concentration in interdisciplinary digital media looks at digital media as a lens for making art, telling stories and creating meaningful experiences.

Daily lives are often saturated with information from a multitude of sources, and people rely on an increasing number of digital tools and processes. Simultaneously, the nature of live experience is broadening with an ever-expanding set of new forms for immersion and interaction. The possibilities to tell stories and engage audiences seem limitless.

This program trains artists, creative technologists, evaluators, designers and entrepreneurs in the field of digital media for live experience, building on a foundation of core courses in theatre. Courses from across the school are combined with research activities to prepare students to become leaders in their chosen area of focus by providing an individualized pathway developed in conversation with mentors.

At the heart of the graduate program is a spirit of collaboration. Offered through the School of Music, Dance, and Theatre in partnership with the School of Arts, Media and Engineering, the program fosters a supportive and engaging community where students can learn and grow alongside their peers.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (THP 693)

Required Core (6 credit hours)
THE 504 Studies in Dramatic Theory and Criticism (3)
THE 520 Theatre History and Literature (3)

Concentration (33 credit hours)
AME Courses (15)
THE and THP Courses (18)

Other Requirements (3 credit hours)
THE 500 Research Methods (3)

Electives (12 credit hours)

Culminating Experience (6 credit hours)
THP 693 Applied Project (6)

Additional Curriculum Information

The coursework in AME and theatre will be selected in consultation with the faculty advisor to ensure a breadth of transdisciplinary knowledge.

Additional information on degree requirements for this degree is available on the curriculum checksheet (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FATHEADMFA/graduate/false/3) (located at the bottom of the page).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• School of Music, Dance and Theatre Application (https://apply.mdt.asu.edu/), including current resume, statement of

purpose, portfolio that supports the statement of purpose and an academic writing sample from a previous degree program, independent work or publication.
• three letters of recommendation from professionals familiar with the applicant's work
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should describe the applicant's background in theatre and interest in and suitability for work at the intersection of theatre and digital media.

Applicants should thoroughly review application deadlines and requirements (https://musicdancetheatre.asu.edu/admission/graduate-theatre-admission); however, applicants should also note that for financial aid purposes, the School of Arts, Media and Engineering deadline is February 1.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create media applications for live performance that reflect advanced competency in media applications.
Assess media design options for specific live performance projects, reflecting the application of academic rigor and contemporary theoretical knowledge in the fields of media design and engineering.
Participate in cross-disciplinary collaborative processes at an advanced skill level.

Career opportunities

Graduates are prepared to become intentional developers, makers, evaluators and entrepreneurs of digital media. They work in a variety of settings and industries, including interactive and experience design, themed entertainment, virtual production, extended reality, higher education, event design, professional theatre companies and community arts organizations.

Alumni of the program design projections on Broadway, design immersive experiences and interactive environments, lead university programs in interactive media, direct media teams at significant institutions, and produce field-leading research and creative work.

Career examples include:

AR, VR or XR designer
digital media artist or designer
digital media arts educator or professor
digital media composer
interactive media designer
interactive performance artist
media technician
performance designer

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FATHEADMFA/graduate/false/3

MDTAdmissions@asu.edu
480-965-5069

Theatre (Performance Design), MFA (FAPERDMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Fine Arts program in theatre with a concentration in performance design focuses on a nontraditional approach to design training in preparation for the theatrical design challenges of the future. The design student works with an ensemble of designers, directors and performers to create new projects that redefine the role of the traditional designer.

Skills for approaching and creating new work include:

• design applications in multimedia
• development of artistic entrepreneurship and integrity
• drafting and computer imaging
• new work development

Performance design students work in multiple venues, including the 481-seat Galvin Playhouse, the 164-seat Lyceum Theatre, two studios and one experimental space. In addition, students work in the shops, a design studio and a computer-imaging lab.

Admission to the directing, performance and performance design concentrations is cohort-based.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (THP 693)

This is a three-year program culminating in an applied project. Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional internship is required and can be fulfilled anytime after the first year of study. Students conclude with an applied ensemble design project suited to their needs and interests.

The first year is dedicated to creating an ensemble and honing the skills needed to visually communicate ideas to a director and audience. In the second year, students concentrate on new work development that culminates in a tour, and they focus on strengthening their design abilities. The third year serves as a bridge between the educational and professional theatre and the communities they serve.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field

from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• academic writing sample
• current resume
• portfolio of 10 samples of visual work to be presented at an interview
• three letters of recommendation from professionals familiar with the student's work
• written statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

An interview is required.

Students are admitted to this program every three years, forming a cohort with their colleagues in the other Master of Fine Arts programs in theatre practice.

Students should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu
MDTAdmissions@asu.edu
480-965-5069

Theatre (Performance), MFA (FAPERFMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Fine Arts program in theatre with a concentration in performance focuses on cultivating the actor-creator and fostering the conceptual thinker and collaborator. This is accomplished by teaching students to develop and create original devised works and enabling them to develop their skills as artist entrepreneurs. Students learn innovative performance applications in multimedia and transdisciplinary collaboration, which are informed by artistic integrity and social responsibility.

The school offers multiple approaches to devising and new work development:

• Fitzmaurice voicework
• Lecoq training
• new play development
• performance technology
• rasaboxes
• solo and collaborative performance
• various devising methodologies
• viewpoints

In addition to core physical and vocal training, the program offers undergraduate-level teaching opportunities, funding for national and international conference travel, and career development internship opportunities.

During the third year of study, candidates conduct professional career development internships. In the past, students have completed internships at:

• Childsplay Theatre Company
• Cleveland Playhouse
• Dah Theatre, Belgrade, Serbia
• North Coast Rep
• One Yellow Rabbit
• SITI Company
• Synetic Theatre
• The Actor's Gang (Los Angeles)
• Theatre L'Homme Dieu
• Victory Gardens

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (THP 693)

This is a three-year program culminating in an applied project.

The first year is dedicated to intensive movement; acting and Fitzmaurice voice training; and ensemble-building and devising with a focus on Lecoq, rasaboxes, viewpoints and Meisner.

Second-year training provides opportunities for students to explore their work in a wide range of performance modalities such as community-embedded drama, solo performance, and performance and technology, and to devise original work. Performers collaborate with MFA designers, directors and playwrights to devise a new scripted performance for the mainstage season.

The third year culminates in an applied performance project, serving as a bridge between the educational and professional worlds and the communities they serve.

Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional career development internship is required.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current resume
• statement of purpose
• academic writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from professionals familiar with the student's work.

Students are admitted to this program every three years, forming a cohort with their colleagues in the other MFA programs in theatre practice.

An interview, either on campus or at one of the university or resident theatre association sites, is required.

Students should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Apply a variety of acting, movement, and voice methodologies and modalities to performance contexts.
> Apply advanced knowledge of history and theory to collaboration, development, and devising of original work.
> Synthesize one's skills towards substantial performance projects that integrate core specializations.

Career opportunities

Professionals with a MFA in performance have successfully obtained tenure-track jobs in movement, voice, acting and devising as well as postgraduate fellowships, visiting faculty positions and adjunct faculty positions at prestigious colleges and universities across the country.

The program builds skills for creating one's own theatre and theatre company, and several of the program's graduates have successfully created their own theatre companies. Several graduates have become professional actors working in regional and professional theatres, have joined established theatre companies or are working within an established theatre company as teaching artists, program coordinators and event curators.

Professional examples include:

creating and forming a theatre company
creating and producing original devised work
obtaining highly competitive local and national arts grants and arts residencies
obtaining tenure-track jobs in acting, voice and movement
obtaining visiting faculty and adjunct faculty positions
performing and touring with established theatre companies
presenting work at national and international conferences
publishing articles and books that impact the field
working within an established arts organization as a teaching artist, program coordinator or event curator

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu
MDTAdmissions@asu.edu
480-965-5069

Theatre (Theatre and Performance of the Americas), PHD (FAPERAMPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

Students in the Doctor of Philosophy program in theatre with a concentration in theatre and performance of the Americas examine the canon of theatre from diverse critical perspectives through coursework, seminars, research and study opportunities. They are encouraged to think beyond geographical and disciplinary borders, developing the skills required to challenge traditional narratives and expand the boundaries of theatre studies.

To accomplish this, students use a perspective that intervenes in traditionally narrated histories and theories of theatre. They also use cultural and performance studies methodologies to examine other forms of embodied expression that are related to, but distinct from, formal theatrical expression.

During the first year, students explore the theoretical and practical aspects of performance research in general, with a specific focus on performance modalities in the Americas. In the second year, students build on their research interests from the first year through specialized coursework and practical experiences.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (24 credit hours)

Electives (42 credit hours)

Research (12 credit hours)
THE 792 Research (12)

Culminating Experience (12 credit hours)
THE 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Two of the elective courses must come from outside the school, and they must be approved by the supervisory committee.

In meeting these requirements, students, with the advice of the supervisory committee, may select theatre courses in areas such as community-based theatre, dramaturgy, theatre for social change, theatre history, theatre theory and criticism, and related topics seminars.

Students also may take courses outside the School of Music, Dance and Theatre in areas such as critical and cultural studies, area studies, languages and literatures, and aesthetic theory. All activities are selected to help students meet the goals of the program and develop the capability to become leaders in the field.

Preliminary Reviews:
Reviews of the student's performance in courses and development of research skills, artistic skills and teaching competencies are conducted by the supervisory committee at the end of each semester.

Comprehensive Examinations:
Examinations comprise written and oral components centering on theatre history, literature and criticism, theatre and performance of the Americas and the research area.

Dissertation Requirements:
A dissertation based on original high-quality research work demonstrating proficiency in the student's special field is required.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in a relevant area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program and a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• School of Music, Dance and Theatre Application (https://apply.mdt.asu.edu/), including curriculum vitae, sample of scholarly writing and a statement of purpose
• three letters of recommendation from professionals familiar with the student's work
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should address the student's background and experiences as they relate to the student's reasons for pursuing the doctorate, and it should describe the student's research interests and indicate future career goals.

An interview is strongly recommended.

Students should review the program website (https://musicdancetheatre.asu.edu/admission/graduate-theatre-admission) for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply doctoral level research methods and theory relevant to the student's area of focus in theatre.
Apply advanced analytical skills in the critical examination of theatre.
Synthesize research and analytical skills towards an in-depth written dissertation project.

Career opportunities

Many graduates of the doctoral degree in theatre and performance of the Americas go on to teaching and research positions in higher education, while some have chosen careers in arts and culture organizations where their expertise in curation and dramaturgical framing of artistic work finds expression. They may participate in postdoctoral fellowships from prestigious universities. There is also a strong record of article and book publication, representing significant contributions to the field.

Career examples include:

education director or program manager
tenure-track faculty member
visiting faculty member

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAPERAMPHD/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Theatre (Theatre for Youth and Community), MFA (FAYOUTHMFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

The curriculum is being reviewed for program changes and will be updated upon approval.

Program description

Students in the Master of Fine Arts program in theatre with a concentration in theatre for youth and community study with distinguished faculty; engage in comprehensive coursework; and participate in hands-on experiences in all areas of theatre-making with, by, and for young people and communities. Students hone their skills and knowledge in

artistry, facilitation and pedagogy in a challenging and supportive atmosphere, developing cutting-edge artistry, engagement and teaching.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (THP 693), a written comprehensive exam and an oral comprehensive exam

Required Core (6 credit hours)
THE 504 Studies in Dramatic Theory and Criticism (3)
THE 520 Theatre History and Literature (3)

Concentration (19 credit hours)
THE 524 Advanced Studies in Theatre for Youth (3)
THE 581 Methods of Teaching Theatre (4) or THP 511 Methods of Teaching Drama (4)
THP 513 Touring Theatre (3)
THP 514 Projects in Community-based Theatre (3)
THP 582 Theatre for Social Change (3)
THP 611 Sites of Inquiry in Performance (3) or THP 618 Theatre for Youth Practicum (3)

Other Requirements (12 credit hours)
THE 500 Research Methods (3)
THE 591 Seminar (3)
THE 598 Special Topics (3)
THP 684 Internship (3)

Electives (17 credit hours)

Culminating Experience (6 credit hours)
THP 693 Applied Project (6)

Additional Curriculum Information
THE 598 Special Topics and elective courses are taken in consultation with Theatre for Youth and Community faculty.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• School of Music, Dance and Theatre Application (https://apply.mdt.asu.edu/), along with a current curriculum vitae, statement of purpose and a work sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants should thoroughly review application deadlines and requirements on the department's website (https://musicdancetheatre.asu.edu/admission/graduate-theatre-admission).

This highly competitive program accepts only a small number of students each year to provide highly individualized attention.

The statement of purpose should clearly explain the applicant's aesthetic and educational philosophies and future career goals. After reading the statement, the faculty should understand not only the applicant's current passions but also why the theatre for youth and community program at ASU would be an appropriate fit to meet the student's educational, practical and scholarly goals. The program accepts thoughtful, well-informed artists, scholars, educators and citizens.

The three letters of recommendation should be from professionals familiar with the applicant's work.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create new performances, processes and solutions in their core areas of practice (including theatre for and with youth, education and curriculum design, community-based theatre, civic practice, applied theatre and theatre for social justice).
Apply relevant theoretical and critical frames for the assessment of theatre and drama for and with youth and communities in relevant contexts such as K-12 schools, universities, professional and amateur theatres, community centers and applied theatre contexts.
Apply key skills, discourses and organizational strategies of their chosen area of specialization to the creation of new projects or partnerships with existing organizations, such as schools, arts organizations, government entities or other relevant partners.

Career opportunities

Graduates are prepared to be engaged and innovative leaders in a variety of careers in diverse settings and industries, including:

arts entrepreneurship
community arts
elementary, secondary and tertiary education systems
professional theater
youth theater

Examples of careers include:

activist
director
facilitator
organizer
practitioner
specialist
teacher

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAYOUTHMFA/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Theatre (Theatre for Youth and Community), PHD (FAYOUTHPHD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

Students in this Doctor of Philosophy program in theatre with a concentration in theatre for youth and community develop a personalized course of study by participating in comprehensive coursework, developing advanced research skills, and connecting their research interests to contemporary trends and conversations in the field.

Students receive individualized attention and focused mentorship in a challenging and supportive atmosphere designed to educate future leaders and researchers in the field.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (30 credit hours)

Research (12 credit hours)
THE 792 Research (12)

Research Methodology (6 credit hours)

Electives (30 credit hours)

Culminating Experience (12 credit hours)
THE 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

In meeting these requirements, students, with the advice of the supervisory committee, may select theatre courses in areas such as community-based theatre, theatre education, theatre for social change, theatre history, theatre theory and criticism and tutorial courses.

Students also may take courses outside the School of Music, Dance and Theatre in areas such as aesthetic theory, area studies, children's literature, critical and cultural studies, educational theory and methodology, languages and literatures, arts education, policy research and democracy studies.

Research methodology coursework is chosen in consultation with the supervisory committee. Where appropriate, the supervisory committee may approve certification of literacy in a foreign language as meeting the research methodology requirement. This approval is granted only in those circumstances wherein fluency in that language is necessary for the dissertation research.

Additional Curricular Requirements:

• ongoing reviews of a student's performance in courses and development of research skills, artistic skills and teaching competencies conducted by the supervisory committee at the end of each semester
• comprehensive examinations consisting of written and oral components that center on theatre history, literature and criticism, theatre for youth and theatre education, and the research area
• dissertation developed from an approved prospectus, based on original research work of high quality, demonstrating proficiency in the student's special field and adding new knowledge

All activities are selected to help students meet the goals of the program and develop the capability of becoming leaders in the field.

Additional information on degree requirements for this degree is available on the curriculum checksheet (https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAYOUTHPHD/graduate/false/3) (located at the bottom of the page).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in theatre or education from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae
• School of Music, Dance and Theatre Application (https://apply.mdt.asu.edu/), including a sample of scholarly writing and a statement of purpose
• three letters of recommendation
• proof of English proficiency

An interview is optional.

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

For the statement of purpose, applicants should cogently explain their research, educational philosophies and future career goals. After reading these statements, the doctoral faculty should understand not only their current passions, but also why the theatre for youth and community program at ASU would be an appropriate fit to meet their educational, philosophical and scholarly goals.

Three letters of recommendation from professionals familiar with the applicant's work should address specifically the applicant's potential for success in a doctoral program.

Applicants should thoroughly review application deadlines and requirements (https://musicdancetheatre.asu.edu/admission/graduate-theatre-admission).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

1. Students will be able to create works of scholarship with the potential to build new knowledge in their chosen theatre for youth and community subfields (including: theatre for and with youth, education and curriculum design, community-based theatre, civic practice, applied theatre and theatre for social justice).
2. Students will be able to make an original contribution to field scholarship and research by implementing a long-form research and writing process (e.g., book-length or multi-year work).
3. Students will be able to effectively present research as is pertinent to their chosen subfields and subject areas.

Career opportunities

Graduates are prepared to be engaged and innovative leaders in a variety of careers in diverse settings and industries, including:

- arts entrepreneurship
- community arts
- elementary, secondary and post-secondary education systems
- professional theater
- youth theater

Examples of careers include:

- activist
- director
- facilitator
- organizer
- practitioner
- specialist
- teacher

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/masters-degrees-phds/majorinfo/FAYOUTHPHD/graduate/false/3
MDTAdmissions@asu.edu
480-965-5069

Theatre, MA (FATHEAMA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Arts program in theatre introduces students to graduate study in the field of theatre and performance studies and provides a broad base of knowledge in the areas of history, theory, dramaturgy, research methods and practice.

Students have the opportunity to tailor their plan of study to specific research pathways and artistic subject areas, such as performance studies, history and historiography, theory, dramatic writing, theatre for youth, performance as research, technology in performance, drama for teaching and learning, dramaturgy, devising, directing, civic engagement and performance.

The program is designed for those who wish to ultimately enter a doctoral program, for K--12 educators seeking to expand and amplify their expertise, and for those seeking to advance their knowledge of theatre and performance studies.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours, a thesis and a written comprehensive exam

Required Courses (15 credit hours)

Electives (9 credit hours)

Culminating Experience (6 credit hours)
THE 599 Thesis (6)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current curriculum vitae

• sample of scholarly writing
• statement of purpose
• three letters of recommendation from professionals familiar with the applicant's work
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should address the applicant's background, experiences, research interests, and future career goals as they relate to their reasons for pursuing the degree program.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply graduate level research methods relevant to one's area of focus in theatre.
Apply advanced analytical skills in the critical examination of theatre histories, theories, & practices.
Synthesize advanced graduate research and analytical skills towards a long-range or large-scale project that integrates the customized research plan of study created by each graduate student.

Career opportunities

Professionals with a MA degree in theatre have been recruited to doctoral programs in theatre, have obtained jobs as teaching artists, and teach theatre in K--12 settings. Other career examples include:

creating and forming a theatre company
creating and producing original devised work
obtaining highly competitive local and national arts grants and arts residencies
working within an established arts organization as a teaching artist, program coordinator or event curator

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu
MDTAdmissions@asu.edu
480-965-5069

Urban Design, MUD (ARMUDMUD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Master of Urban Design program at The Design School is a transdisciplinary postprofessional graduate program that provides students with practical knowledge and skills to become leaders in designing healthy and resilient urban environments. Students learn and apply newly emerging design knowledge from architecture, landscape architecture, creative placemaking and place-keeping, urban planning, community development, civil engineering, and real estate

development. Students also draw from critical works in nondesign disciplines, including climate science, social justice, sustainability science, urban ecology, urban climate, natural resources management, environmental psychology, anthropology, art, history and law.

The MUD program offers a three-semester curriculum built around the analysis and understanding of the dynamic urban systems specific to rapidly urbanizing regions of the world. The program leverages the Phoenix metro area as a learning laboratory to understand a number of challenges --- rapid growth and expansion, water scarcity, extreme heat, and the area's distinct ecological and cultural diversity --- toward the development of responsible and innovative design strategies necessary to build just, sustainable and resilient cities.

STEM-OPT extension eligible: No

Degree requirements

36 credit hours including the required applied project course (MUD 593)

Required Core (10 credit hours)
MUD 521 Advanced Urban Design Studio I (5)
MUD 522 Advanced Urban Design Studio II (5)

Electives (9 credit hours)

Other Requirements (12 credit hours)
DSC 598 Topic: Principles of Collaboration in Design (3)
LAP 598 Topic: Smart City Sustainability and the Environment (3)
MUD 598 Topic: Great Cities (3)
MUD 598 Topic: Urban Issues (3)

Culminating Experience (5 credit hours)
MUD 593 Applied Project (5)

Additional Curriculum Information
Students should see the academic unit for an approved design professional elective list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent

• portfolio
• contact information for two references
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references must be submitted to SlideRoom in addition to the Graduate College application requirements. https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants are required to express their intention to apply to the program by outlining the reasons for their application, their motivation for pursuing the program and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The portfolio should be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities and ability to conceptualize, innovate and effectively communicate design ideas.

Applicants must submit contact information for two professional references. These can come from current and past faculty members, professional mentors, supervisors, or community leaders and elders.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they need to go through the entire application process again for the year for which they are applying.

Applicants who hold a studio-based four-year undergraduate design degree are considered for the one-year MUD program. This is a postprofessional program.

Applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU in a studio-based design discipline.

Applicants may be admitted to the one-year program with additional required coursework if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. This additional coursework must be completed prior to taking the required courses, if necessary. This may cause the student to take longer than one year to complete the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to work across a diverse spectrum of positions in the design field within public and private sectors and not-for-profit organizations. Potential areas of work include:

climate change mitigation and adaptation
community development
creative placemaking and placekeeping
environmental and climate justice
low-impact development
public health and cities

smart cities
sustainable cities
transit-oriented design
urban and community resilience

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Visual Communication Design, MVCD (HIVCDMVCD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Visual Communication Design program at The Design School is a studio-based degree program. Students work on strategic visual communication design projects with a focus on visual design communication proposals, as well as related practices that improve human experiences, enhance interaction with technology, increase business value and involve speculating critically about social issues. Students engage in visual and theoretical research, ideation, visualization, prototyping and testing of creative solutions that address critical problems faced in the contemporary designed world.

Students of this program learn to work with principles of visual communication design, emotional intelligence, and systems thinking in problem identification and its appropriate contextual solutions.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required capstone course (GRA 622)

Required Core (43 credit hours)

Electives (6 credit hours)

Other Requirement (6 credit hours)
GRA 581 Internship in Teaching Design (3)
GRA 584 Internship (3)

Culminating Experience (5 credit hours)
GRA 622 Advanced Visual Communication Design Studio IV (5)

Additional Curriculum Information
The MVCD program includes sequential studio courses. Requirements involve an average of 14 credit hours per semester. A summer internship is required during the summer before the final year.

The three-plus-year program adds the following requirement to the plan of study: additional courses (42 credit hours).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. Students should see below for information on the qualifications for a two-year or a three-plus-year program of study.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• portfolio
• contact information for two references
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The Design School requires that the letter of intent, portfolio, resume or CV, and contact information for professional references be submitted via SlideRoom in addition to the Graduate College application requirements.
https://asudesign.slideroom.com/#/Login (https://asudesign.slideroom.com/#/Login)

In the letter of intent, applicants are required to express their intention to apply to the program, and their future goals in the field, briefly touching upon their background, experiences and qualifications that make them a suitable candidate for the program.

The portfolio should be a curated collection of a candidate's design works, projects and creations to visually represent the applicant's skills, creativity, design sensibilities and ability to conceptualize, innovate and effectively communicate design ideas.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise, they need to go through the entire application process again for the year for which they are applying.

Admission Requirements to the two-year program
All applicants must have earned a bachelor's degree or equivalent or a graduate degree from a regionally accredited college or university of recognized standing in visual communication design, graphic design or other design discipline, or have significant experience in design as demonstrated with a portfolio in which visualization and visual communication skills are presented.

Admission Requirements to the three-plus-year program
All applicants must have earned a bachelor's degree or equivalent in a field other than visual communication design or graphic design, or have no significant experience in visual communication or graphic design.

Applicants may be admitted to the two-year program with additional coursework if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Additional coursework must be completed before taking the required courses, if necessary. This may cause the student to take longer than two years to complete the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Synthesize iterative ideas and design fundamentals into final projects.
Investigate methodologies, strategies, and theories through critical thinking in their final design project
Develop designs for social issues, cultural representation, and sustainability including clear visual and verbal communication techniques.

Career opportunities

Graduates pursue professional practice in visual communication, experience design and strategic design, as well as positions in academia. Career opportunities include:

creative lead
design manager
design researcher
experience designer
interaction designer
senior visual communication designer
service designer
UX designer
visual design consultant
visual sense-maker

Contact information

The Design School | CDN 162
https://design.asu.edu
designgrad@asu.edu
480-965-3536

Engineering, Ira A. Fulton Schools of

Aerospace Engineering, MS (ESAEROSPMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in aerospace engineering stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mechanical Engineering, BSE

Mechanical Engineering (Computational Mechanics), BSE

Aerospace Engineering (Astronautics), BSE

Mechanical Engineering (Energy and Environment), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (MAE 593)

Major Area of Emphasis (12 or 15 credit hours)

Technical Electives (6 or 9 credit hours)

Mathematics (6 credit hours)

Culminating Experience (0-6 credit hours)
MAE 593 Applied Project (3) or
MAE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
All students are admitted to the nonthesis option unless a faculty thesis advisor is secured, at which time the student can initiate a change to the thesis option.

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required throughout the program. Candidates for the program must complete a minimum of 30 credit hours of courses at the 500 level and above, with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") or above.

Students completing a portfolio for the culminating experience must complete at least 15 credit hours of graduate MAE coursework (500 level and above) for the major area of emphasis requirement. An additional three credit hours of elective coursework, for a total of nine credit hours, is also required.

Coursework for the major area of emphasis is restricted to MAE coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a minimum score of 80 on the internet-based TOEFL (taken in a testing center) regardless of their current residency.

Admission to the aerospace engineering graduate program is highly competitive.

Admission to the accelerated master's degree program requires an ASU GPA of 3.50 (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The MS program in aerospace engineering prepares engineers for doctoral study or industrial positions that specialize in research, project management and product innovation in aerospace engineering.

Professionals with a master's degree in aerospace engineering have strong opportunities at most levels in aerospace engineering in research, design and manufacturing at companies of all sizes as well as national laboratories (Department of Energy, Department of Defense, NASA). Analytical skills learned in aerospace engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- research engineer

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/graduate/aerospace-engineering-ms/
semtegrad@asu.edu
480-965-2335

Aerospace Engineering, PHD (ESAERSPPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in aerospace engineering emphasizes original research. Students acquire a strong background for employment in academic institutions, government laboratories and industrial research laboratories with a focus on aerospace engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy. Modern computational and laboratory facilities are available to support timely research investigations.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

All students pursuing the doctorate are required to pass both a qualifying and a comprehensive examination administered by the program committee. In addition, the following are required:

coursework directly related to the research area (18)
mathematics (9)
graduate courses outside the major research area (9)
MAE 792 Research
MAE 799 Dissertation credit hours (12)

Students in the doctoral program who have not completed a Master of Science degree previously are allowed to apply for a Master of Science in Passing after successfully completing the comprehensive exams.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in any field from an accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GRE scores
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a minimum of score of 80 on the TOEFL iBT® (taken in a testing center) regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

Admission to the aerospace engineering doctoral program is highly competitive, and preferred applicants have an undergraduate or master's degree in aerospace engineering or mechanical engineering. The admission process considers all aspects of the student's application. The typical successful applicant has a cumulative GPA of at least 3.25 (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program, and high GRE and TOEFL scores.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with a PhD in aerospace engineering have strong opportunities at all levels in aerospace engineering in the areas of research, design and manufacturing at companies of all sizes and national laboratories (Department of

Energy, Department of Defense, NASA). Analytical skills learned in aerospace engineering are also valued for other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor
- research engineer

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/graduate/aerospace-engineering-ms/
semtegrad@asu.edu
480-965-2335

Applied Ethics and the Professions (Ethics and Emerging Technologies), MA (LAAEPEETMA)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

In the Master of Arts program in applied ethics and the professions with a concentration in ethics and emerging technologies, students examine ethical challenges posed by emerging technologies, including nanotechnology, neurotechnology, biotechnology, robotics, and advanced information and communication technology. Not only are these technologies being developed at an unprecedented pace, but they also share several distinct characteristics, including system complexity, social embeddedness and the potential to converge with one another.

Emerging technologies are changing how humans live and work, and they have the potential to alter the very nature of human existence. Challenges considered in courses in the program include regulation of emerging technologies through public policy, ethical responsibilities of professionals engaged in development of emerging technologies, the promises and perils of emerging technologies, and whether traditional ethical concepts and processes can and should be applied to emerging technologies.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (AEP 593)

Required Core (6 credit hours)

Concentration (3 credit hours)

Elective (15 credit hours)

Culminating Experience (6 credit hours)
AEP 593 Applied Project (6)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of interest in applied ethics and career goals
• three letters of recommendation

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency by meeting the Graduate College English proficiency requirements, regardless of their current residency.

Applicants who are required to demonstrate English proficiency and who are seeking a teaching assistantship must demonstrate proficiency in spoken English; a score of 55 or higher on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

School of Sustainable Engineering & Built Envirnmt | ECG 251
https://engineering.asu.edu/degrees/graduate/
sebe.advising@asu.edu
480-965-0595

Artificial Intelligence Engineering (Computing Sciences), MS (ESAIECSMS)

College/School: Ira A. Fulton Schools of Engineering

Campus:

This program is coming soon for fall 2026.

Program description

The Master of Science program in artificial intelligence engineering with a concentration in computing sciences combines advanced study in AI approaches with deep domain expertise in computing.

The use of AI approaches, including machine learning, natural language processing, computer vision, robotics and pattern recognition, is becoming widespread in many fields, including all engineering disciplines. Yet, the majority of engineering occupations require subject matter expertise beyond AI.

Students learn how to develop and customize relevant AI approaches, such as those mentioned above, to engineering computing problems. A core curriculum in AI engineering foundations, AI systems and tools, AI ethics and social responsibility, and data collection and evaluation for AI systems is complemented by computing-specific courses to ensure breadth and depth in AI and in computing.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (CSE 593)

Required Core (3 credit hours)
FSE 561 Artificial Intelligence Ethics and Social Responsibility (3)

AI Engineering Foundations (3 credit hours)

AI Systems and Tools (3 credit hours)

Data Collection and Evaluation for AI Systems (3 credit hours)

Concentration (9 credit hours)
CSE 571 Artificial Intelligence (3)
CSE 500-level courses (6)

Electives (3, 6 or 9 credit hours)

Culminating Experience (0, 3 or 6 credit hours)
CSE 593 Applied Project (3)
CSE 599 Thesis (6)
portfolio (0)

Additional Curriculum Information
Students should see their program advisor for a complete list of approved course options.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency by scoring at least 90 on the Internet-based TOEFL (iBT) taken in a testing center, 7 on the IELTS, or 115 on the Duolingo English test.

The resume should reflect familiarity with Matlab, Python, SQL, R or other relevant programming skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Computer engineers with a background in artificial intelligence can pursue opportunities in a variety of fields to develop, customize and apply AI systems and tools while taking ethical and societal considerations into account. These skills can be applied to industries including:

- cybersecurity
- database development and management
- software integration and product design
- software development

Contact information

School of Computing and Augmented Intelligence | CTRPT 105
https://scai.engineering.asu.edu/graduate/
scai.grad.admission@asu.edu
480-965-3199
Admission deadlines (https://scai.engineering.asu.edu/graduate/)

Artificial Intelligence Engineering (Electrical Engineering), MS (ESAIEEEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in artificial intelligence engineering with a concentration in electrical engineering combines advanced study in AI approaches with deep domain expertise in electrical engineering.

The use of AI approaches, including machine learning, natural language processing, computer vision, robotics and pattern recognition is becoming widespread in many fields, including all engineering disciplines. Yet, the majority of engineering occupations require subject matter expertise beyond AI.

Students learn how to develop and customize relevant AI approaches to electrical engineering problems. A core curriculum in AI engineering foundations, AI systems and tools, AI ethics and social responsibility and data collection and evaluation for AI systems is complemented by electrical engineering-specific courses to ensure breadth and depth in AI and in electrical engineering. This degree program is the only of its kind that prepares electrical engineering students for the AI-enabled engineering of the future.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including a portfolio

Required Core (3 credit hours)
FSE 561 Artificial Intelligence Ethics and Social Responsibility (3)

AI Engineering Foundations (3 credit hours)

AI Systems and Tools (3 credit hours)

Data Collection and Evaluation for AI Systems (3 credit hours)

Concentration (9 credit hours)
EEE 554 Probability and Random Processes (3)
EEE 560 Mathematical Foundations of Machine Learning (3)
EEE coursework (3)

Electives (3 or 9 credit hours)

Culminating Experience (0 or 6 credit hours)
EEE 599 Thesis (6)
portfolio (0)

Additional Curriculum Information
Students should see their program advisor for a complete list of approved courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency by scoring at least 90 on the Internet-based TOEFL (iBT) taken in a testing center, 7 on the IELTS, or 115 on the Duolingo English test.

The professional resume should specify familiarity with Matlab, Python, SQL, R or other relevant programming skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Electrical engineers with a background in AI can pursue opportunities in a variety of fields to develop, customize and apply AI systems and tools while taking ethical and societal considerations into account. These skills can be applied to industries including:

- electrical networks
- embedded power systems
- microelectronics
- power electronics
- quantum systems

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
AskEE@asu.edu
480-965-3424
Admission deadlines (https://ecee.engineering.asu.edu/)

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS (ESAIEHCMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Master of Science program in artificial intelligence engineering with a concentration in human-centered artificial intelligence combines advanced study in AI approaches with deep domain expertise in human systems.

The use of AI approaches, including machine learning, natural language processing, computer vision, robotics and pattern recognition is becoming widespread in many fields, including all engineering disciplines. Yet, the majority of engineering occupations require subject matter expertise beyond AI.

Students learn how to develop and customize relevant AI approaches to human systems engineering problems that emphasize human factors in engineering. A core curriculum in AI engineering foundations, AI systems and tools, AI ethics and social responsibility, and data collection and evaluation for AI systems is complemented by human systems-specific courses to ensure breadth and depth in AI and in human systems.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering, BS

Engineering (Robotics), BSE

Technological Entrepreneurship and Management, BS

Engineering (Mechanical Engineering Systems), BSE

Engineering (Clean Energy Systems), BSE

Information Technology (Cybersecurity), BS

Information Technology (Networking), BS

Graphic Information Technology (Full-Stack Web Development), BS

Information Technology, BS

Graphic Information Technology, BS

Engineering (Electrical Systems), BSE

Graphic Information Technology (User Experience), BS

Engineering (Automotive Systems), BSE

Human Systems Engineering (User Experience), BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (HSE 593)

Required Core (3 credit hours)
FSE 561 Artificial Intelligence Ethics and Social Responsibility (3)

AI Engineering Foundations (3 credit hours)

AI Systems and Tools (3 credit hours)

Data Collection and Evaluation for AI Systems (3 credit hours)

Concentration (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering

Electives (3 or 6 credit hours)

Culminating Experience (0, 3 or 6 credit hours)
HSE 593 Applied Project (3)
HSE 599 Thesis (6)
portfolio (0)

Additional Curriculum Information
Students should see their program advisor for a complete list of approved courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency by scoring at least 90 on the Internet-based TOEFL (iBT) taken in a testing center, 7 on the IELTS, or 115 on the Duolingo English test.

The professional resume should specify familiarity with Matlab, Python, SQL, R or other relevant programming skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Human systems engineers with a background in AI can pursue opportunities in a variety of fields to develop, customize and apply AI systems and tools while taking ethical and societal considerations into account. These skills can be applied to industries including:

- human-robot teaming
- learning design
- product design
- workplace and patient safety

Contact information

Polytechnic School | SUTON 200
https://poly.engineering.asu.edu/degrees/graduate-degrees/
polygrad@asu.edu
480-727-1874
Admission deadlines (https://poly.engineering.asu.edu/degrees/graduate-degrees/)

Artificial Intelligence Engineering (Mechanical Engineering), MS (ESAIEMEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in artificial intelligence engineering with a concentration in mechanical engineering combines advanced study in AI approaches with deep domain expertise in mechanical engineering.

The use of AI approaches, including machine learning, natural language processing, computer vision, robotics and pattern recognition, is becoming widespread in many fields, including all engineering disciplines. Yet, the majority of engineering occupations require subject matter expertise beyond AI.

Students learn how to develop and customize relevant AI approaches to mechanical engineering problems. A core curriculum in AI engineering foundations, AI systems and tools, AI ethics and social responsibility, and data collection and evaluation for AI systems is complemented by mechanical engineering-specific courses to ensure breadth and depth in AI and in mechanical engineering.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (MAE 593)

Required Core (3 credit hours)
FSE 561 Artificial Intelligence Ethics and Social Responsibility (3)

AI Engineering Foundations (3 credit hours)

AI Systems and Tools (3 credit hours)

Data Collection and Evaluation for AI Systems (3 credit hours)

Concentration (9 credit hours)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
MAE coursework (6)

Electives (3, 6 or 9 credit hours)

Culminating Experience (0, 3 or 6 credit hours)
MAE 593 Applied Project (3)
MAE 599 Thesis (6)
portfolio (0)

Additional Curriculum Information
Students should see their program advisor for a complete list of approved courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency by scoring at least 90 on the Internet-based TOEFL (iBT) taken in a testing center, 7 on the IELTS, or 115 on the Duolingo English test.

The professional resume should specify familiarity with Matlab, Python, SQL, R or other relevant programming skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Mechanical engineers with a background in AI can pursue opportunities in a variety of fields to develop, customize and apply AI systems and tools while taking ethical and societal considerations into account. These skills can be applied to industries including:

- autonomous vehicles
- energy systems
- manufacturing
- product design and development
- robotics

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://semte.engineering.asu.edu/
semtegrad@asu.edu
480-965-2335
Admission deadlines (https://semte.engineering.asu.edu/)

Artificial Intelligence Engineering (Robotics), MS (ESAIERMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Master of Science program in artificial intelligence engineering with a concentration in robotics combines advanced study in applied AI with robotics engineering.

This program enables students not only to develop their core expertise in robotics and industrial automation, digital twins, data informatics and applications of generative AI and LLMs in robotics and industrial automation, but also to enhance their data science skills through interdisciplinary courses offered within and beyond engineering.

A core curriculum in robotics, articulated robots, aerial robots, human robot teaming, robot learning, AI engineering foundations, AI systems and tools, AI ethics and social responsibility, and data collection and evaluation for AI systems is complemented by robotics engineering-specific courses to ensure breadth and depth in AI and in robotics engineering. The main data science elements consist of data processing, data visualization, data mining and machine learning. Machine learning and deep learning, as well as their applications in robotics, are included to highlight the industrial use cases of data and AI.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (RAS 593)

Required Core (3 credit hours)
FSE 561 Artificial Intelligence Ethics and Social Responsibility (3)

AI Engineering Foundations (3 credit hours)

AI Systems and Tools (3 credit hours)

Data Collection and Evaluation for AI Systems (3 credit hours)

Concentration (9 credit hours)
RAS 585 Machine Learning and Artificial Intelligence (3)
select two of the following:
RAS 507 Image Processing and Analysis (3)
RAS 545 Robotic Systems I (3)
RAS 546 Robotic Systems II (3)
RAS 550 Mechatronic Systems (3)
RAS 555 Mechatronics Device Innovation (3)
RAS 556 System Control and Optimization (3)
RAS 557 Foldable Robotics (3)

Electives (3, 6 or 9 credit hours)

Culminating Experience (0, 3 or 6 credit hours)
portfolio (0)
RAS 593 Applied Project (3)
RAS 599 Thesis (6)

Additional Curriculum Information
Students should see their program advisor for a complete list of the approved course options.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency by scoring at least 90 on the Internet-based TOEFL (iBT) taken in a testing center, 7 on the IELTS, or 115 on the Duolingo English test.

The resume should reflect familiarity with Matlab, Python, SQL, R or other relevant programming skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Robotics engineers with a background in AI can pursue opportunities in a variety of fields to develop, customize and apply AI systems and tools while taking ethical and societal considerations into account. These skills can be applied to industries including:

- autonomous vehicles
- intelligent manufacturing robots
- mobile drone swarms
- surgical robots

Contact information

School of Manufacturing Systems and Networks | ISTB12 301
https://msn.engineering.asu.edu/degrees/graduate/
msngrad@asu.edu
480-727-2097
Admission deadlines (https://msn.engineering.asu.edu/degrees/graduate/)

Biological Design, MS (ESBDEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Students pursuing the Master of Science degree in biological design become experts in the intersection of life and machinery by participating in a flexible training program. Students are required to take one program core course (Principles of Biological Design), one course from a suite of biotechnology courses, and one course from a suite of statistics courses.

The flexibility of this program, while maintaining key instructional structure, allows students from both traditional and nontraditional engineering backgrounds to have simultaneous access to training and mentoring in both engineering and technology with a biological focus. This gives students from diverse backgrounds access to transdisciplinary education and training that they would not have in traditional program settings.

As part of coursework and applied projects or theses, students read literature; identify critical problems related to energy, environment, human health, sustainability and security; and develop solutions to these problems using a synergy of technological and biological solutions, either in teams (course projects) or individually (thesis or applied project). Students are mentored by faculty from different colleges and schools at ASU.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (BDE 593)

Required Core (3 credit hours)
BDE 502 Research Methods in Biological Design (3)

Statistics (3 credit hours)
CHE 598 Topic: Six Sigma Methodology/Engineering Experimentation (3)
IEE 572 Design Engineering Experiments (3)
IEE 578 Regression Analysis (3)
IEE 670 Mathematical Statistics (3)

Biotechnology (3 credit hours)
BME 598 Topic: Bioenergy and Microbial Biotechnology (3)
BME 598 Topic: Cellular and System Modeling (3)
BME 598 Topic: Chimeras and Recombinant Organisms in Medicine (3)

CEE 565 Advanced Environmental Biotechnology (3)
CEE 567 Environmental Microbiology (3)
CEE 598 Topic: Bio-inspired Design (3)
CHE 579 Microbial Bioprocess Engineering (3)
CHE 598 Topic: Nanobiotechnology (3)
CHE 598 Topic: Synthetic Biology and Metabolic Engineering (3)

Electives (12 or 15 credit hours)

Other Requirements (3 credit hours)
BDE 591 Seminar (3)

Culminating Experience (3 or 6 credit hours)
BDE 593 Applied Project (3)
BDE 599 Thesis (6)

Additional Curriculum Information
BDE 591 Seminar is a one credit hour course to be taken in three semesters. This course may be substituted with the academic unit's approval.

Students select electives in consultation with their advisor. Students who complete the applied project for the culminating experience must complete 15 credit hours of electives, and students completing the thesis option take 12 credit hours of electives.

Students must complete three credit hours for each requirement in statistics and in biotechnology from the courses listed. If approved by the academic unit, courses may be substituted with an appropriate alternative.

Coursework selected as part of the statistics or biotechnology requirements may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total credit hours of their plan of study are equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering. Applicants must have earned a bachelor's or master's degree in a related field, including physical sciences, biological sciences, or engineering, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency. Applicants whose native language is not English are required to achieve a minimum score of 90 on the TOEFL iBT®.

The application process is very competitive, and candidates are strongly encouraged to adhere to all priority deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Opportunities for graduates include placement in the broader biotechnology industry, including biopharmaceutical processing, biomanufacturing, sustainable biotechnology, and food and agribusiness industries. Some graduates pursue careers in entrepreneurship (e.g., startup companies), law (e.g., patent law), regulatory affairs and medicine.

Career examples include:

- clinical laboratory technologist
- environmental engineer
- environmental scientist and specialist
- epidemiologist
- health and safety engineer
- microbiologist

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://semte.engineering.asu.edu/
semtegrad@asu.edu
480-965-2335

Biological Design, PHD (GCBDSPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in biological design seeks to develop a new type of scientist by training students in core disciplines related to biomedicine and biotechnology while simultaneously preparing them to participate successfully in the interdisciplinary research teams of the future.

The research emphasis is on projects that are use-inspired, contributing directly to solutions for important societal challenges. This is a highly mentored program of personalized study that provides significant interaction with the large and vibrant local research community.

The curriculum has three key distinguishing features: a personalized plan of study that enables students to explore the disciplinary and interdisciplinary areas of greatest interest; encouragement to choose dissertation research projects that are use-focused, contribute to solving a large-scale challenge and promise rich transdisciplinary experiences; and opportunities to participate in a proseminar format to encourage broad research interactions and discuss problems and challenges in biological design research.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-

students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
BDE 702 Fundamentals of Biological Design II (3)

Other Requirements (2 credit hours)
BDE 598 Special Topics: Biological Design Seminar (1)
BDE 791 Seminar: Biological Design Proseminar (1)

Electives and Research (67 credit hours)

Culminating Experience (12 credit hours)
BDE 799 Dissertation (12)

Additional Curriculum Information
Other courses under Other Requirements may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Three letters of recommendation relative to the candidate's academic career are required. The personal statement should reflect the candidate's career and educational goals, and explain why the candidate is interested in pursuing this degree. The resume should include prior research and employment experience, honors, awards, memberships

held, publications, etc.

For additional admission requirements, including transcripts, fees and international application requirements, students should see the ASU Admission Services website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are trained at the intersection of biological sciences, physical sciences and technology through innovation, design and production. They find career opportunities in health care, biotechnology, pharmaceutical discovery, biomanufacturing, security, environmental technologies and food agribusinesses.

Career examples include:

- biochemist
- biophysicist
- clinical scientist
- environmental engineer
- health and safety engineer
- medical engineer
- medical scientist
- microbiologist

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://semte.engineering.asu.edu/biological-design-phd/
semtegrad@asu.edu
480-965-2335

Biomedical Engineering, MS (ESBIOENMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The School of Biological and Health Systems Engineering offers a graduate program leading to the Master of Science in biomedical engineering.

Areas of study include:

• biomaterials, biosensors, biomarkers and biomimetic materials
• biomedical imaging
• molecular, cellular and tissue engineering
• neural and rehabilitation engineering
• synthetic and systems biology

The biomedical engineering program offers an accelerated BSE/MS degree in biomedical engineering for students in the Bachelor of Science in Engineering program who have maintained a GPA of 3.50 (scale is 4.00 = "A") into their junior year. The program allows up to 12 credit hours of graduate-level coursework taken during the senior year to be applied toward both the undergraduate and graduate degrees.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biomedical Engineering, BSE

Biomedical Engineering (Biomedical Devices), BSE

Biomedical Engineering (Biological Devices), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (BME 593)

COURSE-BASED OPTION

Required Core (3 credit hours)
BME 510 Biomechanics/Human Physical Capability (3)

Advanced Biomedical Fundamentals (15 credit hours)

General Electives (12 credit hours)

OPTIONS WITH CULMINATING EXPERIENCE

Required Core (3 credit hours)
BME 510 Biomechanics/Human Physical Capability (3)

Advanced Biomedical Fundamentals (12 credit hours)

Biomedical Engineering Seminar (2 or 3 credit hours)
BME 591 Topic: Bioengineering Sem (2 or 3)

General Electives (6 or 9 credit hours)

Culminating Experience (4 or 6 credit hours)
BME 593 Applied Project (4) or
BME 599 Thesis (6)

Additional Curriculum Information

The master's degree offers a course-based option. The course-based option is ideal for students seeking a fast, flexible path to industry through advanced technical training, especially those with prior industry experience looking to supplement their skills. The applied project option is designed for students interested in solving real-world biomedical problems through a hands-on project. The thesis option is best suited for students pursuing research careers or doctoral study, offering in-depth experience in hypothesis-driven investigation.

All candidates pursuing a master's degree in biomedical engineering are required to complete an approved plan of study. Special course requirements for the different areas of study are established by the faculty.

A candidate whose undergraduate degree is in a field other than biomedical engineering may be required to complete more than the required credit hours of the program of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• a statement of purpose
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Ability to develop a research or design project in biomedical engineering for students who will be completing a thesis or an applied project
- Ability to evaluate quantitative problems related to biomedical engineering by applying statistical analysis, mathematical modeling, and image processing methods related to biomedical engineering
- Ability to communicate biomedical concepts to an interdisciplinary audience through data synthesis, interpretation and visualization

Career opportunities

Professionals who specialize in biomedical engineering research areas are in high demand by local, national and international employers across sectors and industries, including business, academia, health care, government and research.

Career examples include:

- biochemical engineer
- bioinformatics scientist
- biomedical engineer
- geneticist
- health sciences manager
- medical scientist
- molecular biologist
- nanosystems engineer

Contact information

Harrington Bioengineering Program | ECG 334
https://sbhse.engineering.asu.edu/
sbhse.advising@asu.edu
480-965-3028

Biomedical Engineering, PHD (ESBIOENPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The School of Biological and Health Systems Engineering faculty offer a graduate program leading to the Doctor of Philosophy in biomedical engineering.

Areas of study include:

• biomaterials, biosensors, biomarkers and biomimetic materials
• biomedical imaging
• molecular, cellular and tissue engineering
• neural and rehabilitation engineering
• synthetic and systems biology

The PhD degree in biomedical engineering is conferred upon evidence of excellence in research resulting in a scholarly dissertation that is a contribution to knowledge.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Bioengineering Courses (18 credit hours)
Doctoral students are required to complete six credit hours from each of the following three areas:
BME graduate courses (BME prefix) (6)
life science or biology graduate courses (6)
quantitative math or engineering (6)

Other Requirement (3 credit hours)
BME 780 Teaching Practicum (3)

Technical Electives (9 credit hours)

Research (37 credit hours)
BME 792 Research (37)

Seminar (5 credit hours)
BME 591 Seminar (5)

Culminating Experience (12 credit hours)
BME 799 Dissertation (12)

Additional Curriculum Information
Up to six credit hours of the required biomedical engineering courses and technical electives combined may be at the 400 level.

Courses used to satisfy the technical electives requirement must be selected from the list of 400- to 700-level courses that are not selected as required BME courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students should view the School of Biological and Health Systems admission checklist (https://sbhse.engineering.asu.edu/phd-biomedical-engineering/) for specific admission procedures and deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Ability to independently develop an approach for identifying problems, collecting, analyzing and interpreting data in the area of biomedical engineering
- Develop ability to communicate original biomedical research as scholarly work or publication
- Develop teaching practices under faculty supervision that are appropriate for biomedical engineering education within industry or academia

Career opportunities

Professionals who specialize in biomedical engineering research areas are in high demand across sectors and industries, including business, academia, hospitals, government agencies and research facilities. The skill sets gained by graduates of the doctoral program in biomedical engineering are sought by local, national and international employers.

Career examples include:

- bioinformatics scientist
- biomedical engineer
- geneticist
- medical scientist
- molecular biologist
- professor

Contact information

Harrington Bioengineering Program | ECG 334
https://sbhse.engineering.asu.edu/
sbhse.advising@asu.edu
480-965-3028

Chemical Engineering, MS (ESCHEMEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in chemical engineering offers several areas of research emphasis, including atmospheric aerosols, biomolecular engineering, biosensors, chemical therapies for neurodegenerative diseases, electrochemistry, electronic materials processing, engineering education, flexible display technology, fuel cells, inorganic membranes, process design and operations, protein synthesis, transport phenomena in living systems, and water purification.

A graduate handbook detailing information on graduate studies in chemical engineering is available on the school's website. For additional details, students should contact the graduate advising office in the School for Engineering of Matter, Transport and Energy.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Chemical Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (CHE 593)

Required Core (9 credit hours)
CHE 533 Transport Processes I (3)
CHE 543 Thermodynamics of Chemical Systems (3)
CHE 544 Chemical Reactor Engineering (3)

Technical Electives (12-18 credit hours)

Other Requirement (3 credit hours)
CHE 591 Seminar (3)

Culminating Experience (0-6 credit hours)
CHE 593 Applied Project (3)
CHE 599 Thesis (6)
portfolio (0)

Additional Curriculum Information
All students are admitted to the nonthesis option unless a faculty thesis advisor is secured, at which time the student can initiate a change to the thesis option.

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required throughout the program. Candidates for the program must complete a minimum of 30 credit hours of courses at the 500 level and above, with a cumulative GPA of 3.00 or above.

Students completing a portfolio for the culminating experience must complete at least 18 credit hours of graduate CHE coursework (500 level and above) for the major area of emphasis requirement. An additional three credit hours of elective coursework, for a total of nine credit hours, is also required.

Coursework for the major area of emphasis is restricted to CHE coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a minimum score of 90 on the internet-based TOEFL, regardless of their current residency.

Admission to the accelerated master's degree program requires a 3.50 ASU GPA (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate an understanding of key concepts of thermodynamics in the field and how to apply those concepts in their culmination event (Applied project or M.S. thesis).
- Communicate the results of research performed related to chemical engineering concepts through written and oral presentations.
- Demonstrate an understanding of key concepts of kinetics in the field and how to apply those concepts in their culmination event (e.g., Thesis).

Career opportunities

Professionals with a MS in chemical engineering have strong opportunities at all levels in research, design and manufacturing at companies; at national laboratories (e.g., Department of Energy, Department of Defense, NASA); and in academia. Analytical skills learned in chemical engineering are also valued in other nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor

- lecturer
- process engineer
- research engineer

Contact information

Chemical Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/graduate/chemical-engineering-ms/
semtegrad@asu.edu
480-965-2335

Chemical Engineering, PHD (ESCHEMEPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The chemical engineering faculty offer a graduate program leading to the Doctor of Philosophy in chemical engineering.

Areas of research emphasis include atmospheric aerosols, biomolecular engineering, biosensors, chemical therapies for neurodegenerative diseases, electrochemistry, electronic materials processing, engineering education, flexible display technology, fuel cells, inorganic membranes, process design and operations, protein synthesis, transport phenomena in living systems and water purification.

A graduate handbook detailing information on graduate studies in chemical engineering is available on the school's website. For additional details, students should contact the graduate advising office in the School for Engineering of Matter, Transport and Energy.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (9 credit hours)
CHE 533 Transport Processes I (3)
CHE 543 Thermodynamics of Chemical Systems (3)
CHE 544 Chemical Reactor Engineering (3)

Technical Electives (18 credit hours)

Other Requirements (5 credit hours)
CHE 591 Seminar (5)

Research (12 credit hours)
CHE 792 Research (12)

Additional Research/Electives (28 credit hours)

Culminating Experience (12 credit hours)
CHE 799 Dissertation (12)

Additional Curriculum Information
Technical electives are selected from within or outside the chemical engineering program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English is required to achieve a minimum score of 100 on the TOEFL iBT® (taken in a testing center), regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate an understanding of key concepts of thermodynamics in the field and how to apply those concepts in their Ph.D. research.
- Write creative engineering documents that show an understanding of their experimental research and appropriately records and analyzes their results.
- Construct a research plan that provides detailed experimental procedures and provides a novel research approach.

Career opportunities

Professionals with a chemical engineering doctoral degree have strong opportunities at all levels in research, design and manufacturing at companies of all sizes; at national laboratories (Department of Energy, Department of Defense,

NASA); and in academics. Analytical skills learned in chemical engineering are also valued in nonengineering positions.

Career examples include:

- engineer
- engineering manager or director
- engineering professor
- lecturer
- process engineer
- research engineer

Contact information

Chemical Engineering Program | ECG 202
https://semte.engineering.asu.edu/students/graduate/chemical-engineering-phd/
semtegrad@asu.edu
480-965-2335

Civil, Environmental and Sustainable Engineering, MS (ESCIVILMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in civil, environmental and sustainable engineering is designed to enhance the knowledge gained in the undergraduate program by requiring students to understand and practice fundamental concepts in engineering, mathematics and the basic sciences.

The pattern of coursework applicable to the degree is potentially specific to each student, although it must conform to the general guidelines for subject matter content for the degree, as authorized here in this program listing and on the program's website.

Students are admitted to one of the following specialty areas in engineering:

• environmental
• geotechnical
• hydrosystems
• structural
• sustainable
• transportation

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civil Engineering, BSE

Construction Engineering, BSE

Civil Engineering (Sustainable Engineering), BSE

Environmental Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours and a written comprehensive exam, or
30 credit hours including the required applied project course (CEE 593)

All candidates for the master's degree thesis option are required to complete 24 credit hours of approved graduate coursework and a minimum of six credit hours of CEE 599 Thesis. The written thesis must be original research in nature. Additional courses may be assigned by the graduate supervisory committee, depending on the candidate's background. A final oral examination in defense of the thesis written work is required.

Candidates in the applied project option must complete 27 credit hours of approved graduate coursework and three credit hours of CEE 593 Applied Project.

Candidates in the comprehensive exam option must complete 30 credit hours of approved graduate coursework and complete a written comprehensive exam.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree with a major in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Applicants with a lower GPA may be admitted provisionally at the discretion of the admission committee.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

The student's credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator. A student whose undergraduate degree is not in civil engineering is required to take appropriate undergraduate courses to establish a base of knowledge in the discipline. The additional courses required for admission to the program are specified at the time of admission, and details can be obtained from the graduate studies section of the program's website.

Applicants are encouraged to submit a resume and personal statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

This program prepares graduates to be civil engineers who typically focus on large projects such as buildings, roads, bridges, subway systems, dams and water supply networks.

Contact information

Civil, Environmental and Sustainable Eng Program | HLMK 437
https://ssebe.engineering.asu.edu/graduate/civil/
sebe.advising@asu.edu
480-965-0595

Civil, Environmental and Sustainable Engineering, PHD (ESCIVILPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

A broad range of theoretical and experimental research programs have been established in civil and environmental engineering to prepare graduate students for careers in professional practice and research. These programs are constantly evolving with the changes in society and the profession, and many are transdisciplinary in nature.

The pattern of coursework applicable to the Doctor of Philosophy in civil, environmental and sustainable engineering program is potentially unique for each student, although it must conform to the general guidelines for subject matter content for the degree, as authorized here and in the program's graduate handbook.

Students are admitted to one of the following specialty areas in engineering:

- environmental
- geotechnical
- hydrosystems
- structural
- sustainable
- transportation

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

All candidates for the doctorate are required to complete 84 approved graduate credit hours; of these, 30 credit hours can be from the previously awarded master's degree. Additional graduate credit work may be assigned by the graduate supervisory committee, depending on the background of the candidate.

The graduate credit hours must include a minimum of 12 credit hours of research and 12 credit hours of dissertation work.

This degree program also requires written and oral comprehensive examinations and approval of the dissertation prospectus for the student to be eligible for doctoral candidacy.

After entering candidacy, the student completes the research and writes and successfully defends a dissertation.

A final oral examination in the defense of the dissertation work is required for all students.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a master's degree in engineering or a closely related master's degree program from a regionally accredited institution. Exceptionally qualified students with a bachelor's degree may be admitted to the doctoral program.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GRE scores
• three letters of recommendation
• a resume
• a personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

A student whose undergraduate or master's degree is not in civil engineering is required to take appropriate undergraduate or graduate courses in order to establish a base of knowledge in the discipline. The additional courses required for admission to the program are specified at the time of admission, and details can be obtained from the graduate studies section of the program's website.

Prospective students should note that GRE scores are used in the admission decision. The average scores for those admitted to the graduate programs over the last five years were 732 for MS or MSE and 751 for PhD (GRE General Test) or 157 for MS or MSE and 159 for PhD (GRE revised General Test) in the quantitative section; 1203 for MS or MSE and 1239 for PhD (GRE General Test) or 308 for MS or MSE and 311 for PhD (GRE revised General Test) as combined quantitative and verbal scores. More information regarding how to send official GRE scores to Graduate Admission Services can be found on the FAQ page (https://admission.asu.edu/contact/faqs#graduate). ASU does not accept the GRE® General Test at home edition.

Students' credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates in professional practice become civil engineers who typically focus on large projects such as buildings, bridges, subway systems, dams and water supply networks. Graduates also go into research and higher education.

Contact information

Civil, Environmental and Sustainable Eng Program | HLMK 437
https://ssebe.engineering.asu.edu/graduate/civil/
sebe.advising@asu.edu
480-965-0595

Clean Energy Systems, MS (ESCESMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

In the Master of Science program in clean energy systems, students not only develop sophisticated engineering technical skills in clean energy systems but also exercise the professional competencies of collaboration, communication, teamwork and adaptability. Students study a variety of energy sources, including fuel cells, power electronics, batteries, automotive systems and renewable energy systems. The applied courses within the program provide exposure to different disciplines, including electrical and electronics engineering, mechanical engineering, chemical engineering, chemistry and physics.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Engineering (Mechanical Engineering Systems), BSE

Engineering (Clean Energy Systems), BSE

Engineering (Electrical Systems), BSE

Engineering (Automotive Systems), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (EGR 593)

Required Core (9 credit hours)
EGR 520 Engineering Analysis I (3)
EGR 522 Statistics for Quality Control in Manufacturing (3)
EGR 530 Principles of Systems Engineering (3)

Electives (15-21 credit hours)

Culminating Experience (0-6 credit hours)
EGR 593 Applied Project (3)
EGR 599 Thesis (6)
portfolio (0)

Additional Curriculum Information
Students can complete six credit hours of a thesis, three credit hours of an applied project, or a portfolio. The portfolio option is a collection of accomplishments and reflects learning over time. The portfolio is a place to record, explore and reflect on the academic-professional journey, and it can serve many different audiences.

Elective coursework credit hours vary depending on the student's culminating experience. Students should contact the department for an approved list of elective coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in clean energy systems, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admission application and application fee
• official transcripts
• professional resume
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information:
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

In the written statement, the applicant must include an introduction, share goals and explain why they decided to pursue graduate education.

Letters of recommendation should come from professors, managers, supervisors or professional associates.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for opportunities in the diverse industries of alternative and renewable energy systems, power electronics and automotive technologies. They can work in large corporations and small businesses, conduct research at government agencies such as Oak Ridge National Laboratory or the National Renewable Energy Laboratory, or go on to graduate school to pursue advanced degrees.

Graduates are prepared to go into the fields of:

battery and fuel cell system design and integration
electric and autonomous vehicle design
renewable systems engineering --- design, integration
renewable systems or technologies engineering --- validation, operation and maintenance, evaluation, quality, testing
solar microinverter manufacturing engineering

With the emphasis on design and project-based learning of various clean energy systems, the program supports an entrepreneurial spirit, and some graduates start companies of their own.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/
polygrad@asu.edu
480-727-1874

Clean Energy Systems, PHD (ESCESPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Doctor of Philosophy in clean energy systems is a research-driven program designed to develop the next generation of leaders and innovators in the rapidly evolving clean energy systems sector around the world. This interdisciplinary program offers a unique opportunity to address the world's most pressing energy challenges by

focusing on sustainable, renewable and efficient energy solutions. Students engage in advanced studies that combine engineering, environmental science and policy to create systems that reduce carbon footprints, enhance energy efficiency and promote global sustainability. Students gain fundamental clean energy knowledge and problem-solving skills while participating in transformative research in technology and systems design. With access to state-of-the-art laboratories, industry partnerships and expert faculty, students may complete coursework in solar photovoltaics, hydrogen, energy storage technologies, power electronics, and connected and automated vehicles.

Whether the goal is to advance technological innovations or shape energy policies, the PhD program in clean energy systems prepares students to be key players in the global transition to clean energy. Graduates are equipped to excel in academic, governmental and private sectors, contributing to a cleaner, more sustainable future.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, an oral comprehensive exam, a written comprehensive exam, a prospectus and a dissertation

Required Core (9 credit hours)
EGR 602 Principles of Independent Research (3)
EGR 603 Advanced Clean Energy Systems (3)
EGR 604 Modeling and Simulation of Clean Energy Systems (3)

Restricted Electives (6 credit hours)

Foundations (3 credit hours)
ALT 515 Alternative Energy Reliability and Standards (3)
ALT 535 Applied Photovoltaics (3)
EGR 538 Batteries and Electric Vehicle Technologies (3)
EGR 560 Vehicle Dynamics and Control (3)
EGR 598 Special Topics (3)

Electives and Additional Research (42 credit hours)

Research (12 credit hours)
EGR 792 Research (12)

Culminating Experience (12 credit hours)
EGR 799 Dissertation (12)

Additional Curriculum Information

Restricted elective coursework must be approved by the research faculty supervisor and include one course from subjects ALT, EGR, EEE, RAS, MAE or CEE in the areas of energy conversion and storage, solar photovoltaics, power electronics, or electric and autonomous vehicles. Approved EGR 598 Special Topics options for the restricted electives requirement are Alternative Energy and Power Electronics for Transportation Electrification.

Elective coursework should be based on the doctoral student's research area. These courses must be chosen in consultation with the research faculty supervisor and should be designed to develop a depth of expertise in the research area of interest.

Foundation coursework should be selected in consultation with the program advisor. The approved topics for EGR 598 include Alternative Energy, Energy Efficiency of Connected and Automated Vehicles, Microgrid Design and Operations, and Power Electronics for Transportation Electrification.

Up to 24 credit hours of research is allowed on the plan of study. Students with research hours in excess of 12 will add these credit hours to their electives and additional research section of their plan of study.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used toward the electives and additional research requirement for this degree. If students do not have a previously awarded master's degree, this coursework is made up of electives to reach the required 84 credit hours.

Students require an override to enroll in EGR 799 and must have successfully completed the comprehensive exam prior to enrollment in EGR 799 Dissertation credit hours. Consideration can be made for EGR 799 enrollment for students planning to complete the comprehensive examination in that term with faculty supervisor approval.

Submission of a written dissertation prospectus and its oral defense are required. It is expected that the submission of a written dissertation prospectus and its oral defense will take place no later than the end of the fourth year.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in clean energy systems, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Global Launch (https://globallaunch.asu.edu/) at ASU offers an online alternative to standardized testing for

international students who are seeking admission to ASU but need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

The statement of purpose should include the applicant's background and life experiences, as well as cultural, geographical and educational opportunities or challenges. Additionally, it should include the applicant's motivation for pursuing the graduate program at ASU and clearly identify personal and professional goals. It should also expand on research interests, intentions regarding the clean energy systems PhD, and the applicant's life beyond ASU.

Contact information for recommenders qualified to address the applicant's academic potential is needed. The program recommends selecting references who can speak to the applicant's research capabilities and interest and commitment to clean energy systems. References may include current or former instructors, advisors, mentors, supervisors and colleagues. Applicants should ensure the selected people can effectively communicate their unique strengths, research capabilities and ability to succeed in the doctoral program.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Admission Services.

The clean energy systems program admits highly qualified candidates into the PhD degree, which is designed to support and empower doctoral students to pursue rigorous, interdisciplinary and original research in the alternative and renewable energy systems, power electronics and automotive systems areas. The PhD in clean energy systems is typically earned in four years beyond the Master of Science in engineering or other science disciplines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for opportunities in the diverse industries of alternative and renewable energy systems, power electronics and automotive technologies. They can work in large corporations, small businesses or various government agencies. Career examples within clean energy systems and technologies include:

bioenergy chemist
bioenergy engineer
fuel cell development engineer
mechanical engineer
power electronics engineer
power electronics systems integration research associate
wind energy engineer
solar microinverter manufacturing engineer

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/degrees/graduate-degrees/
polygrad@asu.edu
480-727-1874
Admission deadlines (https://admission.asu.edu/apply/graduate/admission)

Computer Engineering (Computer Systems), MS (ESCENCMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science in computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences. Students can take courses and participate in projects across two schools and among the core areas.

The program is intended for students who want to gain knowledge deeper than that provided at the bachelor's degree level, and sufficient for designing and implementing state-of-the-art systems in industrial research and development positions. The program is also appropriate for students contemplating future doctoral study and those who wish to gain experience in research.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science, BS

Computer Systems Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)
EEE 554 Probability and Random Processes (3)

Electives (18 or 24 credit hours)

Culminating Experience (0 or 6 credit hours)
CEN 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
This program has a thesis and a nonthesis option for the culminating experience. Students in the nonthesis option take 24 credit hours of electives, and students in the thesis option take only 18 credit hours to reach the 30 credit hour requirement. Electives are selected in consultation with the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or equivalent or a master's degree from a regionally accredited college or university of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of their current residency.

Letters of recommendation are optional.

The personal statement should indicate professional goals and reasons for desiring to enroll in the program.

Depending on an applicant's prior academic preparation and accomplishments, it is recommended that students consider taking the following courses to ensure adequate background preparation:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
EEE 203 Signals and Systems I
EEE 335 Analog and Digital Circuits
EEE 350 Random Signal Analysis
MAT 243 Discrete Mathematical Structures
MAT 265 Calculus for Engineers I
MAT 266 Calculus for Engineers II

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in computer engineering are able to analyze and synthesize key theories and methods used in the field of computer engineering. These graduates can apply new theories, methods and designs that can advance the field of computer engineering. More specifically, computer engineering program graduates have the skills to advance the design, system integration, testing, evaluation and deployment of state-of-the-art hardware and

software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

These skills can be applied in high-demand growth areas such as autonomous systems and robotics; distributed, dependable and secure systems; and embedded systems for media processing and communications.

Master's degree program graduates may work under the direction of scientists and engineers who hold doctorates in high-tech lab settings, assisting in developing innovative products and systems that require strong foundational knowledge in the underlying sciences and the ability to synthesize and analyze engineering principles as they relate to the development of new computer engineering technology.

Career examples include:

computer hardware engineer
computer systems engineer
systems software engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://cen.engineering.asu.edu/
SCAI.Grad.Admission@asu.edu
480-965-3199
Admission deadlines (https://cen.engineering.asu.edu/admissions/)

Computer Engineering (Computer Systems), PHD (ESCENCPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences. Students can take courses and participate in projects across two schools and among the core areas.

The program in computer engineering with a concentration in computer systems is intended for students with excellent ability in mathematics and physical science who are interested in gaining an in-depth knowledge of the foundational principles of engineering and wish to pursue a career in academia, research or highly technical entrepreneurial innovation.

This PhD program provides broader and more in-depth preparation than the Master of Science programs, in anticipation of a demonstrated ability to independently pursue more creative and substantive innovation with higher impact.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)
EEE 554 Probability and Random Processes (3)

Concentration (9 credit hours)

Focus Area Electives (3 credit hours)

Technical Electives (30 credit hours)

Research (24 credit hours)
CEN 792 Research (24)

Culminating Experience (12 credit hours)
CEN 799 Dissertation (12)

Additional Curriculum Information
Concentration, focus area and technical elective courses are selected in consultation with the academic unit.

The concentration and focus area course lists are located on the computer engineering website, and students need to meet the following requirements: at least nine credit hours of graduate-level coursework in computer engineering (CEN) or computer science (CSE), and at least three credit hours of graduate-level coursework in electrical engineering (EEE) or computer engineering.

This program requires a qualifying exam. Students should see the academic unit for information on timeline and satisfactory progress standards.

Students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral interactive plan of study with approval of the program and supervisory committee and the dean of the Graduate College.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited institution of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• personal statement
• three letters of recommendation
• official transcripts

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The TOEFL is required for an applicant whose native language is not English.

Letters of recommendation are optional.

The personal statement should explain the applicant's professional goals and reasons for the desire to enroll in the doctoral program.

Depending on prior academic preparation and accomplishments, it is recommended that the student consider taking the following courses to ensure adequate background preparation:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
EEE 203 Signals and Systems I
EEE 335 Analog and Digital Circuits
EEE 350 Random Signal Analysis
MAT 243 Discrete Mathematical Structures
MAT 265 Calculus for Engineers I
MAT 266 Calculus for Engineers II

Students should see the program website for application details.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates from the doctoral program in computer engineering are able to analyze and synthesize key theories and methods used in the field of computer engineering. These graduates can generate and evaluate new theories, methods and designs that can advance the field of computer engineering. More specifically, computer engineering program graduates have the skills to advance the design, system integration, testing, evaluation and deployment of the state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing, and actuation.

These skills can be applied in high-demand growth areas, such as autonomous systems and robotics; distributed, dependable and secure systems; and embedded systems for media processing and communications. Career examples include:

computer engineering professor
computer engineering researcher
computer hardware engineer
computer systems engineer
systems software engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://cen.engineering.asu.edu/
SCAI.Grad.Admission@asu.edu
480-965-3199
Admission deadlines (https://cen.engineering.asu.edu/admissions/)

Computer Engineering (Electrical Engineering), MS (ESCENEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences. Students can take courses and participate in projects through this transdisciplinary program that spans two schools and encompasses several core areas.

The Master of Science program in computer engineering with a concentration in electrical engineering is intended for students who want to gain knowledge deeper than that provided at the bachelor's degree level. Students are prepared to design and implement state-of the-art systems in industrial research and development positions, and they learn to analyze and synthesize key theories and methods used in the field of computer engineering.

The program is also appropriate for students who are contemplating future doctoral study and for those who want to gain experience in research.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Electrical Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)
EEE 554 Probability and Random Processes (3)

Electives (18-24 credit hours)

Culminating Experience (0-6 credit hours)
CEN 599 Thesis (6) or
Portfolio (0)

Additional Curriculum Information
This program has a thesis and a nonthesis option for the culminating experience. Students in the nonthesis option take

24 credit hours of electives, and students in the thesis option take only 18 credit hours to reach the 30 credit hour requirement. Electives are selected in consultation with the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a master's degree from a regionally accredited college or university of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• three letters of recommendation (optional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency via a TOEFL (taken in a testing center) score regardless of their current residency.

The personal statement should indicate professional goals and reasons for applying to the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in computer engineering are able to apply new theories, methods and designs that can advance the field of computer engineering. More specifically, program graduates have the skills to advance the design, system integration, testing, evaluation and deployment of state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

These skills can be applied in high-demand growth areas, such as autonomous systems and robotics, and distributed, dependable and secure systems, as well as in embedded systems for media processing and communications.

Career examples include:

computer engineering professor
computer engineering researcher
computer hardware engineer
computer systems engineer
systems software engineer

Graduates may work in high-tech lab settings under the direction of scientists and engineers who hold doctorates, assisting in developing innovative products and systems. Such positions require strong foundational knowledge in the underlying sciences and the ability to synthesize and analyze engineering principles as they relate to the development of new computer engineering technology.

Contact information

Electrical Engineering Program | GWC 209
https://cen.engineering.asu.edu
askee@asu.edu
480-965-3424
Admission deadlines (https://cen.engineering.asu.edu/admissions/)

Computer Engineering (Electrical Engineering), PHD (ESCENEPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in computer engineering is a transdisciplinary program that builds on the fundamentals of electrical engineering, computer science, applied mathematics and physical sciences. Students can take courses and participate in projects across two schools and among the core areas.

The program in computer engineering with a concentration in electrical engineering is intended for students with excellent ability in mathematics and physical science who are interested in gaining an in-depth knowledge of the foundational principles of engineering and wish to pursue a career in academia, research or highly technical entrepreneurial innovation.

This PhD program provides broader and more in-depth preparation than the Master of Science programs in anticipation of a demonstrated ability to independently pursue more creative and substantive innovation with higher impact.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
CSE 551 Foundations of Algorithms (3)
EEE 554 Probability and Random Processes (3)

Concentration (9 credit hours)

Focus Area Electives (3 credit hours)

Technical Electives (30 credit hours)

Research (24 credit hours)
CEN 792 Research (24)

Culminating Experience (12 credit hours)
CEN 799 Dissertation (12)

Additional Curriculum Information
Concentration, focus area and technical elective courses are selected in consultation with the academic unit.

The concentration and focus area course lists are located on the computer engineering website and need to meet the following requirements: at least nine credit hours of graduate-level coursework in electrical engineering (EEE XXX) or computer engineering (CEN XXX); and at least three credit hours of graduate-level coursework in computer engineering or computer science (CSE XXX).

This program requires a qualifying exam. Students should see the academic unit for information on timeline and satisfactory progress standards.

Students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral Interactive Plan of Study with approval of the program and supervisory committee and the dean of the Graduate College.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited institution of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum GPA of 3.50 (scale is 4.00 = "A") in the MS or MSE coursework for acceptance into the doctoral program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates from the doctoral program in computer engineering are able to analyze and synthesize key theories and methods used in the field of computer engineering. They can generate and evaluate new theories, methods and designs that can advance the field of computer engineering. More specifically, program graduates have the knowledge and skills they need to fundamentally advance and develop new paradigms for the design, system integration, testing, evaluation and deployment of the state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

These skills can be applied in high-demand growth areas, such as autonomous systems and robotics; distributed, dependable and secure systems; as well as in embedded systems for media processing and communications. Career examples include:

computer engineering professor
computer engineering researcher
computer hardware engineer
computer systems engineer
systems software engineer

Contact information

Electrical Engineering Program | GWC 209
https://cen.engineering.asu.edu
askee@asu.edu
480-965-3424
Admission deadlines (https://cen.engineering.asu.edu/admissions)

Computer Science (Big Data Systems), MCS (ESCSEBDMCS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

Program description

This concentration within the Master of Computer Science degree program is designed for graduate students who want to pursue a thorough education in the area of big data systems.

Students acquire the knowledge, skills and expertise needed to design scalable systems (parallel, distributed and real time) that acquire, store, process and access large-scale heterogeneous multisource data, and they learn to use analytical tools to mine information from the data.

Graduates are able to choose and deploy the appropriate data management processing and analysis systems with a suitable structured or unstructured data model that a particular task and domain application needs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 511 Data Processing at Scale (3)
CSE 575 Statistical Machine Learning (3)
CSE 578 Data Visualization (3)

Restricted Electives (6 credit hours)

Electives (6 credit hours)

Additional Curriculum Information
This master's degree is a course-based program. Students should see the academic unit for the list of courses approved for electives and each core area in applications, foundations and systems.

Coursework selected as part of the area core may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30. The concentration coursework cannot be used as part of the area core on the same plan of study. Students must complete concentration course requirements as listed and complete different coursework for each of the core areas in applications, foundations and systems.

At least 24 of these hours must be CSE 5XX credits at ASU. A maximum of four CSE 598 courses may be allowed as elective coursework. Up to six credit hours of 400-level courses may be applied to the plan of study. All 30 credit hours must be from formal coursework. CSE 590 is not allowed as part of the MCS program plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
• graduate admission application and application fee

• official transcripts
• statement of purpose or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the TOEFL iBT, 7 on the IELTS or 115 on the Duolingo English test regardless of their current residency.

Before applying to the MCS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

Students assigned any additional admission requirements courses upon admission must complete those classes with a grade of "C" (scale is 4.00= "A") or higher within two semesters of admission to the program. Additional admission requirements courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-big-data/) for program descriptions and to request more information.

Career opportunities

Graduates who complete the MCS program are able to analyze key theories, algorithms and software modules used in the field of computer science.

Career examples include:

computer network architect
computer system analyst
computer systems engineer
data scientist or engineer
machine learning, artificial intelligence computer vision engineer
software developer
software engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
On Campus: SCAI.Grad.Admission@asu.edu
ASU Online: mcsonline@asu.edu
480-965-3199

Computer Science (Big Data Systems), MS (ESCSEBDMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The big data systems concentration within the Master of Science degree program in computer science is designed for graduate students who want to pursue a thorough education in the area of big data systems. The program has a thesis and nonthesis project portfolio option.

This concentration provides students with knowledge, skills and advanced research expertise in designing scalable systems (parallel, distributed and real-time) for acquiring, storing, processing and accessing large-scale heterogeneous multisource data and in using analytical tools to mine information from the data.

Graduates are able to choose and deploy the appropriate data management processing and analysis systems with a suitable structured or unstructured data model that a particular task and domain application needs.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (CSE 593)

COURSE-BASED OPTION

Required Core Areas (9 credit hours)
Applications (3)

Foundations (3)
Systems (3)

Concentration (9 credit hours)
CSE 510 Database Management System Implementation (3)
CSE 512 Distributed Database Systems (3)
CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)

Restricted Electives (6 credit hours)
CSE 515 Multimedia and Web Databases (3)
CSE 546 Cloud Computing (3)
CSE 573 Semantic Web Mining (3)
CSE 575 Statistical Machine Learning (3)
CSE 578 Data Visualization (3)

Electives (6 credit hours)

OPTIONS WITH CULMINATING EXPERIENCE

Required Core Areas (9 credit hours)
Applications (3)
Foundations (3)
Systems (3)

Concentration (9 credit hours)
CSE 510 Database Management System Implementation (3)
CSE 512 Distributed Database Systems (3)
CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)

Restricted Electives (6 credit hours)
CSE 515 Multimedia and Web Databases (3)
CSE 546 Cloud Computing (3)
CSE 573 Semantic Web Mining (3)
CSE 575 Statistical Machine Learning (3)
CSE 578 Data Visualization (3)

Electives (0 or 3 credit hours)

Culminating Experience (3 or 6 credit hours)
CSE 593 Applied Project (3) or
CSE 599 Thesis (6)

Additional Curriculum Information
The master's degree offers a course-based option.

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems. Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students may complete a thesis or an applied project as an optional culminating experience. Regardless of the curriculum option, all students in the program must complete six credit hours from the restricted electives list. Students in the course-based option must also take six credit hours of electives. Students who enjoy solving real-world problems and applying practical skills in professional settings may be drawn to the applied project option. Students in

the applied project experience must also take three credit hours of electives. Students with a strong interest in research and a desire to contribute original knowledge to their field may be well-suited for the thesis option.

Students who select the applied project as their culminating experience must complete their project at the direction of an approved computer science graduate faculty member and complete the project course with a "B" grade (3.00) or higher.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study for the nonthesis options.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Official TOEFL scores should be submitted from tests that must have been taken within the last two years (only required for those who did not graduate with a baccalaureate degree from an accredited U.S. institution). The TOEFL score must be valid on the first day of class for the term the student is applying for. The department requires a TOEFL iBT score above 90 or a minimum overall IELTS band score of 7.0.

All international records must be submitted in the original language, accompanied by an official English translation. If the student has attended a U.S. institution, one set of official transcripts from every college and university attended, except ASU, is required.

Before applying to the MS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

Students assigned any additional admission requirements courses upon admission must complete those classes with a grade of "C" or higher (scale is 4.00 = "A") within two semesters of admission to the program. Additional admission requirements courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms

CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are able to analyze and apply key theories, algorithms and software modules used in the field of computer science.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, artificial intelligence computer vision engineer
- software developer
- software engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Biomedical Informatics), MS (ESCSBIOIMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in computer science with a concentration in biomedical informatics is designed for graduate students who wish to perform research in topics such as genomics and computational systems biology.

The concentration is transdisciplinary in nature, providing preparation that integrates technological expertise in the information sciences, computer science, biosciences and statistics with an understanding of the clinical environment of the health care professional. The curriculum exposes computer science students to current issues in clinical practice as well as the use of information systems in health care settings.

Biomedical informatics has a key role to play in the transition to more effective and efficient health care through the use of knowledge and computer science principles.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (CSE 593)

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
BMI 502 Foundations of Biomedical Informatics Methods I (3)
BMI 601 Fundamentals of Health Informatics (3)
Select one course from the following:
BMI 505 Foundations of Biomedical Informatics Methods II (3)
BMI/CSE 507 Image Processing and Analysis (3)
BMI 517 Advanced Biostatistics for Biomedical Research and Health Care (3)
BMI 550 Translational Bioinformatics (3)
BMI 598 Topic: Knowledge Management and Engineering (3)
BMI 615 Human Factors Engineering for Biomedical Applications (3)
BMI 616 Clinical Decision Support and Evidence-based Medicine (3)

Electives or Research (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
CSE 593 Applied Project (3)
CSE 599 Thesis (6)

Additional Curriculum Information
Students focus their research in one of the following areas: bioinformatics, biomedical informatics, clinical informatics, imaging informatics or public health informatics. Students complete nine credit hours of BMI concentration courses selected in consultation with the student's graduate advisor.

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems. Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students who select the applied project as their culminating experience must complete their project at the direction of an approved computer science faculty member and complete the project course with a "B" grade (scale is 4.00 = "A") or higher.

Students complete a minimum of 30 credit hours for the program. At least 21 of these credit hours must be 500-level CSE courses at ASU.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the TOEFL iBT, 7 on the IELTS or 115 on the Duolingo English test, regardless of current residency.

Before applying to the MS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

Students assigned any additional coursework upon admission must complete those classes with a grade of "C" or higher (scale is 4.00 = "A") within two semesters of admission to the program. These courses may include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in computer science with a concentration in biomedical informatics are able to analyze and apply key theories, algorithms and software modules used in the field of computer science.

Career examples include:

- biomedical researcher
- computer network architect
- computer systems analyst
- computer systems engineer
- data scientist or engineer
- machine learning, artificial intelligence computer vision engineer
- software developer
- software engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Cybersecurity), MCS (ESCSEIMCS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

Program description

The Master of Computer Science with a concentration in cybersecurity is an advanced degree program designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance; students with an undergraduate education in computing and related disciplines; and students employed in industry who can best profit from further breadth and background in computer science and information assurance.

This concentration program provides students with the knowledge and skills in science and engineering pertaining to cybersecurity, including computer and network security, software security, data and information security, applied cryptography and computer forensics.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

Cybersecurity courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Electives (12 credit hours)

Additional Curriculum Information
This master's degree is a course-based program. Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Coursework selected as part of the area core may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total credit hours of their plan of study are equal to 30.

The concentration coursework cannot be used as part of the area core on the same plan of study. Students must complete concentration course requirements as listed and complete different coursework for each of the core areas in applications, foundation and systems.

The interactive plan of study must contain a minimum of 30 credit hours of approved graduate-level work. At least 24 of these hours must be CSE 500-level credits at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study. All 30 credit hours must be from formal coursework (including CSE 591). CSE 590 is not allowed as part of the MCS program plan of study.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the TOEFL iBT, 7 on the IELTS or 115 on the Duolingo English test, regardless of current residency.

Before applying to the MCS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

Students assigned any additional admission requirements courses upon admission must complete those classes with a grade of "C" or higher (scale is 4.00 = "A") within two semesters of admission to the program. Additional admission requirements courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/computer-science-cybersecurity-mcs/) for program descriptions and to request more information.

Career opportunities

Students completing the MCS program are able to analyze key theories, algorithms and software modules used in the field of computer science. Graduates have a competitive advantage in securing employment.

Career examples include:

computer network architect
computer system security analyst
computer systems engineer
data scientist or engineer
machine learning, artificial intelligence or computer vision engineer
software developer
software engineer

Contact information

Computer Science and Engineering Program | PICHO 245
https://scai.engineering.asu.edu/graduate-computer-science/
On Campus: SCAI.Grad.Admission@asu.edu
ASU Online: mcsonline@asu.edu
480-965-3199

Computer Science (Cybersecurity), MS (ESCSEIAMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in computer science with a concentration in cybersecurity is designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance. This program offers a thesis and nonthesis project portfolio option.

This concentration program provides students with the knowledge and skills needed in science and engineering for cybersecurity. This includes computer and network security, software security, data and information security, applied cryptography and computer forensics.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information, students can visit the Cybersecurity and Trusted Foundations (https://ctf.asu.edu/) website.

Cybersecurity courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option, or
30 credit hours and a thesis, or
30 credit hours and the required applied project course (CSE 593)

COURSE-BASED OPTION

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Electives or Research (12 credit hours)

OPTIONS WITH CULMINATING EXPERIENCE

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Electives or Research (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
CSE 593 Applied Project (3) or
CSE 599 Thesis (6)

Additional Curriculum Information
The master's degree offers a course-based option.

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students may complete a thesis or applied project as an optional culminating experience. Regardless of the culminating experience chosen, all students in the program must complete six credit hours from the approved list of electives. Students completing the course-based option take 12 credit hours of electives. Students who enjoy solving real-world problems and applying practical skills in professional settings may be drawn to the applied project option. Students in the applied project experience must also take nine credit hours of electives. Students who select the applied project as their culminating event must complete their project under the direction of an approved computer science faculty member and complete the project course with a "B" grade (scale is 4.00 = "A") or higher. Students with a strong interest in research and a desire to contribute original knowledge to their field may be well-suited for the thesis option. Research credit hours may be included on the plan of study if the student is completing a thesis. Students should see the academic unit for more information.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply for the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the

TOEFL iBT, 7.0 on the IELTS or 115 on the Duolingo English test, regardless of current residency.

Before applying to the MS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

Students assigned any additional requirements courses upon admission must complete those classes with a grade of "C" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Additional requirements courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates who complete the MS program in computer science are able to analyze and apply key theories, algorithms and software modules used in the field of computer science. They are also able to evaluate and advance existing theories, algorithms and software modules in the field of computer science. Graduates have a competitive advantage in securing employment.

Career examples include:

- computer network architect
- computer systems analyst
- computer systems security engineer
- data scientist or engineer
- machine learning, artificial intelligence or computer vision engineer
- software developer
- software engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Cybersecurity), PHD (ESCSEIAPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The PhD program in computer science with a concentration in cybersecurity is designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance.

The goal of this concentration is to provide students with the knowledge and skills in science and engineering for cybersecurity, including applied cryptography, computer and network security, computer forensics, data and information security and software security.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships, such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information, students can visit the Cybersecurity and Trusted Foundations (https://ctf.asu.edu/) website

ASU is certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Research (18 credit hours)
CSE 792 Research (18)

Electives and Additional Research (36 credit hours)

Culminating Experience (12 credit hours)
CSE 799 Dissertation (12)

Additional Curriculum Information

Courses that are used to satisfy the core area requirement cannot be used to satisfy electives or other requirements. A grade of "B" or better is required for core courses.

18 credit hours of CSE 792 Research are required, and up to 54 credit hours are allowed on the plan of study. Students with research credit hours in excess of 18 add these credit hours to their electives and additional research.

Electives include:

• additional CSE 792 Research credit hours (up to 36 credit hours allowed beyond the required 18)
• computer science courses of which up to 18 credit hours of CSE 590 and CSE 790: Reading and Conference is allowed
• up to six credit hours of interdisciplinary electives in other academic units that are subject to program chair approval

When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

A maximum of three credit hours of 400-level coursework may be applied on the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from every university attended
• three letters of recommendation
• a statement of purpose
• curriculum vitae or resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

GRE scores are optional.

If the student is assigned any deficiency coursework upon admission, those classes must be completed with a grade of "C" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems

CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with a doctorate in computer science are able to analyze, understand and apply key theories and algorithms used in the field of computer science. They are also able to generate and evaluate new theories, algorithms and software modules that can advance the field of computer science. Graduates have a competitive advantage when it comes to securing employment.

Career examples include:

- computer science researcher
- computer science security professor
- data scientist engineer
- machine learning, AI or computer vision engineer
- machine learning, AI or computer vision scientist

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Media Arts and Sciences), MS (ESAMECSMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in computer science with a concentration in media arts and sciences emphasizes research on the integration of the human physical experience with computation and digital media.

Media arts and sciences researchers produce experiential media systems and models that assist the disadvantaged, empower creativity, enhance scientific discovery, evolve human ability, facilitate learning and improve quality of life. Within these application areas, researchers explore experiential construction, interaction and feedback, knowledge creation, sensing, perception and modeling.

The purpose of the media arts and sciences concentration under the master's degree in computer science is to train hybrid engineering-arts graduates who get their inspiration from the arts and their methodology from computer science and engineering. Students specialize in transdisciplinary media development. More information about the media arts and sciences concentration can be found on the School of Arts, Media and Engineering (https://artsmediaengineering.asu.edu/) website.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-

students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours and the required applied project course (CSE 593)

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Concentration (9 credit hours)
AME 511 Advanced Interactive Sound (3)
AME 515 Machine Vision and Pattern Recognition (3)
AME 520 Movement and Computing (3)
AME 532 Creating Interactive Media (3)
AME 534 Machine Learning for Media Arts (3)
AME 535 Mobile Development (3)
AME 551 Designing Extended-reality Experiences (3)
AME 570 Programming for Social and Interactive Media (3)

Electives or Research (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
AME 599 Thesis (2) and
CSE 599 Thesis (4) or
CSE 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Students complete nine credit hours of media arts and sciences concentration courses selected in consultation with the student's graduate advisor. Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students complete a thesis or an applied project for their culminating experience. Students completing the thesis must earn six credit hours of electives, and students completing the applied project must earn nine credit hours of electives. Students who select the applied project must complete their project at the direction of an approved computer science faculty member and complete the project course with a "B" (3.00 on a 4.00 scale) or higher.

Students complete a minimum of 30 credit hours for the program. At least 19 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT, 7 on the IELTS or 115 on the Duolingo English test regardless of their current residency.

Before applying to the MS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

The statement of purpose must address the transdisciplinary nature of the media arts and sciences program. Applicants should explain in a concise and persuasive manner how their educational, professional and personal experiences inform their research and creative interests, writing on any aspect of their background that supports candidacy to the program. For further information on how this statement can be expanded upon by students interested in a research assistantship or an integrative graduate education and research traineeship within media arts and sciences, students should visit the School of Arts, Media and Engineering (https://artsmediaengineering.asu.edu/) website. Students should submit a curriculum vitae with the statement of purpose.

Students assigned any additional admission requirements courses upon admission must complete those classes with a grade of "C" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Additional requirements courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

This program can provide graduates with career opportunities in the following areas:

artificial intelligence, machine learning and statistical modeling
big data and data mining
computational biology
computer design and architecture, including non-volatile memory computing
computer system security, cybersecurity and cryptography
cyber-physical systems and Internet of Things
distributed computing and consensus protocols
networking and computer systems
novel computing paradigms (e.g., biocomputing, quantum computation)
social computing
theory and algorithms
visualization and graphics

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science (Media Arts and Sciences), PHD (ESAMECSPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

This program's name has changed effective Fall 2024. The previous name was Computer Science (Arts, Media and Engineering).

Program description

The PhD program in computer science with a concentration in media arts and sciences emphasizes research on the integration of the human physical experience with computation and digital media. Media arts and sciences researchers produce experiential media systems and models that assist the disadvantaged, empower creativity, enhance scientific discovery, evolve human ability, facilitate learning and improve quality of life. Within these application areas, researchers explore experiential construction, interaction and feedback, knowledge creation, sensing, perception and modeling.

The program's purpose is to train hybrid engineering-arts students who get their inspiration from the arts and their methodology from computer science and engineering. Students specialize in transdisciplinary media development.

More information about the media arts and sciences concentration can be found on the School of Arts, Media and Engineering (https://artsmediaengineering.asu.edu/) website.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Depth (3 credit hours)
three additional credit hours in one core area (3)

Concentration (9 credit hours)
Select three courses from the following list:
AME 511 Advanced Interactive Sound (3)
AME 515 Machine Vision and Pattern Recognition (3)
AME 520 Movement and Computing (3)
AME 532 Creating Interactive Media (3)
AME 535 Mobile Development (3)
AME 570 Programming for Social and Interactive Media (3)

Research (18 credit hours)
AME 792 Research (6)
CSE 792 Research (12)

Electives (33 credit hours)

Culminating Experience (12 credit hours)
AME 799 Dissertation (6)
CSE 799 Dissertation (6)

Additional Curriculum Information
Courses that are used to satisfy the core area requirement cannot be used to satisfy electives or other requirements. A grade of "B" or better is required for core courses.

12 credit hours of CSE 792 Research and six credit hours of AME 792 are required, and up to 51 credit hours are allowed on the plan of study. Students with research credit hours in excess of 18 add these credit hours to their electives and additional research.

Electives include:

• additional CSE 792 Research credit hours (up to 33 credit hours allowed beyond the required 18)

• computer science courses, of which up to 18 credit hours of CSE 590 and CSE 790 Reading and Conference is allowed

When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

A maximum of three credit hours of 400-level coursework may be applied to the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A" in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from every university attended
• three letters of recommendation
• a statement of purpose
• curriculum vitae or resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

The statement of purpose must fulfill any requirements defined by the Graduate College and also address the transdisciplinary nature of the media arts and sciences program. Applicants should explain in a concise and persuasive manner how their educational, professional and personal experiences inform their research and creative interests, writing on any aspect of their background that supports candidacy to the program. Further information on how this statement can be expanded upon by students interested in a research assistantship or an Integrative Graduate Education and Research Traineeship within media arts and sciences is available from the department. Students should submit a current curriculum vitae with the statement of purpose.

GRE scores are optional.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "C" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses commonly taken include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates who have received the doctorate in computer science with the media arts and sciences concentration are able to analyze, understand and apply key theories and algorithms used in the field of computer science. They are also able to generate and evaluate new theories, algorithms and software modules that can advance the field of computer science.

Career examples include:

arts, media and engineering professor or researcher
computer science professor or researcher
data scientist or engineer
machine learning, AI or computer vision engineer or scientist

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science, MCS (ESCOMSCMCS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

Program description

The Master of Computer Science program affords students employed in industry with the opportunity to seek a breadth of advanced education in computer science.

The program reflects the dual nature of computer science as a scientific and engineering discipline by allowing emphasis on theory as well as practical applications. Students can study topics such as:

• artificial intelligence
• big data and data mining
• cloud and distributed computing
• computer system security, cybersecurity and cryptography
• cyber-physical system and IoT
• imaging, graphics and visualization
• machine learning
• operating systems
• theory and algorithms
• simulation modeling and systems

Students build a project portfolio through the program to demonstrate the knowledge gained.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Electives (21 credit hours)

Additional Curriculum Information
This master's degree is a course-based program.

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Students choose 21 credit hours of elective coursework approved by their academic advisor. Coursework selected as part of the area core may not be used as elective coursework on the same plan of study.

At least 24 of these hours must be CSE 500-level credits at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study. All 30 credit hours must be from formal coursework. CSE 590 is not allowed as part of the MCS program plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose or a curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT, 7 on the IELTS or 115 on the Duolingo English test, regardless of current residency.

Before applying to the MCS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

Students assigned any additional coursework upon admission must complete those classes with a grade of "C" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Additional admission requirements courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/computer-science-mcs/) for program descriptions and to request more information.

Career opportunities

Graduates are able to analyze key theories, algorithms and software modules used in the field of computer science.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, AI or computer vision engineer
- software engineer
- software developer

Contact information

Computer Science and Engineering Program | PICHO 245
https://scai.engineering.asu.edu/graduate-computer-science/
On Campus: SCAI.Grad.Admission@asu.edu
ASU Online: mcsonline@asu.edu
480-965-3199

Computer Science, MS (ESCOMSCMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in computer science prepares students to undertake fundamental and applied research in computing.

The program welcomes motivated and dedicated students to work with world-class faculty on projects across the field of computing and augmented intelligence. Students may choose a thesis or nonthesis option as their culminating event. Students can study topics such as:

• artificial intelligence, machine learning and statistical modeling
• big data and data mining
• computational biology
• computer design and architecture, including nonvolatile memory computing
• computer system security, cybersecurity and cryptography
• cyber-physical systems, IoT and robotics
• distributed computing and consensus protocols
• networking and computer systems
• novel computing paradigms (e.g., biocomputing, quantum computation)
• social computing
• theory, algorithms and optimization
• visualization and graphics

Computer science is ideal for international students since it allows for up to three opportunities for students to take Curricular Practical Training while completing their degree.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science (Cybersecurity), BS

Computer Systems Engineering (Cybersecurity), BSE

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Computer Science (Software Engineering), BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option, or
30 credit hours and a thesis, or
30 credit hours and the required applied project course (CSE 593)

COURSE-BASED OPTION

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Electives (21 credit hours)

OPTIONS WITH CULMINATING EXPERIENCE

Required Core Areas (9 credit hours)
applications (3)
foundations (3)
systems (3)

Electives (15 or 18 credit hours)

Culminating Experience (3 or 6 credit hours)
CSE 593 Applied Project (3) or
CSE 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems. Courses selected as part of the core may not be used as other elective coursework on the same plan of study.

The master's degree offers a course-based option. Students in the course-based option take 21 credit hours of electives. Students may complete a thesis or applied project as an optional culminating experience. Students with a strong interest in research and a desire to contribute original knowledge to their field may be well-suited for the thesis option. Students in the thesis option take 15 credit hours of electives. Electives must be courses in a chosen research area and approved by the student's academic advisor. Up to six credit hours can be independent study in CSE 590 Reading and Conference. Students who enjoy solving real-world problems and applying practical skills in professional settings may be drawn to the applied project option. Students in the applied project take 18 credit hours of electives. Students should see the academic unit for additional information and requirements.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Before applying to the MS program in computer science, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II. Discrete math is also recommended prior to admission.

Students assigned any additional coursework upon admission must complete those classes with a grade of "C" (scale is 4.00 = "A") or higher within two semesters of admission to the program. These courses may include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Students who complete the MS program in computer science are able to analyze key theories, algorithms and software modules used in the field of computer science. The program prepares them to pursue careers in research and education, including academia, government and industry.

Career examples include:

- computer network architect
- computer system analyst
- computer systems engineer
- data scientist or engineer
- machine learning, AI or computer vision engineer

software developer
software engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Computer Science, PHD (ESCOMSCPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The PhD program in computer science prepares students to undertake fundamental and applied research in computer science. The program is available for those of high ability who seek to develop and implement their own research studies.

Students pursuing the doctorate in computer science learn to analyze, understand and apply key theories and algorithms used in the field and to generate and evaluate new theories, algorithms and software modules that can advance the field of computer science.

The program provides students with research opportunities in a wide variety of areas, including:

• artificial intelligence, machine learning and statistical modeling
• big data and data mining
• computational biology
• computer design and architecture, including nonvolatile memory computing
• computer system security, cybersecurity and cryptography
• cyber-physical systems and Internet of Things (commonly abbreviated as IoT), and robotics
• distributed computing and consensus protocols
• networking and computer systems
• novel computing paradigms (e.g., biocomputing, quantum computation)
• social computing
• theory, algorithms and optimization
• visualization and graphics

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core Areas (9 credit hours)
applications (3)

foundations (3)
systems (3)

Depth (3 credit hours)
three additional credit hours in one core area (3)

Research (18 credit hours)
CSE 792 Research (18)

Electives and Additional Research (42 credit hours)

Culminating Experience (12 credit hours)
CSE 799 Dissertation (12)

Additional Curriculum Information
Courses that are used to satisfy the core area requirement cannot be used to satisfy electives or other requirements. A grade of "B" or better is required for core courses.

Eighteen credit hours of CSE 792 Research are required, and up to 54 credit hours are allowed on the plan of study. Students with research credit hours in excess of 18 add these credit hours to their electives and additional research.

Electives include:

• additional CSE 792 Research credit hours (up to 36 credit hours allowed beyond the required 18)
• computer science courses, of which up to 18 credit hours of CSE 590 and CSE 790: Reading and Conference are allowed
• up to six credit hours of interdisciplinary electives in other academic units that are subject to program chair approval

When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

A maximum of three credit hours of 400-level coursework may be applied to the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from every university attended
• three letters of recommendation

• a statement of purpose
• curriculum vitae or resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

Submission of GRE scores is optional.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "C" or higher (scale is 4.00 = "A") within two semesters of admission to the program. Deficiency courses commonly taken include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to pursue careers in research and education, including academia, government and industry.

Career examples include:

computer science professor or researcher
data scientist or engineer
machine learning, AI or computer vision scientist or engineer

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-computer-science/
SCAI.Grad.Admission@asu.edu
480-965-3199

Construction Engineering, MSE (ESCONEMSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science in Engineering in construction engineering is a transdisciplinary degree program that encompasses the areas of geotechnical engineering, structural engineering, transportation engineering, construction engineering and management-related topics.

This focus on a combination of design and management prepares the student for a career at the interface of design

and construction. Students who are interested in a career emphasizing construction of infrastructure find this program especially desirable.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civil Engineering, BSE

Construction Engineering, BSE

Civil Engineering (Sustainable Engineering), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option

Structures Core Area (3 credit hours)
CEE 521 Stress Analysis (3) or
CEE 536 Structural Dynamics for Civil Engineering (3)

Geotechnical Core Area (3 credit hours)
CEE 552 Soil Improvement (3) or
CEE 553 Advanced Soil Mechanics (3)

Transportation Core Area (3 credit hours)
CEE 511 Pavement Analysis and Design (3) or
CEE 512 Pavement Performance and Management (3) or
CEE 583 Topic: Highway Materials, Construction and Quality (3)

Electives (21 credit hours)

Additional Curriculum Information
This program is a course-based master's degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering or other closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A student whose undergraduate degree is not in civil or construction engineering is required to take appropriate undergraduate courses to establish a base of knowledge in the discipline. These additional courses required for admission to the graduate degree programs are specified at the time of admission and details can be obtained on the graduate studies section of the program's website.

Applicants with an undergraduate GPA lower than 3.00 (scale is 4.00 = "A") may be provisionally admitted at the discretion of the admission committee.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

With a strong background in design and management, the construction engineering graduate is prepared to begin a career in the engineering and construction industry as a field engineer, project engineer or project designer working for:

construction companies
design firms
facility owners
materials suppliers
specialty subcontractors

Contact information

Construction Engineering | HLMK 437
https://ssebe.engineering.asu.edu/graduate/construction-eng/
sebe.advising@asu.edu
480-965-0595

Construction Management and Technology, MS (ESCONSTMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The transdisciplinary Master of Science program in construction management and technology enables students with a bachelor's degree in construction or a related field such as architecture, business or engineering to broaden and improve their professional capabilities in construction. This meets the growing need for professionals with advanced technical, management and applied research skills in the construction industry.

The program enables a candidate's plan of study to reflect individual interests and career goals. Courses are offered in several areas, so students have options to tailor their degree to their interests:

• commercial and residential areas
• construction management --- project, program and company
• facilities management --- maintenance, operation, renovation or decommissioning of existing facilities
• heavy construction --- infrastructure development
• specialty construction

This program is facilitated by the faculty of the Del E. Webb School of Construction.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Construction Management and Technology, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours and a written comprehensive exam, or
30 credit hours including the required applied project course (CON 593), or
30 credit hours including the required capstone course (CON 597)

Required Core (6 credit hours)

Project Management and Controls Core Area (3 credit hours)
CON 502 Front-end Planning (3)
CON 530 Facilities Operations and Maintenance (3)
CON 532 Facilities Project Management (3)
CON 534 Retrofit Construction (3)
CON 540 Construction Productivity (3)
CON 541 Public Works Capital Construction (3)
CON 545 Construction Project Management (3)
CON 548 Sustainable Construction (3)
CON 551 Project Delivery Methods (3)
CON 557 Principles of Leadership for Project Managers (3)

CON 567 Advanced Procurement Systems (3)
CON 589 Construction Company Financial Control (3)

Construction Technology Core Area (3 credit hours)
CON 508 Engineering and Construction Failures (3)
CON 509 Advanced Concrete Materials (3)
CON 510 Sustainable Bio-based Construction (3)
CON 531 Facility Management: Building Energy Management (3)
CON 554 Trenchless Construction Methods (3)
CON 570 Introduction to Advanced Technology Facilities (3)
CON 571 Construction of Advanced Technology Facilities (3)
CON 575 Information Technology in Construction (3)

Electives or Research (18-24 credit hours)

Culminating Experience (0-6 credit hours)
CON 593 Applied Project (3)
CON 597 Graduate Capstone in Construction (3)
CON 599 Thesis (6)
written comprehensive exam (0)

Additional Curriculum Information
Students choose one three-credit-hour course from each of the core areas listed above for a total of six credit hours. If a course is chosen as a core area course, it cannot be used as an elective course simultaneously.

The number of electives and research is adjusted depending on the culminating experience chosen by the student.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current resume
• an evaluation of the student's academic and professional background
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency by meeting the Graduate College English proficiency requirements regardless of their current residency.

Applicants required to demonstrate English proficiency and seeking a teaching assistantship must demonstrate

proficiency in spoken English, and a score of 55 or better on the Speaking Proficiency English Assessment Kit, or a score of 26 on the speaking portion of the TOEFL is required.

Applicants are expected to be competent in basic construction topics.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-construction-management/) for program descriptions and to request more information.

Career opportunities

Graduates of the construction management and technology program are well prepared for numerous types of careers, depending upon which subject area they focused their coursework:

commercial and residential --- real estate developers, commercial construction managers, managers and supervisors of health care and special industrial building projects or home production systems, and managers or supervisors of sustainable or green construction
construction management --- project managers, project engineers, estimators or schedulers who can eventually become principals of firms engaged in the construction of industrial, commercial or residential projects
facilities management --- managers who supervise the maintenance, operation, renovation or decommissioning of existing facilities
heavy construction --- supervisors of the construction and maintenance of public works such as highways, airports, bridges, utility systems, and water or waste treatment facilities
specialty construction --- organizers, leaders and managers of the building process at the subcontractor or contractor level working with mechanical and electrical systems, and in management at specialty contracting firms, such as those who do work in control systems, electrical distribution or HVAC systems for large and complex facilities such as data centers, health care organizations and semiconductor manufacturing plants as well as commercial facilities

Contact information

Del E. Webb Construction | HLMK 437
https://ssebe.engineering.asu.edu/graduate/construction-mgmt/
sebe.advising@asu.edu
480-965-0595

Construction Management, PHD (ESCONPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Del E. Webb School of Construction has one of the top construction management doctoral programs in the United States. It provides a rigorous education and teaching environment for students seeking an advanced degree.

The Doctor of Philosophy program in construction management requires novel, independent research that broadly contributes to the construction management body of knowledge. Transdisciplinary research is often required because

of the nature of the topics studied. Students can focus their elective coursework in emphasis areas such as heavy construction, commercial and residential construction, and specialty construction.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

The doctoral program in construction typically requires three to four years of full-time study and research beyond the master's degree. Generally, students are admitted to the doctoral program at or near the completion of their master's degree.

The program requires 84 credit hours post-bachelor's degree or 54 credit hours post-master's degree.

The program consists of:
• core construction courses
• elective courses
• a qualifying examination
• a written and oral comprehensive examination
• admission to candidacy
• successful defense of a dissertation prospectus and complete dissertation

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a master's degree in construction, civil engineering, architecture, business or a related field from a regionally accredited institution. Only exceptional students are admitted without a master's degree. At the discretion of the admission committee, students from other disciplines also may be eligible. In addition, applicants are expected to be competent in construction topics.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• official GRE scores
• a current resume
• an evaluation of the student's academic and professional background
• master's degree thesis abstract
• personal statement

• research interests
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants who are required to demonstrate English proficiency and are seeking a teaching assistantship must demonstrate proficiency in spoken English; a score of 55 or higher on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Applicants must take the GRE and have their official scores sent directly to ASU Graduate Admission Services. ASU does not accept the GRE® General Test at home edition. More information regarding how to send official GRE scores can be found on the Graduate Admission Services website.

The personal statement should describe the applicant's career goals and research objectives.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the doctoral program have careers in architecture; engineering and construction industries; academia; and local, state and federal government. The program provides a foundation for those who wish to pursue careers as project managers, project engineers, estimators or schedulers and eventually become principals of firms engaged in the construction of industrial, commercial or residential projects.

The heavy construction emphasis area prepares graduates for careers related to public works, such as highways, airports, bridges, utility systems, and water or waste treatment facilities.

The commercial and residential emphasis prepares graduates for careers in real estate development, home production systems, commercial construction, and health care and special industrial building projects, and to enter the sustainable or green construction market.

The specialty construction emphasis prepares graduates for organization, leadership and management of the building process at the subcontractor level and for careers as contractors working with mechanical and electrical systems. This emphasis also prepares graduates for careers in management at specialty contracting firms, such as those that deal with control systems; electrical distribution; or heating, ventilation and air conditioning systems for large and complex facilities, including data centers, health care organizations and semiconductor manufacturing plants, as well as commercial facilities.

Contact information

Del E. Webb Construction | ECG 437
https://ssebe.engineering.asu.edu/graduate/construction-mgmt/
sebe.advising@asu.edu
480-965-0595

Data Science, Analytics and Engineering (Bayesian Machine Learning), MS (ESDSEBMLMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

This concentration in Bayesian machine learning within the Master of Science program in data science, analytics and engineering is offered in partnership with the School of Mathematical and Statistical Sciences. With its programs in statistics, applied mathematics and theoretical mathematics, the school is distinctly positioned to enable students to understand the statistical, probability and mathematical bases for the technical tools and emerging concepts in statistical and probabilistic machine learning and data science. The school also supports students' ability to collect, maintain, analyze, model and decide based on heterogeneous, time-dependent, noisy, biased, hierarchical and potentially large data sets.

Bayesian thinking is particularly suited to addressing the difficult issues associated with these high-dimension complex modeling challenges. Bayesian learning, decision-making and computation have made a significant impact on many areas of data science. Hierarchical modeling, time series analysis, ensemble modeling, spatial modeling and causal modeling are among the various areas of expertise covered by this program. Students can apply these tools in a variety of domains such as engineering, physics, biology, social sciences, economics and finance.

Students in this program perform Bayesian data analysis, modeling, remodeling, and decision-making in data-enriched environments. This includes the exploratory analysis of massive and complex data streams, Bayesian modeling and computing, data management, causal modeling, and inference and decision under uncertainty using Bayesian trees, neural networks and text modeling popular in industry and academia.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Data Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (FSE 570)

Required Core (9 credit hours)
Choose one from the following:

DSE 501 Statistics for Data Analysts (3), EEE 554 Probability and Random Processes (3), STP 501 Theory of Statistics I: Distribution Theory 3 (3) or HSE 530 Intermediate Statistics for Human Systems Engineering (3)

Choose one from the following:
CSE 511 Data Processing at Scale (3), CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database Management Systems (3)

Choose one from the following:
CSE 572 Data Mining (3)

CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (9 credit hours)

STP 502 Theory of Statistics (3)

STP 505 Bayesian Statistics (3)
STP 540 Computational Statistics (3)
STP 551 Time Series Analysis (3)

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
FSE 570 Data Science Capstone (3)
STP 599 Thesis (6)

Additional Curriculum Information
Students should consult the academic unit for a list of approved electives and concentration course requirements.

Courses selected for required core or concentration may not be used as elective coursework on the same plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT (taken in a testing center), 7 on the IELTS or 115 on the Duolingo English test.

All applicants must demonstrate relevant coursework or experience in the following three areas:

• familiarity with Matlab, Python, SQL, R, or other relevant programming skills (in the professional resume)
• undergraduate linear algebra (e.g., MAT 343 Applied Linear Algebra)
• undergraduate statistics or probability (e.g., IEE 380 Probability and Statistics for Engineering Problem Solving, STP 420 Introductory Applied Statistics, STP 421 Probability, EEE 350 Random Signal Analysis)

In addition, applicants without an undergraduate degree in computer science, computer engineering, software engineering, information technology, industrial engineering, operations research, statistics or a related computing field must show evidence (in the professional resume) of at least one of the following certifications or equivalent experience:

• AWS-certified cloud practitioner
• Google data analytics certificate
• Google IT support certificate

In addition, this concentration requires completion of a three credit hour course in linear algebra (equivalent to MAT 343 at ASU), which supersedes the second requirement above.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Statisticians and data scientists are consistently ranked among the top jobs in the USA. Applied statisticians with a strong background in Bayesian learning and decision can pursue opportunities in a variety of fields to collect and curate large and complex data related to business plans, model and communicate findings, and support rational decision making. Industries who hire people with data science skills include financial markets, central banks, pharmaceutical, semiconductor, communications, energy and power systems industries, as well as institutions such as the National Institutes of Health, Centers for Disease Control and Prevention, and National Oceanic and Atmospheric Administration.

Contact information

Electrical Engineering Program | WXLR A213
https://dsae.engineering.asu.edu/
grad.math@asu.edu
480-965-3951
Admission deadlines (https://ecee.engineering.asu.edu)

Data Science, Analytics and Engineering (Computational Mathematics and Data), MS (ESDSECMDMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

This program's name has changed effective Fall 2025. The previous name was Data Science, Analytics and Engineering (Computational Models and Data).

Program description

Data scientist is consistently ranked among the top jobs in the U.S., and there is an increasing need for applied mathematicians to make use of data science tools such as statistics, machine learning, artificial neural networks and artificial intelligence. Beyond the application of these tools, the fast-moving field of data science requires an

understanding of the mathematical background of the algorithms behind these tools and the mathematical concepts that make these tools useful.

The Master of Science program in data science, analytics and engineering with a concentration in computational mathematics and data provides an advanced education in high-demand data science and computational mathematical modeling. A focus on computational skills in optimization, machine learning, stochastic processes and dynamical systems is enhanced by mathematical modeling in all application areas that use large-scale data, including social sciences, astronomy, neuroscience, biosciences, engineering and epidemiology.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Data Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (FSE 570)

Required Core (9 credit hours)
DSE 501 Statistics for Data Analysts (3) or EEE 554 Probability and Random Processes (3), HSE 530 Intermediate Statistics for Human Systems Engineering (3) or STP 501 Theory of Statistics I: Distribution Theory 3 (3)

CSE 511 Data Processing at Scale (3), CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database Management Systems (3)
Choose one from the following:
CSE 572 Data Mining (3)
CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (9 credit hours)
APM 505 Applied Linear Algebra (3)
STP 530 Applied Regression Analysis (3)
Choose one:
APM 523 Optimization (3)
EEE 589 Convex Optimization (3)
IEE 620 Optimization I (3)

STP 502 Theory of Statistics II: Interface (3)

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
FSE 570 Data Science Capstone (3) or MAT 599 Thesis (6)

Additional Curriculum Information
Students should consult the academic unit for a list of approved electives and concentration course requirements.

Courses selected for the required core or concentration may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT® (taken in a testing center), 7 on the IELTS, or 115 on the Duolingo English test.

All applicants must demonstrate relevant coursework or experience in the following three areas:

• familiarity with MATLAB, Python, SQL, or R, or other relevant programming skills (indicated in the professional resume)
• undergraduate statistics or probability (e.g., IEE 380 Probability and Statistics for Engineering Problem Solving, STP 420 Introductory Applied Statistics, STP 421 Probability, EEE 350 Random Signal Analysis)
• undergraduate upper-division linear algebra (e.g., MAT 343 Applied Linear Algebra)

In addition, applicants who do not have an undergraduate degree in computer science, computer engineering, software engineering, information technology, industrial engineering, operations research, statistics or a related

computing field must show evidence (in the professional resume) of at least one of the following certifications or equivalent experience:

• AWS-certified cloud practitioner
• Google data analytics certificate
• Google IT support certificate

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Applied mathematicians with a background in data science can pursue opportunities in a variety of fields to model, analyze and control dynamical processes that generate large data sets. These professionals are needed in the energy and power systems industry and pharmaceutical, semiconductor and communications industries, among others. Graduates also may work in government labs such as those in the Centers for Disease Control and Prevention, the National Institutes of Health, and the National Oceanic and Atmospheric Administration.

Contact information

Electrical Engineering Program | WXLR A213
https://dsae.engineering.asu.edu/
grad.math@asu.edu
480-965-3951
Admission deadlines (https://ecee.engineering.asu.edu)

Data Science, Analytics and Engineering (Computing and Decision Analytics), MS (ESDSECDAMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Data scientist is consistently ranked among the top jobs in the U.S., and there is an increasing need for all engineers to make use of data science tools such as statistics, machine learning, artificial neural networks and artificial intelligence. Yet the majority of engineering occupations require subject matter expertise beyond data science.

This concentration in the Master of Science program in data science, analytics and engineering provides an advanced education in high-demand data science, and computing and industrial engineering. A focus on probability and statistics, machine learning, data mining and data engineering is complemented by computing and industrial engineering-specific courses to ensure breadth and depth in data science, and computing and industrial engineering.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Informatics, BS

Computer Science, BS

Computer Systems Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (FSE 570)

Required Core (9 credit hours)

DSE 501 Statistics for Data Analysts (3), EEE 554 Probability and Random Processes (3), HSE 530 Intermediate Statistics for Human Systems Engineering (3) or STP 501 Theory of Statistics I: Distribution Theory 3 (3)

CSE 511 Data Processing at Scale (3) or CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database Management Systems (3)

Choose one from the following:
CSE 572 Data Mining (3)
CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (12 credit hours)
Complete one course for each of the following areas:
data analysis (3)
data assurance and security (3)
machine learning (3)
optimization (3)

Electives (3 or 6 credit hours)

Culminating Experience (3 or 6 credit hours)
CSE, IEE or SER 599 Thesis (6)
FSE 570 Data Science Capstone (3)

Additional Curriculum Information
Students should consult the academic unit for a list of approved electives and concentration course requirements.

Courses selected for Required Core or Concentration may not be used as elective coursework for the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT, 7 on the IELTS or 115 on the Duolingo English test regardless of their current residency.

Before applying to the MS program, students are required to have completed three semesters or nine credit hours of Calculus I, II and III and recommended to have completed a discrete mathematics course.

Students assigned any additional admission requirements upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Additional admission requirements courses include:

• CSE 310 Data Structures and Algorithms
• IEE 380 Probability and Statistics for Engineering Problem Solving
• MAT 242 Elementary Linear Algebra

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Computing and industrial engineers with a background in data science can pursue opportunities in a variety of fields to manage and analyze data, and extract knowledge from large data sets for decision making, including in the following industries:

consulting
data and analytics management
data engineering
information systems

manufacturing

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-data-science-analytics-and-engineering/
scai.grad.admission@asu.edu
480-965-3199
Admission deadlines (https://scai.engineering.asu.edu/)

Data Science, Analytics and Engineering (Electrical Engineering), MS (ESDSEEEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Data scientist is consistently ranked among the top jobs in the U.S., and there is an increasing need for all engineers to make use of data science tools such as statistics, machine learning, artificial neural networks and artificial intelligence. However, the majority of engineering occupations require subject matter expertise beyond data science.

The Master of Science program in data science, analytics and engineering with a concentration in electrical engineering provides an advanced education in high-demand data science and electrical engineering. A focus on probability and statistics, machine learning, data mining and data engineering is complemented by electrical engineering-specific courses to ensure breadth and depth in data science and electrical engineering.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Electrical Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (FSE 570)

Required Core (9 credit hours)

DSE 501 Statistics for Data Analysts (3), EEE 554 Probability and Random Processes (3), HSE 530 Intermediate Statistics for Human Systems Engineering (3) or STP 501 Theory of Statistics I: Distribution Theory 3 (3)

CSE 511 Data Processing at Scale (3), CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database

Management Systems (3)

Choose one from the following:
CSE 572 Data Mining (3)
CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (9 credit hours)
Choose three courses of the following:

EEE506 Digital Spectral Analysis (3)
EEE508 Digital Image and Video Processing and Compression (3)
EEE509 DSP Algorithms and Software (3)
EEE510 Multimedia Signal Processing (3)
EEE 511 Artificial Neural Computation (3)

EEE515 Machine Vision and Pattern Recognition (3)
EEE516 Physics-Based Computer Vision (3)
EEE 551 Information Theory (3)

EEE 554 Probability and Random Processes (3)

EEE556 Detection and Estimation Theory (3)
EEE559 Wireless Networks (3)
EEE 560 Mathematical Foundations of Machine Learning (3)
EEE585 Security and Privacy in Networked Systems (3)
EEE598 Deep Learning: Foundations and Applications (3)
EEE598 Optimization for Engineers (3)

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
EEE 599 Thesis (6)
FSE 570 Data Science Capstone (3)

Additional Curriculum Information
Students should consult the academic unit for a list of approved electives and concentration course requirements.

Courses selected for required core or concentration may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT (taken in a testing center), 7 on the IELTS or 115 on the Duolingo English test.

All applicants must demonstrate relevant coursework or experience in the following three areas:

• familiarity with MATLAB, Python, SQL, R, or other relevant programming skills (in the professional resume)
• undergraduate linear algebra (e.g., MAT 242 Elementary Linear Algebra)
• undergraduate statistics or probability (e.g., IEE 380 Probability and Statistics for Engineering Problem Solving, STP 420 Introductory Applied Statistics, STP 421 Probability, EEE 350 Random Signal Analysis)

In addition, applicants without an undergraduate degree in computer science, computer engineering, software engineering, information technology, industrial engineering, operations research, statistics or a related computing field must show evidence (in the professional resume) of at least one of the following certifications or equivalent experience:

• AWS-certified cloud practitioner
• Google data analytics certificate
• Google IT support certificate

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Electrical engineers with a background in data science can pursue opportunities in a variety of fields to manage, analyze and extract data from large data sets, including in the following industries:

circuit design
energy and power systems
semiconductor fabrication
signal processing
telecommunications

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/

AskEE@asu.edu
480-965-3424

Data Science, Analytics and Engineering (Human Centered Applications), MS (ESDSEHCAMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

There is an increasing need for all engineers to make use of data science tools such as statistics, machine learning, artificial neural networks and artificial intelligence. Yet, the majority of engineering occupations require subject matter expertise beyond data science.

The Master of Science program in data science, analytics and engineering with a concentration in human-centered applications provides students with advanced education in high-demand data science and an understanding of human systems. A focus on probability and statistics, machine learning, data mining and data engineering is complemented by courses that focus on human capabilities and understanding human bias to ensure increased breadth and depth in data science applications. Students learn how to address problems such as biases in machine learning that are due to select input data and how to determine useful human feedback for interactive machine learning. The program also covers ethical issues in machine learning applications, and the use of AI to support human weaknesses without hindering human strengths. In interdisciplinary courses, students can work with colleagues to solve client-driven data science problems that address human needs and capabilities.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering, BS

Information Technology (Cybersecurity), BS

Information Technology (Networking), BS

Information Technology, BS

Human Systems Engineering (User Experience), BS

Data Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (FSE 570)

Required Core (9 credit hours)

DSE 501 Statistics for Data Analysts (3), EEE 554 Probability and Random Processes (3), HSE 530 Intermediate Statistics for Human Systems Engineering (3) or STP 501 Theory of Statistics I: Distribution Theory 3 (3)

CSE 511 Data Processing at Scale (3), CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database Management Systems (3)

Choose one from the following:
CSE 572 Data Mining (3)
CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (9 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
FSE 570 Data Science Capstone (3)
HSE 599 Thesis (6)

Additional Curriculum Information
For concentration coursework, students select three courses, for a total of nine credit hours.

Courses selected for the required core or concentration may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A")

in nine credit hours of graduate coursework from a U.S. institution; or a cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants must demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT (taken in a testing center), 7 on the IELTS, or 115 on the Duolingo English test.

All applicants must demonstrate relevant coursework or experience in the following three areas:

• undergraduate statistics or probability (e.g., IEE 380 Probability and Statistics for Engineering Problem Solving, STP 420 Introductory Applied Statistics, STP 421 Probability, EEE 350 Random Signal Analysis)
• undergraduate linear algebra (e.g., MAT 242 Elementary Linear Algebra)
• familiarity with MATLAB, Python, SQL, R, or other relevant programming skills (in the professional resume)

In addition, applicants without an undergraduate degree in computer science, computer engineering, software engineering, information technology, industrial engineering, operations research, statistics or a related computing field must show evidence (in the professional resume) of at least one of the following certifications or equivalent experience:

• AWS-certified cloud practitioner
• Google IT support certificate
• Google data analytics certificate

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Data scientist is consistently listed among the top jobs in the U.S. Human-centered engineers with a background in data science can pursue opportunities in a variety of industries to manage and analyze data and extract knowledge from large data sets for decision-making. Career opportunities include these positions:

clinical data manager
computer and information research scientist
human factors engineer and ergonomist
statistician

Contact information

Human Systems Engineering | SUTON 201
https://poly.engineering.asu.edu
polygrad@asu.edu
480-727-1874

Data Science, Analytics and Engineering (Materials Science and Engineering), MS (ESDSEMSEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Data scientist is consistently ranked among the top jobs in the U.S., and there is an increasing need for all engineers to make use of data science tools such as statistics, machine learning, artificial neural networks and artificial intelligence. Yet the majority of engineering occupations require subject matter expertise beyond data science.

The Master of Science program in data science, analytics and engineering with a concentration in materials science and engineering provides an advanced education in high-demand data science and materials science and engineering. A focus on probability and statistics, machine learning and data engineering is complemented by materials science and engineering-specific courses to ensure breadth and depth in data science and materials science and engineering.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (MSE 593)

Required Core (9 credit hours)
Students choose one from the following:
DSE 501 Statistics for Data Analysts (3)
EEE 554 Probability and Random Processes (3)
HSE 530 Intermediate Statistics for Human Systems Engineering
STP 501 Theory of Statistics I: Distribution Theory 3 (3)

CSE 511 Data Processing at Scale (3), CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database Management Systems (3)

Students choose one from the following:
CSE 572 Data Mining (3)
CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (12 credit hours)

Electives (3 or 6 credit hours)

Culminating Experience (3 or 6 credit hours)
MSE 593 Applied Project (3)
MSE 599 Thesis (6)

Additional Curriculum Information
Students should consult the academic unit for a list of approved electives and concentration course requirements.

Courses selected for required core or concentration may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT® (taken in a testing center); 7 on the IELTS; or 115 on the Duolingo English test regardless of their current residency.

All applicants must demonstrate relevant coursework or experience in the following three areas:

• MATLAB, Python, SQL, R, or other relevant programming skills (in the professional resume)
• undergraduate linear algebra (e.g., MAT 242 Elementary Linear Algebra)
• undergraduate statistics or probability (e.g., IEE 380 Probability and Statistics for Engineering Problem Solving; STP 420 Introductory Applied Statistics; STP 421 Probability; EEE 350 Random Signal Analysis)

In addition, applicants who do not have an undergraduate degree in computer science, computer engineering, software engineering, information technology, industrial engineering, operations research, statistics or a related computing field must show evidence (in the professional resume) of at least one of the following certifications or equivalent experience:

• AWS certified cloud practitioner

• Google data analytics certificate
• Google IT support certificate

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Materials science engineers with a background in data science can pursue opportunities in a variety of fields to manage and analyze data and extract knowledge from large data sets for decision-making, including in the following industries:

aircraft design
energy systems
manufacturing
product design
semiconductors

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://semte.engineering.asu.edu/
semtegrad@asu.edu
480-965-2335

Data Science, Analytics and Engineering (Mechanical and Aerospace Engineering), MS (ESDSEMAEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

There is an increasing need for all engineers to make use of data science tools such as statistics, machine learning, artificial neural networks and artificial intelligence. Yet the majority of engineering occupations require subject matter expertise beyond data science. For mechanical and aerospace engineering, the need for data science, including machine learning, is felt in all subdisciplines, including controls, energy systems, aeronautics, astronautics and mechanics.

The mechanical and aerospace engineering concentration in the Master of Science program in data science, analytics and engineering provides an advanced education that combines high-demand data science and mechanical and aerospace engineering. A focus on probability and statistics, machine learning and data engineering is complemented by mechanical and aerospace engineering-specific courses to ensure breadth and depth in both data science and mechanical and aerospace engineering.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (MAE 593), or
30 credit hours including the required capstone course (FSE 570)

Required Core (9 credit hours)
DSE 501 Statistics for Data Analysts (3), EEE 554 Probability and Random Processes (3), HSE 530 Intermediate Statistics for Human Systems Engineering (3) or STP 501 Theory of Statistics I: Distribution Theory 3 (3)
CSE 511 Data Processing at Scale (3), CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database Management Systems (3)

Students choose one of the following:
CSE 572 Data Mining (3)
CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (9 credit hours)

Electives (6-9 credit hours)

Culminating Experience (3-6 credit hours)
FSE 570 Data Capstone (3), MAE 593 Applied Project (3) or MAE 599 Thesis (6)

Additional Curriculum Information
Concentration and elective coursework should be selected in consultation with the program advisor. Coursework selected for required core may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirement of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mechanical engineering, aerospace engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• professional resume
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT (taken in a testing center); 7 on the IELTS; or 115 on the Duolingo English test regardless of their current residency.

All applicants must demonstrate relevant coursework or experience in the following three areas:

• familiarity with MATLAB, Python, SQL, R, or other relevant programming skills (in the professional resume)
• undergraduate linear algebra (e.g., MAT 242 Elementary Linear Algebra)
• undergraduate statistics or probability (e.g., IEE 380 Probability and Statistics for Engineering Problem Solving; STP 420 Introductory Applied Statistics; STP 421 Probability; EEE 350 Random Signal Analysis)

In addition, applicants without an undergraduate degree in computer science, computer engineering, software engineering, information technology, industrial engineering, operations research, statistics or a related computing field must show evidence (in the professional resume) of at least one of the following certifications or equivalent experience:

• AWS certified cloud practitioner
• Google data analytics certificate
• Google IT support certificate

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Data scientist is consistently ranked among the top jobs in the U.S. Mechanical and aerospace engineers with a background in data science can pursue opportunities in a variety of fields to manage and analyze data and extract knowledge from large data sets for decision-making, including in the following industries:

aircraft design
energy systems
manufacturing
product design
space systems

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://dsae.engineering.asu.edu/
semtegrad@asu.edu
480-965-2335

Data Science, Analytics and Engineering (Sustainable Engineering and Built Environment), MS (ESDSESEBMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Data scientist is consistently ranked among the top jobs in the U.S., and there is an increasing need for all engineers to make use of data science tools such as statistics, machine learning, artificial neural networks and artificial intelligence. Yet the majority of engineering occupations require subject matter expertise beyond data science.

This Master of Science program with a concentration in data science, analytics and engineering provides an advanced

education in high-demand data science and sustainable engineering and the built environment. A focus on probability and statistics, machine learning, data mining and data engineering is complemented by sustainable engineering and built environment-specific courses to ensure breadth and depth in data science and sustainable engineering and the built environment.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (FSE 570)

Required Core (9 credit hours)
Choose one from the following:
DSE 501 Statistics for Data Analysts (3)
EEE 554 Probability and Random Processes (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
STP 501 Theory of Statistics I: Distribution Theory 3 (3)

CSE 511 Data Processing at Scale (3), CSE 512 Distributed Database Systems (3) or IFT 530 Advanced Database Management Systems (3)

Choose one from the following:
CSE 572 Data Mining (3)
CSE 575 Statistical Machine Learning (3)
EEE 549 Statistical Machine Learning: From Theory to Practice (3)
IEE 520 Statistical Learning for Data Mining (3)
IFT 511 Analyzing Big Data (3)
MAE 551 Applied Machine Learning for Mechanical Engineers (3)
STP 550 Statistical Machine Learning (3)

Concentration (9 or 12 credit hours)
CEE 501 Machine Learning Techniques in Civil Engineering (3)
two or three additional courses from an approved list

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
CEE, CON or EVE 599 Thesis (6)
FSE 570 Data Science Capstone (3)

Additional Curriculum Information
Students should consult the academic unit for a list of approved electives and concentration course requirements.

Courses selected for required core or concentration may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in computing, engineering, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate proficiency in the English language by scoring at least 90 on the TOEFL iBT (taken in a testing center), 7 on the IELTS, or 115 on the Duolingo English test, regardless of their current residency.

All applicants must demonstrate relevant coursework or experience in the following three areas:

• undergraduate statistics or probability (e.g., IEE 380 Probability and Statistics for Engineering Problem Solving, STP 420 Introductory Applied Statistics, STP 421 Probability, EEE 350 Random Signal Analysis)
• undergraduate linear algebra (e.g., MAT 242 Elementary Linear Algebra)
• familiarity with MATLAB, Python, SQL, R or other relevant programming skills (in their professional resume)

In addition, applicants without an undergraduate degree in computer science, computer engineering, software engineering, information technology, industrial engineering, operations research, statistics or a related computing field must show evidence (in their professional resume) of at least one of the following certifications or equivalent experience:

• AWS certified cloud practitioner
• Google IT support certificate
• Google data analytics certificate

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Civil, environmental, sustainable or construction management engineers with a background in data science can pursue opportunities in a variety of fields. They manage and analyze data and extract knowledge from large data sets for decision-making in industries that include:

building

construction
environmental remediation
transportation
water treatment

Contact information

School of Sustainable Engineering & Built Envirnmt | HLMK 437
https://ssebe.engineering.asu.edu/
sebe.advising@asu.edu
480-965-0595

Data Science, Analytics and Engineering, PHD (ESDSEPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in data science, analytics and engineering engages students in fundamental and applied research.

The program's educational objective is to develop each student's ability to perform original research in the development and execution of data-driven methods for solving major societal problems. This includes the ability to identify research needs, adapt existing methods and create new methods as needed. This is accomplished through a rigorous education with research and educational experiences.

Students complete a foundational core covering database management, information assurance, statistical learning and statistical theory before choosing to focus on data analytics or data engineering. The program culminates in the production of a dissertation.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
CSE 511 Data Processing at Scale (3)
CSE 543 Information Assurance and Security (3)
CSE 572 Data Mining (3) or EEE 549 Statistical Machine Learning: From Theory to Practice (3) or IEE 520 Statistical Learning for Data Mining (3)
EEE 554 Probability and Random Processes (3) or IEE 670 Mathematical Statistics (3) or STP 502 Theory of Statistics II: Inference (3)

Electives and Additional Research (39 credit hours)

Research (12 credit hours)

DSE 792 Research (12)

Other Requirements (9 credit hours)
data engineering coursework or
data analytics coursework

Culminating Experience (12 credit hours)
DSE 799 Dissertation (12)

Additional Curriculum Information
All students must take qualifying exams covering the required core courses within one year of matriculation into the program.

The dissertation prospectus should be submitted and its oral defense completed no later than one year following completion of the 60th credit hour and also no later than the fourth year in the program.

Students must select coursework from either the data engineering or the data analytics requirements. Students should see the academic unit for the approved course list.

Students cannot take a data engineering or data analytics course and have it meet an elective requirement at the same time. Students need to take a different elective course to reach the number of credit hours required for the program. Other coursework may be used with the approval of the academic unit to fulfill these requirements.

Twelve credit hours of DSE 792 Research are required, and up to 24 credit hours are allowed on the plan of study. Students with research hours in excess of 12 will add these credit hours to their electives and additional research.

Electives include:
• additional DSE 792 Research credit hours (up to 12 credit hours allowed beyond the required 12)
• approved elective courses, of which up to three credit hours of DSE 790: Reading and Conference are permitted, with approval.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are to be made up of electives to reach the required 84 credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, computer science, mathematics, statistics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation

• letter of intent or written statement
• GRE scores
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the TOEFL iBT, 7 on the IELTS or 115 on the Duolingo English test regardless of their current residency.

Before applying to the PhD program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A") or higher. Discrete math is also recommended prior to admission.

ASU does not accept the GRE® General Test at home edition.

Students assigned any additional coursework upon admission must complete those classes with a grade of "C" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Additional admission requirements courses include:

CSE 310 Data Structures and Algorithms
IEE 380 Probability and Statistics for Engineering Problem Solving
MAT 242 Elementary Linear Algebra or MAT 342 Linear Algebra or MAT 343 Applied Linear Algebra
MAT 267 Calculus for Engineers III

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the tools and methods from industrial statistics, operations research, machine learning, computer science and computer engineering on solving data analytic problems.
Manage large, heterogeneous data sets for knowledge discovery.
Conduct research resulting in an original contribution to knowledge in data sciences.

Career opportunities

Graduates demonstrate proficiency with existing methodology and significant accomplishment at advancing the state of the art in their chosen area, enabling them to pursue careers in the following fields:

advanced research
business
government
industry
teaching

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/graduate-data-science-analytics-and-engineering/
SCAI.Grad.Admission@asu.edu
480-965-3199

Electrical Engineering (Media Arts and Sciences), MS (ESAMEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

This concentration in media arts and sciences in the Master of Science program in electrical engineering is a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts. It is available for MS and Doctor of Philosophy students admitted to this program, who take two-thirds of their course, research and thesis credits from the electrical engineering program, and one-third from the media arts and sciences program.

Electrical engineering students in the media arts and sciences concentration undergo training toward integrating principles of digital signal processing, pattern recognition, computer vision and multimedia computing with transdisciplinary objectives, with the goal of enabling new paradigms of human-machine experience that directly address societal needs and facilitate knowledge. Examples include media-based intelligent systems for health care and well-being, and promotion of environmentally sustainable practices.

For more information on current research projects and initiatives, students should see the school's research page (https://artsmediaengineering.asu.edu/research).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis

This program requires 30 credit hours of coursework.

Thesis students complete eight courses for the program, typically five from EEE and three from AME. In addition, six credit hours of thesis are required, typically four credit hours from EEE and two from AME.

Portfolio students complete 10 courses for the program, typically six from EEE and four from AME.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Students from ABET-accredited undergraduate programs who wish to be considered for a master's degree program

must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last two years of undergraduate coursework. Students from undergraduate programs that are not accredited by ABET must have a minimum GPA of 3.50 (scale is 4.00 = "A") in the last two years of undergraduate coursework or have graduated first class with distinction.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based TOEFL or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Applicants should submit materials that reflect the hybrid nature of the arts and engineering degree, including a statement of purpose and curriculum vitae demonstrating interest and relevant experience in the area. Applicants will have the opportunity to upload their curriculum vitae and statement of purpose when completing the online application. Additionally, the media arts and sciences program requires three letters of recommendation from individuals familiar with the applicant's ability to succeed in a transdisciplinary research environment.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are able to apply new ideas, theories and systems related to the intersection of media arts and electrical engineering. The transdisciplinary nature of this program enables media arts and sciences graduates to connect electrical engineering signals and systems constructs to multimedia computing, digital communication, immersive augmented reality and virtual reality experiences, and data visualization.

Career examples include:

augmented and virtual reality researcher
computer systems engineer
electrical engineering professor
systems software engineer

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Electrical Engineering (Media Arts and Sciences), PHD (ESAMEPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

The curriculum is being reviewed for program changes and will be updated upon approval.

Program description

This concentration in media arts and sciences is a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts, and it is available to Master of Science and Doctor of Philosophy students admitted to this program.

Students take two-thirds of their coursework from the electrical engineering program and one-third from the media arts and sciences program.

Electrical engineering students in the media arts and sciences concentration undergo training toward integrating principles of digital signal processing, pattern recognition, computer vision, and multimedia computing with transdisciplinary objectives, with the goal of enabling new paradigms of human-machine experience that directly address societal needs and facilitate knowledge. Examples include media-based intelligent systems for health care and well-being, as well as promotion of environmentally sustainable practices. For more information on current research projects and initiatives, students should visit the school's research page (https://artsmediaengineering.asu.edu/research).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

The program requires the following:
• a comprehensive examination
• the dissertation defense
• a qualifying examination
• 10 courses, typically seven from EEE and three from AME
• 12 credit hours of dissertation, typically eight credits from EEE and four from AME
• 12 credit hours of research, typically eight credits from EEE and four from AME

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants with a master's degree who wish to be considered for the doctoral program must have a minimum GPA of 3.50 (scale is 4.00 = "A") in their master's degree program. Applicants without a master's degree must have a minimum GPA of 3.60 (scale is 4.00 = "A") in the last two years of undergraduate coursework and have graduated from an ABET-

accredited undergraduate program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the TOEFL iBT or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Applicants should submit materials that reflect the transdisciplinary nature of the arts and engineering degree, including a statement of purpose and curriculum vitae demonstrating interest and relevant experience in the area. Applicants will have the opportunity to upload their curriculum vitae and statement of purpose when completing the online application. Additionally, the media arts and sciences program requires three letters of recommendation from individuals familiar with the applicant's ability to succeed in a transdisciplinary research environment.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Media arts and sciences graduates are able to generate and apply new ideas, theories and systems related to the intersection of media arts and electrical engineering. The transdisciplinary nature of this program allows them to connect electrical engineering signals and systems constructs to multimedia computing, digital communication, immersive augmented reality and virtual reality experiences and data visualization.

Career examples include:

augmented and virtual reality researcher
computer systems engineer
electrical engineering professor
systems software engineer

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Electrical Engineering, MS (ESEEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

All students seeking a master's degree in electrical engineering must apply to the MSE in electrical engineering program.

Program description

This program does not accept Master of Science applications directly. Students interested in the MS program should apply to the Master of Science in Engineering program and, once admitted, consult with the MSE program advisors.

The electrical engineering faculty in the Ira A. Fulton Schools of Engineering offer a research program leading to the MS degree in electrical engineering.

Graduate courses and programs are offered in the following six areas of specialization:

• control systems
• electric power and energy systems
• electromagnetics, antennas and microwave circuits
• electronic and mixed-signal circuit design
• physical electronics and photonics
• signal processing and communications

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Electrical Engineering (Electric Power and Energy Systems), BSE

Electrical Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis

The credits earned toward this research degree must include a minimum of eight courses (24 credit hours minimum) and six credit hours of EEE 599 Thesis. At least two of the eight courses should be outside the area of specialization.

Requirements include:
at least four EEE courses
at least two courses outside the area of specialization
at most two 400-level courses
at least three EEE 500-level courses
at most one EEE 590 Reading and Conference or FSE course
exam

A final oral examination in defense of the thesis completes the master's degree requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students who wish to pursue the MS in electrical engineering must initially apply to the MSE program in electrical engineering. Students who later obtain a research advisor may transfer to the MS program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of this program have an advanced understanding of electrical engineering concepts and theories. They are able to develop and contribute to these concepts and theories and apply them to their specialization.

Career examples include:

computer hardware engineer
computer and information research scientist
computer network architect
director of engineering
electrical engineer
electrical engineering researcher
energy engineer

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Electrical Engineering, MSE (ESEEMSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The electrical engineering faculty in the Ira A. Fulton Schools of Engineering offer a professional program leading to the Master of Science in Engineering degree in electrical engineering.

Graduate courses and programs are offered in six areas of specialization:

• control systems (not an option for the online degree but available to on-campus students)
• electric power and energy systems
• electromagnetics, antennas and microwave circuits
• electronic and mixed-signal circuit design
• physical electronics and photonics
• signal processing and communications

A concurrent degree, the MBA/MSE in electrical engineering, is available as an online option. For more information, students should visit the W. P. Carey School of Business page on concurrent degrees (https://wpcarey.asu.edu/mba-programs/online/concurrent-degrees).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

W. P. Carey MBA - Online Program

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Earth and Space Exploration (Exploration Systems Design), BS

Electrical Engineering (Electric Power and Energy Systems), BSE

Electrical Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio

This is a professional degree program that requires a minimum of 30 credit hours of coursework (a minimum of 10 classes) and a portfolio based on attendance and review of seminars hosted by the School of Electrical, Computer and Energy Engineering.

Requirements include:

at least five EEE courses
at least three EEE 500-level courses
at least two courses outside the area of specialization
at most one EEE 590 Reading and Conference or FSE course
at most two 400-level courses

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

The decision to admit a student who has earned a bachelor's degree from a program accredited by ABET to a master's degree program in electrical engineering is based on a number of factors. A minimum requirement is an undergraduate GPA of 3.00 (scale is 4.00 = "A") in the student's last two years of undergraduate work.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who are seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the TOEFL iBT® (taken in a testing center) or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Admission to electrical engineering graduate programs is highly competitive. Preferred applicants have an undergraduate degree in electrical engineering.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering-electrical-engineering/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students are expected to differentiate key concepts within electrical engineering and demonstrate their understanding of those concepts on the written comprehensive exam and demonstrate knowledge of ethical standards in a professional setting.
Students are expected to differentiate key concepts within electrical engineering and demonstrate their understanding of those concepts on the written comprehensive exam and demonstrate critical thinking skills in a professional setting.
Students will understand and apply skills needed in order to select and secure professional employment in an electrical engineering-related field by practicing the skills they have learned in their courses and showing they have the ability to work successfully within the electrical engineering field, applying concepts from their academic experience, synthesizing knowledge, self-assessment on the student's part, and teamwork and communication to address societal needs.

Career opportunities

Graduates of the MSE program in electrical engineering have an advanced understanding of electrical engineering concepts and theories.

Career examples include:

computer hardware engineer
computer and information research scientist
computer network architect
director of engineering
electrical engineer
energy engineer

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Electrical Engineering, PHD (ESEEPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in electrical engineering prepares students to make contributions to the field of electrical engineering. The program focuses on research, enabling students to develop a personalized area of expertise.

Graduate courses and programs are offered in the following six areas of specialization:

• control systems
• electric power and energy systems

• electromagnetics, antennas and microwave circuits
• electronic and mixed-signal circuit design
• physical electronics and photonics
• signal processing and communications

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Doctoral students are required to complete 84 credit hours of academic credit beyond the bachelor's degree. The following summarizes the degree course requirements:

Master's degree (30 credit hours)
From any accredited institution

Electives 500 level or above (18 credit hours)
At least nine credit hours of EEE courses

Research Class or Omnibus Courses (12 credit hours)
Can be 400-level and above or
EEE 792 Research (12)

Dissertation (12 credit hours)
EEE 799 Dissertation (12)

Additional Curriculum Information
The 84 credit hours include 30 credit hours from the master's degree, a required 18 credit hours of doctoral coursework, 12 credit hours of research (EEE 792) and 12 credit hours (and only 12 credit hours) of dissertation (EEE 799).

The additional 12 credit hours can be more hours of research (EEE 792) or can be coursework as determined by the supervisory committee. At least nine credit hours of the minimum requirement of 18 credit hours of doctoral coursework must be in electrical engineering. EEE 790 Reading and Conference can be used for no more than three credit hours toward the required 18 but does not count toward the nine hours of 500-level EEE classes required.

All courses counting toward the required 18 credit hour minimum must be at the 500 level or higher. (Note: All courses with the prefix EEE 591 count as 400-level courses.) No more than one three-hour reading and conference course (EEE 790) may be taken as part of the 18 credit hour requirement. The content of any proposed reading and conference course must be reviewed and approved by the electrical engineering graduate program chair before a student registers for the course.

A qualifying examination, a comprehensive exam and the dissertation defense are required. Additional information on the program can be found in the Blue Student Guide published and available on the program's website.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

In general, a student must have a minimum GPA of 3.00 (scale is 4.00 = "A") in all undergraduate coursework and a minimum GPA of 3.50 (scale is 4.00 = "A") in all graduate coursework for admission to the doctoral program. A student usually must hold a master's degree before being admitted to the doctoral program. Direct doctoral admission is available for students graduating from an ABET-accredited electrical engineering program with a GPA of 3.60 (scale is 4.00 = "A") or higher.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based TOEFL or a score of 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

A student whose master's degree is not from a U.S. ABET-accredited institution must score 156 or higher on the quantitative section of the GRE General Test. A good score on the writing portion is considered desirable.

ASU does not accept the GRE® General Test at home edition.

A student whose undergraduate degree is not in electrical engineering may need to take appropriate undergraduate courses to establish a baseline of knowledge in the discipline.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates demonstrate an advanced understanding of electrical engineering and apply that knowledge to advance in their careers, both in academia and industry.

Career examples include:

computer hardware engineer
computer and information research scientist
computer network architect
director of engineering
electrical engineer

electrical engineering researcher
energy engineer

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Engineering Education Systems and Design, PHD (ESEESDPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Doctor of Philosophy program in engineering education systems and design prepares all students to conduct engineering education research related to their scholarly interests using a systems and design approach.

Students who enroll in the program have a passion for developing skills as engineering education researchers and are committed to contributing to the engineering education community. Learning is driven by engagement with faculty and peers through coursework, research and programmatic events. Those who complete the program are ready to take on a variety of roles across a range of educational settings (e.g., precollege and higher education, science centers, government agencies, museums, policy-setting institutions and industry).

Students may enter the program with a bachelor's or master's degree in an engineering or related discipline. Areas of research may include workforce adaptability, culturally responsive education, education policy, accessibility, broadening participation in engineering, engineering classroom practices, studies of marginalized groups, student persistence, graduate education, online education and empathy.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam and a dissertation

Required Core (21 credit hours)
EGR 535 Innovation and Design of Engineering Academic Settings (IDEAS) (3)
EGR 565 Qualitative Methods for Engineering Education Research (3)
EGR 572 Quantitative Methods for Engineering Education Research (3)
EGR 574 Engineering Education Systems in Context (3)
EGR 576 From Then Until Now: Examining Inequities in STEM (3)
EGR 671 Applications of Qualitative Methods for Engineering Education Research (3)
EGR 673 Applications of Quantitative Methods for Engineering Education Research (3)

Electives and Research (48 credit hours)
electives (36)

research (12)

Other Requirement (3 credit hours)
EGR 594 Topic: EESD Seminar (3)

Culminating Experience (12 credit hours)
EGR 799 Dissertation (12)

Additional Curriculum Information
Students may be allowed to apply up to 30 credit hours from a previously awarded master's degree to their doctoral program as approved by the academic unit and the Graduate College. If students do not have a master's degree, the remaining 30 credit hours must consist of at least 18 graduate-level credit hours in a particular engineering discipline and at most nine credit hours in support of the student's dissertation research area.

Students are allowed up to six credit hours of 400-level coursework on the student plan of study with appropriate faculty advisor and program chair approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• CV or resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch (https://globallaunch.asu.edu/learn-english) at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is

considered.

Applicants can opt to note faculty members (the current endorsed list of faculty is available on the Polytechnic campus website (https://poly.engineering.asu.edu/engineering/phd/eesd-faculty/)) they've spoken to or are interested in working with if they matriculate at ASU.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Synthesize the engineering education ecosystem by examining its past and exploring its future through course projects.
Conduct engineering education research using quantitative methods.
Address the need for social justice, equity, diversity, and inclusion within engineering education initiatives.
Conduct engineering education research using qualitative methods.

Career opportunities

Graduates are equipped for competitive positions in top-tier research institutions as exemplary scholars and teachers or for work as leaders in engineering education in a variety of settings, including:

education startups
government agencies
industry
policy-setting institutions
science centers and museums
think tanks
universities

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/engineering/phd/
polygrad@asu.edu
480-727-1874

Engineering Science (Software Engineering), MSE (ESSFEMSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

Program description

The Master of Science in Engineering program in engineering science with a software engineering concentration offers specialized courses founded on the fundamentals and principles of software engineering. Students gain the knowledge and skills needed to become software engineers or software task leaders on large and small projects that require either agile methodologies or formal capability maturity model integration approaches.

The program addresses major software development methodologies, techniques, tools and processes for developing and managing software projects. The curriculum is based on the Software Engineering Body of Knowledge under the

leadership of the IEEE Computer Society. Each course places an emphasis on applied assignments and projects that are relative to the student's workplace.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a portfolio, or
30 credit hours including the required applied project course (CSE 593)

Required Core (6 credit hours)
CSE 565 Software Verification, Validation and Testing (3)
CSE 566 Software Project, Process and Quality Management (3)

Concentration (3 credit hours)
CSE 591 Topic: Software Engineering Principles and Concepts (3)

Restricted Electives (18 or 21 credit hours)

Culminating Experience (0 or 3 credit hours)
CSE 593 Applied Project (3)
portfolio (0)

Additional Curriculum Information
For an approved list of restricted electives, students should see the academic unit.

Students select five or six elective courses: five for the applied project option or six for the portfolio option.

Two faculty member-approved 400-level courses may also be selected as electives for the restricted electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in computer engineering, software engineering or a related field from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") for the last 12 units of the postbaccalaureate transcript.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must provide evidence of demonstrated expertise in the area of object-oriented programming, advanced data structures, algorithm design and algorithm analysis; maturity in high-level programming; and successful completion of Calculus I (a minimum requirement).

Graduates of non-U.S. institutions must satisfy admission requirements established by the ASU Graduate College.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering-engineering-science-concentration-software/) for program descriptions and to request more information.

Career opportunities

Software engineers solve a wide variety of disciplinary and transdisciplinary problems and apply new technologies to improve quality of life. Graduates of this master's program are prepared for advanced study in computing and engineering, and to become leaders of software engineering development projects and teams. Graduates have experience using the software development life cycle and tools to solve complex, practical problems.

According to the Bureau of Labor Statistics, software engineers are highly paid, and there is significant growth in the number of employment opportunities. Some software engineering jobs may include:

- developing software to manage new regulatory requirements in industries such as health care, and administering existing policies digitally
- identifying requirements and developing testing plans for computer systems being built into consumer electronics
- leading software development teams and projects for organizations of various sizes and complexities

Contact information

Dean, Ira A. Fulton Schools of Engineering | HLMK 375
https://asuengineeringonline.com/online-degrees/engineering-science-software-engineering-mse
student-fseonline@asu.edu
480-965-1878

Engineering, DEng (ESEGRDENG)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

Program description

Even engineers with master's degrees can find that they don't have all the skills needed to advance to the next level. Future engineering leaders require research experience, in-depth technical knowledge, leadership, project management, communication, storytelling and other nontechnical skills to be truly effective.

The Doctor of Engineering program enables students to continue their education without leaving their current position by providing advanced, doctoral-level coursework and an innovative applied project experience. Required core classes in project management, leadership, statistical analysis and communication are complemented by focus area-specific courses, followed by an applied project of the student's choice to ensure both breadth and depth of knowledge in their chosen engineering discipline.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (IEE793)

Required Core (12 credit hours)
CON 532 Facilities Project Management (3) or CON 545 Construction Project Management (3) or IEE 558 Engineering Project Management (3)
IEE 541 Engineering Administration (3) or OGL 550 Leading Organizational Change (3) or OGL 552 Leading Diverse Teams (3)
IEE 520 Statistical Learning for Data Mining (3) or IEE 572 Design Engineering Experiments (3) or IEE 578 Regression Analysis (3) or IEE 582 Response Surfaces/Process Opt (3)
COM 504 Theories and Models in Communication (3) or COM 514 Communication and Gender (3) or COM 515 Communication in the Workplace (3) or COM 530 Training and Development (3)

Electives (36 credit hours)

Other Requirements (3 credit hours)
IEE 701 Applied Doctoral Project Initiation (3)

Culminating Experience (9 credit hours)
IEE 793 Applied Project (9)

Additional Curriculum Information
Electives must be selected from an approved list.

The applied project addresses advanced, complex and practical engineering management problems with design through the development of innovative solutions in consideration of public health, safety, sustainability and welfare, as well as global, cultural, social, environmental and economic factors. The project includes independent applied research with industry sponsorship and faculty committee mentorship culminating in a final project report and examination for the DEng degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in engineering, computing, mathematics, statistics, operations research, information technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• one letter of recommendation
• professional resume

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency with a score of at least 90 on the internet-based TOEFL taken in a testing center, 7 on the IELTS or 115 on the Duolingo exam.

The letter of intent should include a purpose for completing the DEng program, basic qualifications, interest in ASU, academic journey and accomplishments, and professional career journey and accomplishments.

The letter of recommendation should be submitted by a supervisor, colleague or former academic professor sharing their understanding of the applicant's motivations and capabilities for completing a doctoral-level engineering degree. Supervisors should also state their support for the student during the student's doctoral program and applied project.

At the time of application, all applicants must have successfully completed a minimum of six credit hours of calculus (Calculus I, II) with a grade of "C" (scale is 4.00 = "A") or higher.

Additional coursework assigned at the time of admission, determined by the student's gap analysis, must be completed with a grade of "B" or better (scale is 4.00 = "A") within two semesters of admission to the program. Courses include:

• CSE 110 Principles of Programming
• IEE 380 Probability and Statistics for Engineering Problem Solving
• MAT 242 Elementary Linear Algebra

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/doctor-engineering/) for program descriptions and to request more information.

Career opportunities

Engineering professionals with the technical and nontechnical skills developed through this program can pursue opportunities in a variety of fields to manage projects, lead engineering teams, develop new products and more. These skills can be applied to industries including:

consulting
information technologies
manufacturing
product development

Contact information

Industrial, Systems & Operations Engineering Prgm | CTRPT 105
https://scai.engineering.asu.edu/graduate/
scai.grad.admission@asu.edu
480-965-3199
Admission deadlines (https://scai.engineering.asu.edu/graduate-admissions/)

Engineering, MEng (ESENGRMENG)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

Program description

Engineers have the opportunity to gain valuable experience applicable to their chosen industry while gaining an advanced degree.

The Master of Engineering program is designed to meet the specific needs of professional engineers and is delivered entirely online. In this practice-oriented program, students can customize their learning experience by selecting a curriculum that addresses their academic and professional goals.

Multiple emphasis areas are available in the program. Within each area of study are specific course requirements, in addition to the general program requirements. Students can select one of several areas of study available, including engineering management, quality, reliability and statistical engineering, and systems engineering. A computing and technology area of study has been developed to support ASU's global initiatives.

Convenience and flexibility are key advantages of this program. The MEng is a 30 credit hour program that does not require GRE results, a thesis or on-campus attendance; it is only available through distance learning. The program is supported through online courses available from the Ira A. Fulton Schools of Engineering.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a written comprehensive exam, or
30 credit hours and an oral comprehensive exam, or
30 credit hours including the required applied project course (CSE 593 or IEE 585 or IEE 593)

Students must complete 30 credit hours equaling 10 courses to earn a MEng. Half of all coursework, excluding the practice-oriented project, must be in engineering.

Students must complete three credit hours of applied engineering mathematics and three credit hours of engineering management or business.

A culminating event is required and is identified by the student's advisory committee. It could be a final written or oral examination, portfolio, or the final report of a practice-oriented project. Some academic units and emphasis areas of the MEng program may have additional requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in the desired field of study from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts from all institutions attended
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/) for program descriptions and to request more information.

Career opportunities

Engineers approach a wide variety of disciplinary and transdisciplinary opportunities by applying new approaches and technologies to solve problems, innovate and create value.

The interdisciplinary MEng program prepares engineering, science and technology majors with more advanced technical, management and practical skills that enhance their marketability to potential employers. The program is designed for people who are already employed in engineering or technical roles, or who are interested in expanding their skill set before entering a technical organization as a manager or individual contributor.

According to the Bureau of Labor Statistics, engineers are highly paid, and there is significant growth in the number of employment opportunities. Graduates of this program are able to fill these roles in the following career paths:

> Engineering managers hold leadership positions in the management of projects, processes and people, combining engineering competency with managerial skills to support the efficient development of new technology and products.
> Quality and reliability engineers use engineering principles to make business and production processes and products more efficient and dependable. They may also look for ways to seek efficiencies while maintaining reliable products and production methods.
> Systems engineers may become technical managers who develop the technical design of complex systems and manage them by building on their interdisciplinary expertise, systems engineering principles and practical experience.

Contact information

Dean, Ira A. Fulton Schools of Engineering | HLMK 375
https://asuengineeringonline.com/online-degrees/engineering-meng
student-fseonline@asu.edu
480-965-1878

Engineering, MS (TSEGRMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

In the Master of Science program in engineering, students develop applied analytical expertise across disciplinary boundaries, with direct applications of advanced design principles to system design, management and control.

The student's expertise, developed through the core curriculum, is reinforced with the flexibility of focus area options that include alternative energy, mechanical engineering and electrical engineering.

The culminating experience options are also flexible, allowing students to tailor the program to support their specific career goals while they become problem-solvers who can create and shape the future.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Manufacturing Engineering, BS

Engineering (Mechanical Engineering Systems), BSE

Engineering (Clean Energy Systems), BSE

Engineering (Electrical Systems), BSE

Engineering (Automotive Systems), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (EGR 593)

Required Core (6 credit hours)
EGR 520 Engineering Analysis I (3)
EGR 530 Principles of Systems Engineering (3)

Focus Area (15 credit hours)

Electives (3-9 credit hours)

Culminating Experience (0-6 credit hours)
EGR 593 Applied Project (3) or
EGR 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for a list of approved electives.

The elective credit hours required are dependent on the chosen culminating experience option. Completion of 30 credit hours of coursework is required for all culminating experience options.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree in engineering, physical sciences, mathematics or a similar field from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution; or a cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, aptitude demonstrated through professional experience or additional postbaccalaureate education will be considered.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Engineers collaborate on interdisciplinary teams to design, manufacture and deliver innovative technological products and services. Program graduates have not only sophisticated engineering technical skills but also the important professional skills of communication, teamwork and collaboration, and the adaptability that many employers seek.

Graduates are prepared to work in large corporations, government agencies and small businesses, as well as to pursue a doctorate degree. Because of the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some graduates start companies of their own.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/advising/

polygrad@asu.edu
480-727-1874

Environmental Engineering, MS (ESEVEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in environmental engineering is designed for students who have a background in agricultural, biological, chemical, civil or environmental engineering or related fields.

Students gain advanced knowledge that can be applied when addressing grand challenges facing society, such as how to supply clean water and safe food, design a future without pollution, recover valuable resources from waste, and create healthy and smart cities.

Environmental engineers study nanotechnology, biotechnology and sustainable engineering.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civil Engineering, BSE

Environmental Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (EVE 593)

COURSE-BASED OPTION

Required Core (12 credit hours)
CEE 561 Physical-chemical Treatment of Water and Waste (3)
CEE 562 Environmental Biochemistry and Waste Treatment (3)
CEE 563 Environmental Engineering Chemistry (3)
CEE 567 Environmental Microbiology (3)

Electives or Research (12 credit hours)

Other Requirements (6 credit hours)
CEE 560 Soil and Groundwater Remediation (3)
CEE 564 Contaminant Fate and Transport (3)
EVE 568 Environmental Risk Assessment (3)
EVE 571 Water Quality Modeling (3)

OPTIONS WITH CULMINATING EXPERIENCE

Required Core (12 credit hours)
CEE 561 Physical-chemical Treatment of Water and Waste (3)
CEE 562 Environmental Biochemistry and Waste Treatment (3)
CEE 563 Environmental Engineering Chemistry (3)
CEE 567 Environmental Microbiology (3)

Electives or Research (6 or 9 credit hours)

Other Requirements (6 credit hours)
CEE 560 Soil and Groundwater Remediation (3)
CEE 564 Contaminant Fate and Transport (3)
EVE 568 Environmental Risk Assessment (3)
EVE 571 Water Quality Modeling (3)

Culminating Experience (3 or 6 credit hours)
EVE 593 Applied Project (3) or
EVE 599 Thesis (6)

Additional Curriculum Information
The master's degree offers a course-based option that is recommended for students seeking a broader exposure to topics through coursework. Students seeking specialization and research experience would complete a thesis. Students wanting exposure to research methods, such as data collection, would complete an applied project.

Regardless of the culminating experience chosen, all students in the program complete six credit hours from the Other Requirements course list; courses on this list may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply if they have earned a bachelor's or master's degree in environmental engineering, chemical engineering, civil engineering, agricultural engineering, biological engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts

• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or higher on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

The student's credentials for admission are evaluated by the graduate program chair. A student whose undergraduate degree is not in environmental engineering or a related field is required to take appropriate undergraduate courses to establish a base of knowledge in the discipline. These additional courses required for admission to the graduate degree program are specified at the time of admission.

Applicants are strongly encouraged to submit a professional resume and personal statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with a master's degree in environmental engineering are employed in engineering consulting companies, private industry, local and federal government, and nongovernmental organizations.

Contact information

School of Sustainable Engineering & Built Envirnmt | HLMK 437
https://ssebe.engineering.asu.edu/
sebe.advising@asu.edu
480-965-0595

Environmental and Resource Management (Water Management), MS (ESERMWTMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Through the Master of Science program in environmental and resource management, students who have a background in the sciences, engineering, management, natural resources management, environmental health and safety, or other affiliated areas gain the regulatory and technical background they need to mitigate the environmental impact of industrial sources of pollution, ensure compliance with environmental regulations, and manage and preserve engineered and natural ecosystems.

The concentration in water management focuses on issues of water quality, supply, treatment, reclamation, conservation and augmentation strategies. This program is especially appropriate for people who work in municipal, state, federal and tribal water and environmental agencies; water providers to urban and agricultural users; people who work in manufacturing and mining industries; as well as those interested in sustainable development in this country and around the world.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Environmental Science, BS

Environmental and Resource Management, BS

Environmental Science, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours and a written comprehensive exam, or
30 credit hours including the required applied project course (ERM 593)

Required Core (6 credit hours)
ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3) or ERM 527 Environmental/Resources Regulations Concepts (3)
ERM 503 Principles of Toxicology (3) or ERM 506 Chemistry of Hazardous Materials (3)

Concentration (9 credit hours)
ERM 523 Soils and Groundwater Contamination (3)
ERM 533 Water and Wastewater Treatment Technologies (3)
ERM 535 Water Law and Policy (3)

Electives or Research (9-15 credit hours)

Culminating Experience (0-6 credit hours)
ERM 593 Applied Project (3)
ERM 599 Thesis (6)
portfolio (0)
written comprehensive exam (0)

Additional Curriculum Information
Students choose one of the culminating experiences listed above. Thesis students take nine credit hours of electives or research; applied project students take 12 credit hours of electives or research; and portfolio and written comprehensive exam students take 15 credit hours of electives or research.

Students should see the academic unit for the approved course list for electives or research. Other coursework may be used with the approval of the academic unit.

The thesis and applied project options require an oral defense.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution; or a cumulative minimum GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply sustainable development practices and trends to water management systems
Apply legal principles and concepts as described in environmental laws and regulations in order to manage engineered, industrial and natural water systems
Apply management, scientific and technical solutions to address water management challenges and problems

Career opportunities

Graduates are employed by industrial operations such as manufacturing and mining industries; federal, state and local environmental and water agencies; environmental firms; utilities; international agencies such as the United Nations and the World Bank; and nongovernmental organizations.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Environmental and Resource Management | SUTON 240
https://poly.engineering.asu.edu/erm/
polygrad@asu.edu
480-727-1874

Environmental and Resource Management, MS (ESERMMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Through the Master of Science program in environmental and resource management, students gain the regulatory and technical background needed to mitigate the environmental impact of industrial sources of pollution, ensure compliance with environmental regulations, and manage and preserve engineered and natural ecosystems. The program is designed for students with a background in the sciences, engineering, management, natural resources management, environmental health and safety, or other affiliated areas.

The curriculum focuses on areas such as environmental law, water and wastewater treatment, air pollution management, solid and hazardous waste management, management of hazardous materials, soils and groundwater contamination, water law and policy, environmental toxicology, hazardous waste management, natural resources management, occupational health and safety, sustainable development, and international environmental laws and policies.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Environmental Science, BS

Environmental and Resource Management, BS

Environmental Science, BA

Business (Agribusiness Innovation and Technology), BA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours and a written comprehensive exam, or
30 credit hours including the required applied project course (ERM 593)

Required Core (6 credit hours)
ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3) or ERM 527 Environmental and Resources Regulations Concepts (3)
ERM 503 Principles of Toxicology (3) or ERM 506 Chemistry of Hazardous Materials (3)

Track Courses (9 credit hours)

Electives or Research (9-15 credit hours)

Culminating Experience (0-6 credit hours)
ERM 593 Applied Project (3)
ERM 599 Thesis (6)
portfolio (0)
written comprehensive exam (0)

Additional Curriculum Information
Students select either the environmental management track or the international environmental management track.

Students choose one of the culminating experiences listed above. Thesis students take nine credit hours of electives or research; applied project students take 12 credit hours of electives or research; and portfolio and written comprehensive exam students take 15 credit hours of electives or research.

Students should see the academic unit for a complete list of approved electives and track courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in environmental engineering, environmental and resource management, biology, chemistry, geology, environmental health, environmental management, environmental science, occupational safety and health, environmental technology, industrial hygiene, natural resource management, or a related field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is

4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU and need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply sustainable development practices and trends to environmental systems
Apply legal principles and concepts as described in environmental laws and regulations in order to manage engineered, industrial and natural ecosystems systems
Apply management, scientific and technical solutions to natural and anthropogenic environmental problems

Career opportunities

Graduates are employed by industrial operations such as manufacturing and mining industries; federal, state and local environmental and water agencies; environmental firms; utilities; nongovernmental organizations; and international agencies such as the United Nations and the World Bank.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Environmental and Resource Management | SUTON 240

https://poly.engineering.asu.edu/erm/ms-environmental-and-resource-management/
polygrad@asu.edu
480-727-1874

Graphic Information Technology, MS (ESGITMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Master of Science program in graphic information technology is a course-based master's program that provides students the opportunity to study various areas of graphics and cross-media design. Through the courses offered, students gain a working knowledge of the technology and management required in the diverse graphic industries. Possible course tracks include cross-media design, user experience and user interface, front-end web design and development, and the business of design.

This program prepares students to become industry leaders who develop and manage content across numerous communication and distribution modes. Students will be empowered to think critically, creatively and collaboratively in an environment that promotes project-based learning. Students will practice building client- and audience-centered design solutions, address client and user needs, and focus on industry outcomes.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Science (Internet and Web Development), BAS

Graphic Information Technology (Full-Stack Web Development), BS

Graphic Information Technology, BS

Applied Science (Graphic Information Technology), BAS

Graphic Information Technology (User Experience), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours - Course-based Master's Option

Required Core (6 credit hours)
GIT 537 Current Issues in Cross Media Production (3)
GIT 540 Cross-Media Design Solutions (3)

Electives (21 credit hours)

Other Requirement (3 credit hours)
GIT 500 Research Methods (3)

Additional Curriculum Information
This master's degree is a course-based program. Students should see their program advisor for a complete list of approved elective coursework. This course-based, professional graduate degree is structured to allow students an additional elective in place of a culminating experience, providing more hands-on, project-based learning aligned with professional outcomes.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or master's degree from a regionally accredited institution in a related field such as graphic design, web design and development, photography, videography, motion graphics and visual effects or user experience design.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution; or a cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch at ASU (https://globallaunch.asu.edu/learn-english/asu-admission) offers an online alternative to standardized testing for international students who are seeking admission to ASU and need proof of English proficiency.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Admission Services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/graphic-information-technology-ms/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze current cross-media research to determine appropriate standards for application to proposed solutions.
Build client- and audience-centered design solutions through the synthesis of best practices and research data.
Conduct industry-relevant research and communicate results effectively to diverse audiences.

Career opportunities

Creative and comfortable with complex digital technology, graduates are innovative problem-solvers. They are prepared for leading roles and management positions in the rapidly evolving and diverse graphic technology industries. Opportunities include these positions:

art director
creative director
cross-media designer
digital asset manager
digital media artist
front-end designer or developer
motion graphics artist
pre-media, digital printing and publishing designer
social media content creator
user experience designer
UX/UI engineer

Contact information

Graphic Information Technology | SUTON 240
https://poly.engineering.asu.edu/git/ms-in-graphic-information-technology/
polygrad@asu.edu
480-727-1874

Human Systems Engineering (Aviation Human Factors), MS (ESHSEAHFMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Master of Science program in human systems engineering with a concentration in aviation human factors provides students with a deep understanding of the science of human performance and experience in the aerospace and aviation industries.

Students in this program participate in courses that focus on methods and tools in applied cognitive science, foundations of human systems engineering, uses of simulation, aviation physiology and crew resource management,

among other topics. Students gain an understanding of cognitive science and human systems concepts and tools that enables them to effectively analyze, design, and develop aerospace and aviation products, workspaces, operations and training programs.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (HSE 593)

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Concentration (6 credit hours)
AMT 533 Aviation Systems and Psychology (3)
AMT 565 Safety in Complex Systems (3)

Electives and Research (6 or 12 credit hours)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis and optional for students completing the applied project or portfolio culminating experience. Students in all culminating experience options should contact the academic unit for an approved electives list.

Students who choose a portfolio for the culminating experience must complete 12 credit hours of electives and research coursework, while students who choose an applied project or thesis must complete six credit hours of electives and research coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, aeronautical management, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae or professional resume
• professional statement
• research summary
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Global Launch at ASU (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

The letters of recommendation should be from college professors, employers (in a human factors or aviation-related field) or a combination of academic and professional references.

Applicants to this program generally have completed an undergraduate course in statistics.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Choose the appropriate statistical analysis, address violations of assumptions (e.g., sphericity), & run the analysis using SPSS.
Apply the methods of human systems engineering to test a hypothesis or solve an applied problem
Conduct independent research to address problems in the space of aviation systems and human performance in those systems.

Career opportunities

Graduates of this program are prepared for management, research, and training positions in aerospace and aircraft manufacturing, airlines, flight training and government.

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu

polygrad@asu.edu
480-727-1874

Human Systems Engineering (Health Systems), MS (ESHSEHSMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Master of Science program in human systems engineering with a concentration in health systems provides current and future managers with the technical expertise they need to lead efficient health care systems.

Students learn to identify needs through system modeling, field research and analytics to improve existing health care systems. This concentration program also enables students to perform research and develop innovative approaches to transform health care from reactive to proactive systems, reflecting National Institutes of Health initiatives.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (HSE 593)

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Concentration (6 credit hours)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
BMI 517 Advanced Biostatistics for Biomedical Research and Health Care (3)
BMI 601 Fundamentals of Health Informatics (3)
BMI 605 Health Information Systems and Applications (3)
BMI 613 Workflow Analysis and Redesign in Health Systems Engineering (3)
BMI 615 Human Factors Engineering for Biomedical Applications (3)
BMI 616 Clinical Decision Support and Evidence-based Medicine (3)
HCA 503 Diversity in Aging (3)
HCD 502 Foundations of U.S. Health Systems and Design (3)
HCD 570 Process Engineering (3)
HCD 575 Health Care Transformation and Leadership (3)
HCI 550 Health Care Policy and Innovation (3)

Electives and Research (0 or 9 credit hours)

Other Requirements (3 credit hours)

HSE 525 Health and Human Systems Engineering (3)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For concentration coursework, students select two courses from the list. For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis and optional for students completing the applied project or portfolio culminating experience. Students in all culminating experience options should contact the academic unit for an approved electives list.

Students who choose a portfolio for the culminating experience must complete nine credit hours of electives and research coursework.

Other requirements course HSE 525 is required for all students but in some situations may be substituted with academic unit approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, health, nutrition, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae or professional resume
• professional statement
• research summary
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch at ASU (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the appropriate statistical analysis, address violations of assumptions (e.g., sphericity), & conduct analyses using SPSS.
Apply the methods of human systems engineering to test a hypothesis or solve an applied problem
Conduct independent research to address problems in the space of human performance in healthcare systems.

Career opportunities

Health care is a growing sector of the economy, accounting for 17% of the U.S. gross domestic product in 2022 (https://www.cms.gov/data-research/statistics-trends-and-reports/national-health-expenditure-data/historical). Recent changes to the health care landscape at the federal level have led to increasing demand for measurable increases in efficiency and effectiveness of care delivery. To that end, technologies are deployed to manage, track and measure treatment effectiveness, patient satisfaction, provider reimbursement and process improvement, all of which require understanding of the human system and the complex processes involved in this work. Thus, human systems engineering tools and techniques can create efficiencies to improve system performance in all aspects of care delivery in which a human is involved.

Related to human systems engineers in health care, employment of industrial engineers is projected to grow 12% between 2023 and 2033, according to the Bureau of Labor Statistics; this is faster than average for all occupations.

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu
polygrad@asu.edu
480-727-1874

Human Systems Engineering (Intelligent Systems), MS (ESHSEISMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Intelligent technologies have experienced rapid growth in the last decade. These technologies are now seen within public sector industries such as military and space exploration, private sectors such as medical manufacturing, and the education sector. The rise of learning engineering focuses on interactive e-learning environments and the use of learning technology within classrooms and training settings. The real change will be the way humans can interact with the new robotic and artificial intelligence assistant technologies.

In the Master of Science program in human systems engineering with a concentration in intelligent systems, students gain a deep understanding of the science of human performance and experience in the engineering of intelligent systems, robotics and autonomous systems industries.

Students participate in courses that focus on methods and tools in applied cognitive science and foundations of human

systems engineering, such as uses of simulation and robotics, among other topics.

This concentration prepares students to facilitate the future of work --- when humans will work closely with technology in the military, space exploration, education, manufacturing, medicine and agriculture.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Information Technology (Cybersecurity), BS

Technological Leadership, BS

Information Technology (Networking), BS

Information Technology, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (HSE 593)

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Concentration (9 credit hours)

Electives and Research (3 or 9 credit hours)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis and optional for students completing the applied project or portfolio culminating experience.

Students in all culminating experience options should contact the academic unit for an approved electives list.

Students who choose a portfolio for the culminating experience must complete nine credit hours of electives and research coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, robotics engineering, mathematics or a related field from a regionally accredited institution. Students must have sufficient mathematics background for this concentration, including up to calculus III and linear algebra.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae or professional resume
• professional statement
• research summary
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch at ASU (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

The letters of recommendation should be from college professors, employers (in a human factors- or intelligent systems-related field), or a combination of academic and professional references.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the appropriate statistical analysis, address violations of assumptions (e.g., sphericity), & conduct analyses using SPSS to answer Intelligent Systems-based questions.
Apply the methods of human systems engineering create hypothesis or solve an applied problem related to Intelligent Systems.
Conduct independent research to address problems in the space of intelligent systems

Career opportunities

Graduates skilled in human interactions with robots, AI agents and autonomous systems are needed to design the future of work. To do this, graduates are equipped to join teams of human and nonhuman agents that interact safely and effectively, and make a positive impact on society and human well-being. The individuals who design those interactions and who decide what tasks to allocate to AI need to understand human capabilities and limitations and be able to work on multidisciplinary teams to ensure that human considerations are accounted for.

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu
polygrad@asu.edu
480-727-4723

Human Systems Engineering (User Experience Research), MS (ESHSEUERMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Master of Science program in human systems engineering with a concentration in user experience research focuses on how to conduct human-centered and experimental research to produce products that are useful, usable, desirable and efficient, with functionality that is easy to learn and remember. The program focuses on the research, design and validation of system components an end user interacts with, including software user interfaces, documentation, help systems, user support, aesthetics and communication.

Students may complement their education with courses in graphic information technology, technical communications and entrepreneurship to strengthen their skills in information architecture, visual design and user interface prototyping. Additionally, hands-on user experience projects in these classes help students build portfolios necessary for entry-level positions.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technological Leadership, BS

Human Systems Engineering (User Experience), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (HSE 593)

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Concentration (9 credit hours)
HSE 521 Methods and Tools in Human Systems Engineering (3)
HSE 525 Health and Human Systems Engineering (3)
TWC 511 Principles of Visual Communication (3)
TWC 514 Visualizing Data and Information (3)
TWC 544 User Experience (3)

Electives or Research (3 or 9 credit hours)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For electives and research coursework, enrollment in HSE 592 Research for three credit hours is required for students completing a thesis and optional for students completing the applied project or portfolio culminating experience. Students in all culminating experience options should contact the academic unit for an approved electives list.

Students who choose a portfolio for the culminating experience must complete nine credit hours of electives or research coursework, while students who choose an applied project or thesis must complete three credit hours of electives or research coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, user experience, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae or professional resume
• professional statement
• research summary
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Admission Services.

The letters of recommendation should be from college professors, employers in a human factors-related field or a combination of academic and professional references.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the appropriate statistical analysis, address violations of assumptions (e.g., sphericity), & conduct analyses using SPSS to answer User Experience Research based questions.
Apply the methods of human systems engineering create hypothesis or solve an applied problem related to User Experience Research.
Conduct an independent evaluation to address problems in the space of human performance in User Experience Research.

Career opportunities

In this master's degree program, students are prepared for industry and government careers in positions such as:

game designer
human factors engineer
human systems integrator
information systems designer
interface designer
military scientist
usability engineer
user experience designer

Graduates of the MS program in human systems engineering have found employment in user experience design and user experience research at companies such as Apple, Hulu, Slack, HP, GoDaddy and Intel.

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu

polygrad@asu.edu
480-727-1874

Human Systems Engineering, MS (ECAPSYCHMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

In the Master of Science program in human systems engineering, students gain a deep understanding of the science of human performance and experience.

Students learn to use methods and tools that enable them to apply this understanding as they design and problem-solve in a wide variety of domains such as product usability, learning design, sports performance, cybersecurity, human-robot teaming, and workplace and patient safety.

A wide variety of professions need experts in human factors to work on problems that involve an understanding of human performance. Students gain practical experience by tackling projects that examine contemporary issues, such as cell phones as a source of driver distraction, detection of improvised explosive devices, process optimization in health care, and control of unmanned vehicles.

Interest areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, human-robot teaming, health psychology, learning optimization, social cognition, threat detection and sports psychology.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering, BS

Technological Leadership, BS

Human Systems Engineering (User Experience), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (HSE 593)

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)
HSE 531 Data Analytics: Modeling Human Subjects Data (3)
HSE 542 Foundations of Human Systems Engineering (3)

Electives and Research (12 or 18 credit hours)

Culminating Experience (0 or 6 credit hours)
HSE 593 Applied Project (6) or
HSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
For the culminating experience, students have the option of completing a thesis (with industry guidance), an applied project to develop and demonstrate professional knowledge and skills, or a portfolio.

Students who select the thesis option work on the thesis, under faculty supervision, for at least one calendar year. The first three thesis credit hours are devoted to developing an idea and preparing a proposal for approval by a faculty committee. The next three credit hours involve preparing the details of research design and data collection for the thesis (materials, computer programs, experimental test beds, questionnaires, etc.). The final six credit hours are devoted to collecting and analyzing data and writing and revising the thesis under the direction of the student's committee chair. Students defend the thesis in an oral examination.

If the student is engaged in a project initiated by industry, they may opt for the applied project. Students carry out the applied project, under faculty supervision and guided by industry, in a calendar year in which the 12 credit hours outside the core are allocated to a combination of research, applied project and report writing appropriate to the goals of the student and the industry partner. In all cases, the project culminates in a substantial written report followed by a comprehensive oral examination that covers the project and other materials from required courses.

The portfolio should demonstrate a high level of mastery of the principles and practice of human systems engineering through a compilation of work that the student has completed over the course of their graduate study. The specific details depend on the student's specialization, but all portfolios must describe three notable projects completed or academic accomplishments over the course of graduate study; the evolution and advancement of the student's technical expertise and mastery of the field of human systems engineering should be illustrated. Submitted with the portfolio is a written document comprising an overview of graduate experience and descriptions of the projects presented in the portfolio.

Applied project students take 12 elective credit hours, thesis students take nine elective credit hours plus three credit hours of HSE 592 Research, and portfolio students take 18 elective credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field (including engineering, computer science or business) from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or

the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose describing professional and academic aspirations
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from college professors, employers (in a human factors-related field) or a combination of academic and professional references.

Applicants to this program generally have completed an undergraduate course in statistics.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the methods of human systems engineering to test a hypothesis or solve an applied problem
Conduct independent research to address problems in the space of Human Systems Engineering.
Apply the appropriate statistical analysis, address violations of assumptions (e.g., sphericity), & run the analysis using SPSS.

Career opportunities

This master's degree program prepares students for industry and government careers in positions such as:

game designer
human factors engineer
human systems integrator
information systems designer
interface designer
military scientist
usability engineer
user experience designer

Graduates may work as a member of a design team for a product or system.

Recent graduates are working at Intel, Boeing, GoDaddy, Mayo Clinic, PayPal, Motorola, Google and the Air Force Research Lab, among other employers. Recipients of this master's degree also have gone on to pursue doctorates at ASU and other prestigious institutions.

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu/advising/
polygrad@asu.edu
480-727-1874

Human Systems Engineering, PHD (TSSMACSPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Human systems engineering is a growing transdisciplinary field that consists of the disciplines of psychological sciences and engineering. This field explores how people interact with technological and social systems in contexts that include transportation, medicine, military, computing and other complex systems. The Doctor of Philosophy program in human systems engineering is designed to ensure that graduates are well-grounded and skilled in the methods of human systems engineering.

The program broadly pulls from the areas of human factors and cognitive science. Human factors provides training in the foundation for the application of psychological and physiological principles to the engineering and design of products, processes and systems. Cognitive science provides the foundation necessary for integrating human capabilities and limitations into complex sociotechnical systems (i.e., the practice of cognitive engineering), and the application of cognitive science relies heavily on human systems engineering techniques.

A large domain exists in which the combination of human factors and applied cognitive science with a systems approach is imperative for the design of complex sociotechnical systems. Examples include:

• the design and evaluation of learning settings and technology (learning engineering)
• development of intelligent agents that work well with humans
• driving simulators for research on driver distraction
• dynamical systems models of team interaction
• gaming simulators for studying business decision-making
• human-in-the-loop simulation studies of cybersecurity analysis
• medical simulations for health care research
• models of cognitive states and processes of sociocultural systems
• nuclear control room simulations for improved human system integration
• pilot training research using aircraft simulators
• simulations of consumer behavior
• tests of future airspace control concepts using air traffic control simulators

The curriculum provides transdisciplinary, research-driven training in the computing, engineering, technology, applied cognitive science and human systems integration.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
HSE 520 Methods and Tools in Applied Cognitive Science (3)
HSE 521 Methods and Tools in Human Systems Engineering (3)
HSE 540 Foundations of Applied Cognitive Science (3)
HSE 542 Foundations of Human Systems Engineering (3)

Foundations (6 credit hours)

Methods and Tools (3 credit hours)

Applications (9 credit hours)

Electives (36 credit hours)

Research (6 credit hours)
HSE 792 Research (6) or additional electives as selected by the PhD committee

Culminating Experience (12 credit hours)
HSE 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives.

Electives are identified by the committee and approved by executive committee's approval.

No more than six credit hours of 400-level course work can be included on a graduate plan of study.

Students may petition the HSE Executive Committee to allow HSE-relevant or dissertation-relevant courses to be included as HSE elective courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in psychology, engineering, cognitive science, computer science or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:

• graduate admission application and application fee
• official transcripts from each college or university attended
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Graduates with a PhD in human systems engineering will synthesizing research in human systems engineering into a literature review.
Graduates with a PhD in human systems engineering will be able to answer research questions using the methods and tools of human systems engineering area.
Graduates with a PhD in human systems engineering will be able to independently design an approach for addressing the questions, collecting, analyzing and interpreting data in the area of human systems engineering.

Career opportunities

Graduates are well-grounded in cognitive science and skilled in its methods and applications. Employers (e.g., Department of Defense, Federal Aviation Administration, Nuclear Regulatory Commission, hospitals) have an ever-increasing demand for personnel who can bridge the gap between rigorous science and solutions to contemporary problems. This program prepares students for industry, academic and government careers in positions such as:

human factors engineer
human systems integrator
information systems designer
interface designer
military scientist
usability engineer
user experience designer

Graduates may work as a member of a design team for a product or system.

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu/advising/

polygrad@asu.edu
480-727-1874
Admission deadlines (https://poly.engineering.asu.edu/hse/phd/)

Industrial Engineering, MS (ESINDENMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The industrial engineering Master of Science program prepares students to provide practical and economically efficient solutions to applicable, complex problems --- solutions that require a system-level approach. Examples of these problems include health delivery, food and energy systems, and those that arise in the strategic planning of manufacturing, logistics operations and service industries. Statistics, optimization, computer simulation and advanced analytics are some of the tools used to address these problems.

The industrial engineering program is immersed in the innovative environment that permeates Arizona State University, and its faculty members are internationally recognized for their innovative research projects funded by both government and industry.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

W. P. Carey MBA - Online Program

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering Management, BSE

Industrial Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including a portfolio

Required Core (9 credit hours)
IEE 545 Advanced Simulating Stochastic Systems (3) or IEE 561 Production Systems (3)
IEE 572 Design Engineering Experiments (3) or IEE 573 Reliability Engineering (3) or IEE 578 Regression Analysis (3)
IEE 574 Applied Deterministic Operations Research (3) or IEE 575 Applied Stochastic Operations Research Models (3)

Electives (15 or 21 credit hours)

Culminating Experience (0 or 6 credit hours)
IEE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
The MS in industrial engineering is a 30 credit hour program with a thesis and a nonthesis track. The thesis track requires 24 credit hours of coursework, six credit hours of thesis, a written thesis and a final oral examination. The nonthesis track requires 30 credit hours of coursework and a portfolio. The thesis track includes 15 credit hours of electives, and the nonthesis track includes 21 credit hours of electives. Elective coursework includes IEE 500-level coursework and should be selected in consultation with the program advisor.

At the time of admission, students' applications are considered primarily for the nonthesis track. After enrolling at ASU, a student may consult with and receive approval from the industrial engineering faculty to pursue the thesis track.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from all institutions attended
• a statement of purpose
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the TOEFL iBT, 7.0 on the IELTS or 115 on the Duolingo English test, regardless of their current residency.

At the time of applying, all applicants must have successfully completed a minimum of nine credit hours of calculus (Calculus I, II, III) with a grade of "C" (scale is 4.00 = "A") or higher.

A student with any additional assigned coursework must complete each course with a grade of "B" or better (scale is 4.00 = "A") within two semesters of admission to the program. These courses include:

CSE 205 Object-oriented Programming and Data Structures
IEE 376 Operations Research Deterministic Techniques/Applications

IEE 380 Probability and Statistics for Engineering Problem Solving
IEE 470 Stochastic Operations Research

The applicant's undergraduate GPA and depth of preparation in engineering are the primary factors in admission consideration.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-industrial-engineering/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Conduct advanced modeling from the fields of operations research and management information systems through the use of analysis tools at the MS level
Apply key theories and methods used in the field of industrial engineering to develop solutions.
Integrate learning to deliver an organized description of an industrial engineering solution.

Career opportunities

Industrial engineers integrate people, processes, equipment, information and systems to do things better. Industrial engineering graduates develop, implement and improve processes, operations and systems in industries for manufacturing, services, communications, agriculture or any other field.

Graduates of the MS program in industrial engineering are well suited for careers in logistics, finance, defense, travel and health care.

Contact information

Industrial, Systems & Operations Engineering Prgm | CTRPT 105
https://scai.engineering.asu.edu/graduate-industrial-engineering/
SCAI.Grad.Admission@asu.edu
480-965-3199

Industrial Engineering, PHD (ESINDENPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in industrial engineering engages students in fundamental and applied research. The overall educational objective of graduate study in industrial engineering is to improve each student's ability to identify, define and solve problems and perform original research in order to address the underlying causes of these problems. Industrial engineers develop qualitative and quantitative abilities to guide the design and operation of sustainable organizations and systems.

This doctoral program provides students with a rigorous education and with research and educational experiences. A large number of students are involved in applied research projects that are carried out in the context of government or

privately funded research. Students have many opportunities to participate in highly impactful research projects and interact with the leaders in the subfield in which they choose to specialize. Many students graduate with significant accomplishments resulting from the work they performed during the course of their doctoral study.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (15 credit hours)
IEE 605 Foundations of Information Systems Engineering (3)
IEE 620 Optimization I (3)
IEE 622 Optimization II (3)
IEE 640 Probability and Stochastic Processes (3)
IEE 670 Mathematical Statistics (3)

Electives (42 credit hours)

Research and Internship Required Coursework (16 credit hours)
IEE 594 Conference and Workshop (1)
IEE 700 Research Methods (1)
IEE 784 Teaching Internship (1)
IEE 790 Reading and Conference (1) or IEE 584 Internship (1)
IEE 792 Research (12)

Culminating Experience (12 credit hours)
IEE 799 Dissertation (12)

Additional Curriculum Information
Students are required to complete five core courses within the first year of full-time enrollment in the doctoral program. To be allowed to continue in the program after completion of the core courses, each student must successfully pass a qualifying exam on three of the five core courses.

Eligible students can request a master's in passing after successfully completing a thesis, written comprehensive exam or portfolio, including the completion of 30 credit hours in the doctoral program. Students should discuss eligible coursework with their academic advisor.

A written and an oral comprehensive examination are required no later than the semester following completion of 57 credit hours of coursework in the plan of study. The student must also successfully defend the dissertation prospectus and the dissertation research.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the TOEFL iBT, 7.0 on the IELTS or 115 on the Duolingo English test, regardless of current residency.

GRE® scores are optional, and they do not need to submitted with the application. ASU does not accept the GRE® General Test at home edition.

At the time of application, all applicants must have successfully completed a minimum of nine credit hours of calculus (Calculus I, II, III) with a grade of "C" or higher (scale is 4.00 = "A").

Students assigned any additional admission requirements courses upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Additional admission requirements courses include:

These courses include:
CSE 205 Object-oriented Programming and Data Structures
IEE 376 Operations Research Deterministic Techniques/Applications
IEE 380 Probability and Statistics for Engineering Problem Solving
IEE 470 Stochastic Operations Research

The applicant's undergraduate and graduate (if applicable) GPA and depth of preparation in engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Produce novel scholarly research that makes a unique contribution to the field of industrial engineering.
Develop advanced modeling to solve problems and issues in the field of industrial engineering.
Develop innovative methodology, algorithms and tools to solve a complex systems problem.

Career opportunities

Graduates of the program are prepared for careers in academia, government and industry. In these fields, graduates are qualified to teach, conduct advanced research, and develop and make use of advanced techniques for the operation of their businesses.

Contact information

Industrial, Systems & Operations Engineering Prgm | CTRPT 105
https://scai.engineering.asu.edu/graduate-industrial-engineering/
SCAI.Grad.Admission@asu.edu
480-965-3199

Information Technology, DIT (ESIFTDIT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Doctor of Information Technology program is designed for innovative leaders who wish to improve their knowledge and skills in the technology innovations that are key to leading and influencing organizations. The program provides a multidisciplinary approach that leverages multiple courses for building competencies to innovate reliable, effective and secure communications networks; to design and implement secure systems for both employees and customers; and to leverage data models and architecture to support business decisions from data analytics.

Students develop the engineering skills and professional competencies of collaboration, communication, agility and teamwork to advance their leadership career. Students use leading technologies, including cloud computing, artificial intelligence, cybersecurity and data science, to prepare to work in large corporations, government agencies and small businesses.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

60 credit hours including required applied project course (IFT 793)

Required Core (12 credit hours)
IFT 601 Applied Cybersecurity Systems Analysis (3)
IFT 602 Data Science Programming and Optimization (3)
IFT 603 Technology Strategic Leadership and Ethics (3)
IFT 604 Applied Research and Development Solutions (3)

Restricted Electives (21 credit hours)

Electives or Research (18 credit hours)

Other Requirements (3 credit hours)
IFT 701 Applied Doctoral Project Initiation (3)

Culminating Experience (6 credit hours)
IFT 793 Applied Project (6)

Additional Curriculum Information
Students should consult with advising for recommended 500- and 600-level electives.

When approved by the student's supervisory committee and the Graduate College, 15 credit hours from a previously awarded master's degree can be applied to this degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a master's degree in information technology, information sciences, cybersecurity, computer science, computer systems engineering, computer engineering, software engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should list education, work experience and community service. There are no minimum requirements for the resume; its purpose is to give the committee an opportunity to learn more about the candidate's interests.

Letters of recommendation should come from professors, managers or supervisors, or professional associates.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have the skills necessary to aspire to senior IT leadership positions in multiple industries, such as corporations, governmental organizations and industrial research centers.

Graduates have acquired expertise in a wide variety of industry-specific areas, including:

- cloud and distributed computing

computer systems design and architecture
data analytics and big data
database information management
information security
natural language processing

Contact information

Information Technology | WANER 240
http://engineering.asu.edu/
polygrad@asu.edu
480-727-1874
Admission deadlines (https://poly.engineering.asu.edu)

Information Technology, MS (TSIFTMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Master of Science program in information technology is a transdisciplinary program that prepares students to be industry leaders in the public and private sectors.

Students gain the technical competencies they need to design and develop information technology projects that interconnect people, process and technology to meet the needs of stakeholders and users.

The coursework emphasizes core technologies, and students select from two areas of focus: information technology security or information systems management.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Information Technology (Cybersecurity), BS

Information Technology (Networking), BS

Information Technology, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours including the required applied project course (IFT 593)

Required Core (12 credit hours)
IFT 510 Principles of Computer and Information Technology Architecture (3)
IFT 520 Advanced Information Systems Security (3)
IFT 530 Advanced Database Management Systems (3)
IFT 540 Information Systems Development (3)

Open Electives (0 or 3 credit hours)

Focus Area Electives (15 credit hours)

Culminating Experience (0 or 3 credit hours)
IFT 593 Applied Project (3) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in information technology, computer science, applied computing, computer engineering or a closely related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program; a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution; or a cumulative GPA of 3.00 (scale is 4.00 = "A") from an applicable conferred master's degree program in a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to graduate admission services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is

considered.

The applicant's undergraduate GPA and depth of preparation in information technology and computer science are the primary factors that affect admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/information-technology-ms/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Integrate theories and concepts of information technology in their master applied technology research and industry careers.
Build client-centered technology solution through the synthesis of best practices and transdisciplinary research.
Conduct industry relevant research and communicate results effectively to diverse audiences.

Career opportunities

Graduates of the information technology program, which couples technical skills with the business skills needed to manage technical functions, are well qualified for careers in the management of IT departments. Some graduates pursue careers as technical support staff based on the focus area and secondary skills they achieve. Graduates also have the ability to manage technical professionals within their focus areas.

Contact information

Information Technology | SUTON 240
https://poly.engineering.asu.edu/advising/
polygrad@asu.edu
480-727-1874

Innovations in Medical and Patient Care Technologies, MS (ESIMPCTMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in innovations in medical and patient care technologies, or IMPACT, is designed for engineers eager to deepen their expertise in the rapidly evolving field of health care innovation. This program focuses on the entire biodesign process, equipping students with the skills to develop needs-based solutions and successfully implement innovations into applicable practice. Students gain a comprehensive understanding of how to navigate the complexities of medical technology development, from concept to execution, preparing them to drive impactful advancements in health care.

Coursework is primarily delivered in person, providing students with valuable clinical experience and direct interaction with Mayo Clinic's renowned clinical providers. Throughout the program, students develop the ability to identify critical health care needs, assess which challenges are most feasible to address, invent and implement solutions, all while understanding the regulatory and business frameworks that govern product development. Students also have the

opportunity to engage with local industry experts, Mayo Clinic faculty and leading biodesign educators, gaining insights that bridge theory with practical application.

The IMPACT program provides a strong foundation for further academic pursuits, such as doctoral or medical degree programs, and leadership in any professional role driving health care innovation.

Students complete a clinical immersion, which allows them to pursue a credit-bearing certificate through Mayo Clinic in "Biomedical Innovation."

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required capstone course (BME 543)

Required Core (17 credit hours)
BME 531 Biomedical Innovation I: Clinical Needs Assessment (3)
BME 532 Biomedical Innovation II: Product Design and Prototyping (3)
BME 533 Biomedical Innovation III: Product Development and Commercialization (3)
BME 541 Clinical Innovation I: Clinical Immersion Experience (4)
BME 542 Clinical Innovation II: Product Design Experience (4)

Other Requirements (3 credit hours)
BME 591 Seminar (3)

Electives (6 credit hours)

Culminating Experience (4 credit hours)
BME 543 Clinical Innovation III: Product Development Experience (4)

Additional Curriculum Information
Students in the MS program in innovations in medical and patient care technologies complete 30 credit hours for this degree. Students complete coursework leading up to the capstone culminating experience throughout the program in distinct phases: Clinical Innovation (Needs Assessment/Prototyping) and Biomedical Innovation (Product Development). Clinical Innovation II and III are where the student works on their culminating experience, prototyping, producing and implementing their product.

Students should see their academic advisor for a complete list of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biodesign, biomedical engineering, engineering, medical technologies or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• personal statement
• professional resume
• short answer question
• two letters of recommendation
• official transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

For the personal statement (no more than 2 pages), applicants should explain their professional goals in pursuing a master's degree, what they will contribute to the program and potential design team members, and relevant information to their admission application. Applicants should also describe their educational background and how it contributes to their success in the IMPACT program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The IMPACT program provides a strong foundation for further academic pursuits, such as doctoral degree programs, or leadership in any professional role, driving health care entrepreneurship. Participants are equipped with the skills to innovate in health care technology, from ideation to commercialization. Graduates are prepared to pursue careers in medical device design, entrepreneurship, health care consulting and more.

Career opportunities include:

biomedical product manager
clinical researcher
health care med-tech consultant
hospital C-Suite executive
innovation officer
investor in med-tech startups
medical device engineer
regulatory affairs specialist
startup founder
venture associate

Graduates may be research and development scientists or engineers in the following areas:

business development
policy advisor for health innovation
product development
project management

Contact information

School of Biological & Health Systems Engineering | ECG 334
https://sbhse.engineering.asu.edu/
impact_biomed@asu.edu
480-965-3028
Admission deadlines (https://sbhse.engineering.asu.edu/impact-ms/)

Lean Six Sigma Black Belt (Certificate), Certificate (ESLSSBGRCT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The Lean Six Sigma Black Belt graduate certificate is designed for engineers and managers who oversee tactical and strategic projects as well as various operational functions in their organizations.

This certificate program provides students with a set of contemporary tools to produce measurable improvements in business processes. Students gain an in-depth understanding of the Six Sigma control process and the tools used to define, measure, analyze, and improve effective process and product improvement. They develop the leadership and team-building skills necessary for overseeing continuous improvement projects with many stakeholders, and they understand how lean principles and design for Six Sigma fit into the overall task of product and process improvement.

The culminating experience is in line with the black belt certification requirements used nationwide in similar certification programs.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (IEE 585)

Required Core (6 credit hours)
IEE 570 Advanced Quality Control (3)
IEE 581 Six Sigma Methodology (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
IEE 585 Six Sigma Capstone (3)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

A minimum grade of "B" is required for capstone course IEE 585.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Required Prerequisite Courses:
CSE 110 Principles of Programming, or equivalent
IEE 380 Probability and Statistics for Engineering Problem Solving, or equivalent
MAT 267 Calculus for Engineers III, or equivalent

No more than 40% of coursework toward the requirements of a graduate certificate may be completed before admission to the certificate program.

This certificate is also available through the Pathways for the Future program (https://pff.asu.edu/).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/lean-six-sigma-black-belt-graduate-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the appropriate analytical and statistical methods when managing Lean Six Sigma projects.
Apply the Lean Six Sigma methodology to the design and improvement of processes, products, and services.

Career opportunities

Six Sigma is a proven systematic approach to continuous improvement of critical processes in a wide range of industrial environments such as banks, manufacturing facilities and hospitals. The American Society of Quality defines the

certified Six Sigma Black Belt as a professional who can explain Six Sigma philosophies and principles, including supporting systems and tools.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Industrial, Systems & Operations Engineering Prgm | CTRPT 105
https://scai.engineering.asu.edu/graduate-certificate-lean-six-sigma-black-belt/
SCAI.Grad.Admission@asu.edu
480-965-3199

Learning Engineering (Certificate), Certificate (ESLEGRCT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The graduate certificate program in learning engineering fuses knowledge from the science of learning and skills from a variety of disciplines --- such as human-centered design, usability, evaluation and systems design --- to address challenges that arise within training and educational organizations or systems. This training prepares students to work in interdisciplinary teams to solve problems. Through lectures, discussion and hands-on courses, students gain a grasp of learning engineering methods and can apply them within professional settings.

Students in this certificate program are part of the Learning Engineering Research Network, which enables them to connect with industry professionals and academic researchers within the field of learning engineering.

Disciplines connected to the learning engineering field include:

• computer science
• data analytics and evaluation
• design sciences
• learning sciences
• systems engineering

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

15 credit hours - Learning and Instruction Track, or
15 credit hours - Research and Analysis Track, or
15 credit hours - Systems and Design Track

Required Core (6 credit hours)
HSE 543 Foundations of Learning Engineering (3)
HSE 544 Learning Engineering Seminar (3)

Learning and Instruction Track (9 credit hours) or

Research and Analysis Track (9 credit hours) or

Systems and Design Track (9 credit hours)

Additional Curriculum Information
Students select one of three tracks: learning and instruction, research and analysis, or systems and design. Track coursework consists of nine credit hours from an approved list. Students should consult their program advisor for a complete list of track courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with training in learning engineering are able to effectively improve learning and training in a variety of roles, such as:

data scientist
educational technologist
human factors specialist
learning designer or instructional designer in higher education and K--12 ecosystems
learning engineer
workplace development specialist

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu
polygrad@asu.edu
480-727-1874
Admission deadlines (https://poly.engineering.asu.edu/degrees/graduate-degrees/)

Management of Technology, MS (ESMGMTCHMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

In the Master of Science program in management of technology, students with a STEM background gain a deep understanding of the impact of technology in enterprise environments.

Through a curriculum that emphasizes innovation strategy, data-driven decision-making and an entrepreneurial mindset, students develop leadership and management skills to complement their technical expertise and compete in future economies. Flexible elective options enable students to pursue interests tailored to their professional and technology leadership goals and to gain new capabilities; by integrating disciplines, they learn to transform industries.

Students choose classes in their areas of interest that mix hard and soft skills in critical areas of interdisciplinary data science; sustainable enterprises; social, entrepreneurial and disruptive innovation; enterprise logistics and operations; or advanced technologies such as smart manufacturing and engineering, artificial intelligence or blockchain technology industries.

The program is a good fit for STEM professionals who wish to progress and broaden their careers in their respective technology industries.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Technological Entrepreneurship and Management, BS

Engineering (Mechanical Engineering Systems), BSE

International Trade, BS

Engineering (Clean Energy Systems), BSE

Technological Leadership, BS

Engineering (Electrical Systems), BSE

Global Management, BGM

Engineering (Automotive Systems), BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours including the required applied project course (TMC 593)

Required Core (15 credit hours)
FSE 501 Technology Entrepreneurship (3), OMT 598 Intrapreneurship in Industrial HR Management (3) or TEM 501 Technological Innovation and Entrepreneurship (3)
OMT 520 Strategic Management of Technology (3)
OMT 570 Advanced Project Management (3)
TEM 505 Data-driven Decision Making (3)
TEM 531 Disruptive Innovation and Technological Evolution (3)

Restricted Electives (3 or 6 credit hours)
OMT 504 Ethical Issues in Technology (3)
OMT 548 Statistical Methods for Research (3)
TEM 507 Venture Digital Data Analytics (3)
TEM 508 Crowdfunding, Currency and Blockchain Innovations (3)
TEM 530 Statistics Bootcamp for Industry (3)
TEM 598 Special Topics (3)
TMC 584 Internship (3)
TMC 590 Reading and Conference (3)

Electives or Research (9 credit hours)

Culminating Experience (0 or 3 credit hours)
portfolio (0)
TMC 593 Applied Project (3)

Additional Curriculum Information
For their culminating experience, students complete an applied project or a portfolio. The supervised applied project should demonstrate the student's ability to apply research skills in practice. The portfolio highlights three major accomplishments in the program and may include projects, papers, ventures and research. The portfolio includes a resume, written reflection, and self-assessment of graduate program accomplishments, with the supporting assignments and projects included. Portfolio submissions are reviewed by the student's faculty advisor and program chair for consistency in grading.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in engineering, engineering technology, hard science, mathematics, computer science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should describe the student's background and professional goals, and explain how the program will help them achieve those goals. The statement should also demonstrate good communication skills in English.

Applicants should have one to three years of industry experience in a technology-driven business; experience in entrepreneurship, product development, marketing and intrapreneurship is a plus.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students have international internship and embedded learning opportunities with a diverse and inclusive group of professionals and colleagues. International students have secured internships within the U.S., based on market conditions in the Phoenix metropolitan area, and in other states during the summer session. On a competitive basis, the program offers embedded learning for select courses with either a technology focus or a social entrepreneurship focus; participating companies include Honeywell, Intel, NXP and United Way. Study abroad opportunities include summer programs in Japan and Ireland through the Global Education Office (https://goglobal.asu.edu/).

Career opportunities

Graduates of this program are well positioned to move into innovation decision-making, management or executive roles, or to develop their own ventures. They are prepared to pursue careers in technology-based companies in the U.S. and around the world. Opportunities include these positions:

artificial intelligence machine manager or learning integration manager
business development and operations manager
chief innovation officer
chief technology officer
data business analyst
director or vice president of product innovation

founder or chief executive officer
manufacturing director
market research analyst
production manager
supply chain manager

Contact information

Tech Entrepreneurship & Mgmt | SUTON 240
https://poly.engineering.asu.edu/degrees/graduate-degrees/
polygrad@asu.edu
480-727-1874

Manufacturing Engineering, MS (TSMEGRMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Manufacturing engineering draws on two distinct bodies of knowledge: manufacturing processes (i.e., how materials are altered in either shape or properties) and the processes of manufacturing (i.e., manufacturing systems and management). This combination of topics is embedded in the Master of Science program in manufacturing engineering, and students can follow their interests by developing deeper expertise in either manufacturing processes or the processes of manufacturing.

The program provides advanced technical content to help students prepare for career transitions and improve company competitiveness. It consists of a core set of courses that provides all students with advanced knowledge of manufacturing fundamentals and an introduction to systems engineering. The expertise developed in the core curriculum supports course offerings that build on existing unit faculty strengths, including smart automation; industrial robotics; additive and subtractive manufacturing processes; and data-driven modeling and simulation, microelectronics manufacturing and manufacturing management. Focus areas within this master's program include advanced manufacturing processes, factory operations management and smart manufacturing processes.

Thesis, applied project and portfolio options are offered for the culminating experience.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Manufacturing Engineering, BS

Engineering (Mechanical Engineering Systems), BSE

Engineering (Electrical Systems), BSE

Engineering (Automotive Systems), BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (MFG 593)

Required Core (9 credit hours)
EGR 520 Engineering Analysis I (3)
EGR 522 Statistics for Quality Control in Manufacturing (3)
MFG 510 Manufacturing Systems Management (3)

Electives (15-21 credit hours)

Culminating Experience (0-6 credit hours)
MFG 593 Applied Project (3) or
MFG 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in engineering, physical sciences, mathematics or similar from a regionally accredited U.S. institution, or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that institution's country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch at ASU (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) offers an online alternative to standardized testing for international students who are seeking admission to ASU and need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Unofficial transcripts may be submitted at time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MS program in manufacturing engineering find opportunities in both large and small corporations and government agencies, and within startup enterprises, where they play a critical role.

Typical job responsibilities include manufacturing process design, manufacturing process management, and quality control and assurance. Graduates with advanced degrees have opportunities to participate in and lead research teams that are developing the next generation of advanced manufacturing technologies.

ASU manufacturing engineering graduates are well placed and command top salaries in their engineering careers, some of which include:

- additive manufacturing
- automation and robotics
- engineering economics
- logistics and supply chain management
- manufacturing operations
- project management
- quality management and reliability

Contact information

School of Manufacturing Systems and Networks | ISTB12 301
https://msn.engineering.asu.edu/degrees/graduate/manufacturing-engineering-ms/
msngrad@asu.edu
480-727-2097

Manufacturing Engineering, PHD (ESMFGPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

In the Doctor of Philosophy program in manufacturing engineering, students acquire the knowledge, skills and abilities to meet the most difficult challenges of modern manufacturing industries on a global scale. The program involves faculty and industry members together with a hands-on approach to education and research, providing students with various career development opportunities (e.g., internships and exchange experiences).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work

authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, an oral comprehensive exam, a written comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
EGR 520 Engineering Analysis I (3)
EGR 602 Principles of Independent Research (3)

Other Requirements (9 credit hours)
MFG 691 Seminar (3 semesters of 1 credit) (3)
Students choose two courses related to their research area.
Examples include:
MFG 522 Intermediate Engineering Statistics (3)
MFG 523 Artificial Intelligence for Smart Manufacturing (3)
MFG 574 Polymer Science and Additive Manufacturing (3)
MFG 575 Design for Additive Manufacturing (3)
MFG 581 Simulating Manufacturing Systems (3)
MFG 582 Metal Additive Manufacturing (3)

Research (12 credit hours)
MFG 792 Research (15)

Electives or Research (45 credit hours)

Culminating Experience (12 credit hours)
MFG 799 Dissertation (12)

Additional Curriculum Information
When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a minimum of a bachelor's or master's degree in manufacturing engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 ="A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae or professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose requirement is a 300- to 500-word statement describing the applicant's motivation and rationale for obtaining a doctorate in manufacturing engineering at Arizona State University and how it relates to their long-term career goals.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates typically seek research-oriented academic appointments or industrial research and development positions.

Professionals with a doctorate in manufacturing engineering have substantial opportunities at all levels in manufacturing engineering in research and development at companies, research institutes and national laboratories (e.g., Department of Defense, Department of Energy, NASA). Relevant careers and related titles include:

industrial engineer
manufacturing engineer
materials engineer
materials scientist
mechanical engineer
mechatronics engineer

Contact information

School of Manufacturing Systems and Networks | ISTB12 301
https://msn.engineering.asu.edu/degrees/graduate/manufacturing-engineering-phd/
msngrad@asu.edu
480-727-2097

Materials Science and Engineering, MS (ESMATEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The Master of Science program in materials science and engineering stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in thermodynamics, structures and mechanical properties; kinetics; optical and magnetic properties; materials characterization; and energy production and storage.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mechanical Engineering, BSE

Mechanical Engineering (Computational Mechanics), BSE

Mechanical Engineering (Energy and Environment), BSE

Physics, BS

Materials Science and Engineering, BSE

Chemistry, BS

Chemical Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including a portfolio, or
30 credit hours including the required applied project course (MSE 593)

Required Core (6 credit hours)
MSE 503 Concepts in Materials Science (3)
MSE 523 Structural and Mechanical Properties of Materials (3)
MSE 524 Advanced Thermodynamics (3)
MSE 525 Fundamentals of Electrical, Optical and Magnetic Materials and Device Applications (3)
MSE 550 Advanced Materials Characterization (3)
MSE 560 Nanomaterials in Energy Production and Storage (3)
MSE 561 Phase Transformations, Kinetics and Diffusion in Solids (3)

Technical Electives (18 or 24 credit hours)

Culminating Experience (0-6 credit hours)
MSE 593 Applied Project (3) or
MSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
The materials science and engineering MS program has two options: thesis and nonthesis.

All students are admitted to the nonthesis option, which requires a portfolio. During the last semester of their program, students in this option submit a portfolio that contains at least two projects from previous materials science and engineering coursework, along with a paper explaining the projects. Students must successfully complete the portfolio

requirements to pass the culminating experience. Students who complete a portfolio must also take an extra six credit hours of elective coursework to reach the required 30 credit hours for the program.

Students in the applied project option write a report in consultation with their faculty chair and present it at the end-of-semester poster symposium.

If students wish to change to the thesis option, a faculty advisor must be secured, and then a petition may be submitted to request the change to the thesis option. Students in the thesis option must complete a thesis and pass the thesis defense examination.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Admission to the materials science and engineering graduate program is highly competitive. All applicants must submit:
• graduate admission application and application fee
• official transcripts from all institutions attended
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants whose native language is not English must achieve a minimum score of 90 on the internet-based TOEFL taken in a testing center.

Admission to the accelerated master's degree program requires an ASU GPA of 3.50 (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-materials-science-and-engineering/) for program descriptions and to request more information.

Career opportunities

The program prepares engineers for doctoral study or for industrial positions that specialize in research, project management and product innovation in materials science and engineering.

Professionals with a materials science and engineering master's degree have strong opportunities at all levels in material design, selection, synthesis and characterization for a wide variety of applications, including electro-optical-magnetic systems, environmental systems, energy conversion and storage, manufacturing, and construction. Materials jobs are available at many high-tech and manufacturing companies of all sizes, as well as national laboratories (Department of Energy, Department of Defense, NASA) and universities. Analytical skills learned in materials engineering are also valued for other nonengineering positions.

Career examples include:

engineer
engineering manager or director
engineering professor
research engineer

Contact information

Materials Science and Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/graduate/materials-science-and-engineering-ms/
semtegrad@asu.edu
480-965-2335

Materials Science and Engineering, PHD (ESENMATPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in materials science and engineering draws on a fundamental base of knowledge, with underpinnings in physics, chemistry and engineering. The program extends that knowledge to address a wide variety of materials-driven challenges, such as energy efficiency, sustainability, functional nanostructures, electronic materials, biomaterials and polymers.

Interdisciplinary in nature, the curriculum offers required courses in four core subjects:

• advanced thermodynamics
• kinetics and phase transformations
• physics of materials
• structure and properties of materials

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
MSE 523 Structural and Mechanical Properties of Materials (3)
MSE 524 Advanced Thermodynamics (3)
MSE 525 Fundamentals of Electrical, Optical and Magnetic Materials and Device Applications (3)
MSE 561 Phase Transformations, Kinetics and Diffusion in Solids (3)

Electives (3-18 credit hours)

Research (24-39 credit hours)
MSE 792 Research

Other Requirement (3 credit hours)
MSE 591 Seminar (3)

Culminating Experience (12 credit hours)
MSE 799 Dissertation (12)

Additional Curriculum Information
Students entering the program with a bachelor's degree are required to complete a minimum of 18 credit hours of elective coursework. Graduate elective courses may be selected from any of the graduate courses in the materials science and engineering curriculum as well as elective courses from related disciplines (e.g., chemistry, physics, electrical engineering), subject to approval by the faculty advisor. These courses should comprise a focused plan of study with emphasis in a particular area of materials science, organized in consultation with faculty supervisory committee.

Students entering the doctoral program with a master's degree need to complete 24 credit hours of research (MSE 792). Students entering with a bachelor's degree are required to complete 39 credit hours of research (MSE 792).

MSE 591 is a one credit hour course to be taken in three semesters. The seminar course consists of a series of seminars presented by invited speakers and graduate students. Doctoral students are required to give a seminar presentation once during the academic year after they have begun their research.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework comprise electives and research coursework as specified by the academic unit. If the master's degree has not been completed, a maximum of 12 credit hours of graduate work may be applied with program approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

Admission to the materials science and engineering doctoral program is highly competitive. All applicants must submit:

• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Once the application file is complete, the file is forwarded to the faculty admission committee for evaluation and recommendation.

The admission process considers all aspects of the student's application. The typical successful applicant has, at minimum, a cumulative GPA of 3.25 (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program and high TOEFL scores if applicable.

Financial aid is available to highly qualified students. The most common type of financial aid is teaching and research assistantships, which are accompanied by tuition waivers and major medical insurance benefits. Other types of financial aid include Ira A. Fulton Schools of Engineering fellowships and Science Foundation Arizona fellowships.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for professional careers in materials science and engineering and related fields in industry, government and educational institutions.

Professionals with a materials science and engineering doctoral degree have strong opportunities at all levels in material design, selection, synthesis and characterization for a wide variety of applications, including electro-optical-magnetic systems, environmental systems, energy conversion and storage, manufacturing and construction. Materials jobs are available at a large number of high-tech and manufacturing companies of all sizes, as well as national laboratories (Department of Energy, Department of Defense, NASA) and universities. Analytical skills learned in materials engineering are also valued in other nonengineering positions.

Career examples include:

engineer
engineering manager or director
engineering professor
research engineer

Contact information

Materials Science and Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/graduate/materials-science-and-engineering-ms/
semtegrad@asu.edu
480-965-2335

Mechanical Engineering, MS (ESMEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Master of Science program in mechanical engineering stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mechanical Engineering, BSE

Mechanical Engineering (Computational Mechanics), BSE

Aerospace Engineering (Astronautics), BSE

Mechanical Engineering (Energy and Environment), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (MAE 593)

Major Area of Emphasis (12 or 15 credit hours)

Technical Electives (6 or 9 credit hours)

Mathematics (6 credit hours)

Culminating Experience (0-6 credit hours)
MAE 593 Applied Project (3) or
MAE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
All students are admitted to the nonthesis option unless a faculty thesis advisor is secured, at which time the student

can initiate a change to the thesis option.

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required throughout the program. Candidates for the program must complete a minimum of 30 credit hours of approved courses at the 500 level and higher, with a minimum cumulative GPA of 3.00 or higher.

Coursework for the major area of emphasis is restricted to MAE coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency; a minimum score of 80 on the TOEFL iBT® (taken in a testing center) is required.

Admission to the mechanical engineering graduate program is highly competitive; preferred applicants have an undergraduate degree in aerospace engineering or mechanical engineering.

Admission to the accelerated master's degree program requires an ASU GPA of 3.50 (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for doctoral study or industrial positions that specialize in research, project management and product innovation in mechanical engineering.

Professionals with a mechanical engineering master's degree have strong opportunities at most levels in mechanical engineering in research, design and manufacturing at companies of all sizes as well as national laboratories

(Department of Energy, Department of Defense, NASA). Analytical skills learned in mechanical engineering are also valued for other nonengineering positions.

Career examples include:

engineer
engineering manager or director
research engineer

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/graduate/mechanical-engineering-ms/
semtegrad@asu.edu
480-965-2335

Mechanical Engineering, PHD (ESMEPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Doctor of Philosophy program in mechanical engineering emphasizes original research and stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy. Modern computational and laboratory facilities are available to support timely research investigations.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

84 credit hours
qualifying exams
written and oral comprehensive exams
prospectus
dissertation

All students pursuing the doctorate are required to pass both a qualifying and a comprehensive examination administered by the program committee.

credit hours of coursework directly related to the research area (18)
credit hours of mathematics (9)
credit hours of graduate elective courses outside the major research area (9)
MAE 792 Research
MAE 799 Dissertation credit hours (12)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree from an accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• GRE scores
• personal statement
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency and is required to achieve a minimum score of 80 on the TOEFL iBT® (taken in a testing center).

ASU does not accept the GRE® General Test at home edition.

Admission to the mechanical engineering doctoral program is highly competitive, and preferred applicants have an undergraduate or Master of Science degree in aerospace engineering or mechanical engineering. The admission process considers all aspects of the student's application, and admission is not guaranteed. The typical successful applicant has at least a cumulative GPA score of 3.25 (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program, and a high GRE score. A successful applicant whose native language is not English typically also has a high TOEFL score.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the PhD program have a strong background for employment in academic institutions, government laboratories and industrial research laboratories with a focus on mechanical engineering.

Professionals with a mechanical engineering doctoral degree have strong opportunities at all levels in mechanical engineering in research, design, and manufacturing at companies of all sizes as well as national laboratories (Department of Energy, Department of Defense, NASA). Analytical skills learned in the field of mechanical engineering are also valued for other nonengineering positions.

Career examples include:

- engineer

engineering manager or director
engineering professor
research engineer

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/graduate/mechanical-engineering-ms/
semtegrad@asu.edu
480-965-2335

Modern Energy Production and Sustainable Use, MS (ESMEPSUMS)

College/School: Ira A. Fulton Schools of Engineering
Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

In the Master of Science program in modern energy production and sustainable use, students are provided with the skills and knowledge they need to address the challenges associated with the different modalities in energy production and storage. They are encouraged to work with instructors in the program who are conducting research.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mechanical Engineering, BSE

Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio

Required Core (6 credit hours)
Students choose two courses:
ALT 535 Applied Photovoltaics (3)
CHE 573 Fuel Cells and Biofuel Cells (3)
CHE 578 Biomass Energy Conversion Technology (3)
EEE 563 Nuclear Reactor System Dynamics and Diagnostics (3)
MAE 576 Energy Efficiency (3)
MAE 579 Wind Energy (3)

MAE 582 Renewable Energy: Mechanical Systems (3)
MSE 503 Concepts in Materials Science (3)
MSE 560 Nanomaterials in Energy Production and Storage (3)

Mathematics Elective (3 credit hours)

Sustainability Electives (6 credit hours)

Technical Electives (15 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
The modern energy production and sustainable use program requires a nonthesis portfolio.

Students should see the academic unit for a list of approved elective coursework. Other coursework may be used with approval of the academic unit.

During the last semester of their program, students submit a portfolio that contains at least two projects from previous engineering coursework, along with a paper explaining the projects. Students must successfully complete the portfolio requirements to pass the culminating experience.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any engineering, physical science or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• professional resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The minimum score required on the TOEFL iBT is 90.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Differentiate key concepts within energy storage and demonstrate their understanding of those concepts on the written exam.
Differentiate key concepts of energy generation and sustainable energy use within energy-centric engineering and demonstrate their understanding of those concepts on written exams and presentations.
Demonstrate problem-solving skills in an engineering-related field.

Career opportunities

This program prepares students for professional careers in transdisciplinary areas of renewable energy generation and storage, energy-saving materials, manufacturing, sustainable transportation and related fields in industry, government and educational institutions.

Professionals with a modern energy production and sustainable master's degree have strong opportunities at all levels in various energy-related technologies with private and government entities. The skills learned in this degree program prepare graduates for a career as a practicing engineer.

Career examples include:

development engineer
process engineer
product engineer

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://semte.engineering.asu.edu/modern-energy-production-and-sustainable-use-ms/
semtegrad@asu.edu
480-965-2335

Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), Certificate (ESMCTBGRCT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

This program is not accepting applications at this time.

Program description

Engineers are constantly improving in their capability to manipulate the components of biological systems. Approaches to localized delivery of drugs, genetic manipulations of cells, and the building of tissue scaffolds are changing rapidly.

The certificate program in molecular, cellular, tissue and biomaterials engineering exposes students to many of the principles and techniques that are central to the field. Students who complete the program have a set of skills that enables them to participate in engineering biological systems at levels ranging from molecular to tissue.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
BME 567 Tissue Engineering and Regenerative Medicine (3)

Electives (12 credit hours)

Additional Curriculum Information
Students should see the academic unit for an approved list of elective courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants can see more information below.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students must have a BS or BSE in biomedical engineering; or a BS or BSE in engineering plus advanced (postbaccalaureate) training in medicine, physiology or related fields; or a BS in a science discipline plus additional background work in biology, thermodynamics, fluids, transport, and additional work in medicine, physiology or related fields. Specifically, applicants need to demonstrate equivalent proficiency in at least four of the following five areas:

• biomaterials
• electrical networks or circuits
• engineering mechanics
• fluid mechanics or engineering transport
• thermodynamics or physical chemistry

Admission examinations are not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply advanced biological concepts and principles at the cellular and molecular level to biomedical engineering solutions.
Generalize advanced techniques and concepts from the cellular and molecular level to tissue engineering to address biomedical questions
Apply biomaterials knowledge to solve biomedical engineering problems at the graduate level.

Career opportunities

Professionals who specialize in molecular, cellular, tissue and biomaterials engineering are in high demand. They are sought after by local, national and international employers across sectors and industries, including business, academia, health care, government and research.

Contact information

School of Biological & Health Systems Engineering | ECG 334
https://sbhse.engineering.asu.edu
sbhse.advising@asu.edu
480-965-3028

Neural Engineering (Certificate), Certificate (ESNENGRCT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

ASU is not currently accepting applications for this program.

Program description

Technologies for ameliorating neural disorders, such as epilepsy, paralysis and those caused by stroke, are developing rapidly. Understanding and deploying these technologies require specialized skills in neurophysiology, bioelectricity and neural-electronic interfaces.

The certificate program in neural engineering prepares clinical, industrial and academic practitioners with these skills through courses in areas of knowledge in neurophysiology, neuroanatomy and neuropathology. Students then learn the state-of-the-art neurotechnologies applied to current neural disorders as well as the biophysics that these devices exploit.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
BME 526 Introduction to Neural Engineering (3)
BME 561 Clinical Neuroscience (3)

Electives (9 credit hours)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants can see below for more information.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The English proficiency requirement is equivalent to the ASU Graduate College policy: TOEFL iBT (taken in a testing center) score of at least 80, or IELTS overall band score of 6.5.

Applicants must have earned a BS or BSE or master's degree in biomedical engineering; or have earned a BS or BSE in engineering and have advanced (postbaccalaureate) training in medicine, physiology or related fields; or a BS in a science discipline plus additional background work in thermodynamics, fluids and transport, and additional work in medicine, physiology or related fields. Specifically, applicants need to demonstrate equivalent proficiency in at least four of the following six areas:

• biomaterials
• electrical networks or circuits
• engineering mechanics
• fluid mechanics or engineering transport
• signals and systems or control systems
• thermodynamics or physical chemistry

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply advanced neural engineering concepts and principles to biomedical engineering solutions at the graduate level.
Apply advanced neurorehabilitation principles to biomedical engineering solutions at the graduate level.

Contact information

School of Biological & Health Systems Engineering | ECG 334
https://sbhse.engineering.asu.edu
sbhse.advising@asu.edu
480-965-3028

Nuclear Power Generation (certificate), Certificate (ESNPGGRCT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The nuclear power generation graduate certificate program is a transdisciplinary professional option within the Ira A. Fulton Schools of Engineering.

Students typically begin with the study of nuclear science and engineering fundamentals. Subsequent core courses focus on nuclear power plant dynamics and diagnostics, nuclear power plant operations and safety, and nuclear reactor theory and design.

Elective courses enable students to tailor their remaining studies toward facilitating their career goals and to focus on studies tied to their academic interests. Example elective courses include nuclear power engineering, health physics and electrical power plants.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
EEE 562 Nuclear Reactor Theory and Design (3)
EEE 563 Nuclear Reactor System Dynamics and Diagnostics (3)
EEE 564 Interdisciplinary Nuclear Power Operations (3)

Electives (6 credit hours)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in an engineering or science discipline, such as physics, chemistry or mathematics, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admission application and application fee
• official transcripts

• statement of career and educational goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Transcripts should be submitted for all undergraduate and graduate coursework taken.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-nuclear-power-generation/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Master electrical engineering theory in the nuclear engineering field at an advanced level.
Master electrical engineering theory in the nuclear engineering field at an advanced level.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of three leading research universities from three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration certificate program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

The program prepares students and professionals from a variety of engineering and scientific disciplines to work effectively in the nuclear energy industry. Career options include positions in nuclear power plants, government regulatory agencies and national laboratories.

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Robotics and Autonomous Systems (Artificial Intelligence), MS (ESRASAIMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The concentration in artificial intelligence is one of four concentrations in the multidisciplinary Master of Science program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, AI and related fields. This concentration is appropriate for students who wish to emphasize applications in AI and computer science.

Students receive a solid theoretical and practical background in a variety of topics that facilitate the study of intelligent agents --- that is, any robotic system that perceives its environment and takes actions that maximize its chance of successfully achieving its goals. Thus, students in this concentration are exposed to the frontiers of the general topics in AI, including statistical machine learning, computer vision, natural language processing, knowledge retrieval and reasoning, and formal methods of planning. As compared with the other concentrations, the AI concentration focuses more on the algorithmic aspects of robotics.

This concentration program is offered by the School of Computing and Augmented Intelligence.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Informatics, BS

Computer Science, BS

Computer Systems Engineering, BSE

Software Engineering, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (CSE 593)

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3) or RAS 501 Applied Linear Algebra for Engineers (3)
MAE 547 Modeling and Control of Robots (3) or RAS 545 Robotic Systems I (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
CSE 593 Applied Project (3) or
CSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students are required to select one of the approved culminating experiences for the concentration.

A defense is required for the thesis option. The portfolio is a compilation of two projects that are finished in the required concentration courses. Students must write a portfolio report that includes the highlights of the two projects. The applied project is a written report and oral presentation on research related to the student's coursework and interests.

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the graduate program committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants to the artificial intelligence concentration are expected to have basic knowledge in key relevant areas (e.g., programming languages, discrete mathematics, data structures and algorithms, or similar topics). Indicative ASU courses include MAT 242 Elementary Linear Algebra; MAT 243 Discrete Mathematical Structures or 300 Mathematical Structures; MAT 266 Calculus for Engineers I; MAT 267 Calculus for Engineers II; PHY 121 University Physics I: Mechanics; CSE 220 Programming for Computer Engineering or 240 Introduction to Programming Languages; and CSE 310 Data Structures and Algorithms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of this program are prepared for doctoral study and for industrial positions in numerous industries as varied as manufacturing, transportation, aerospace, defense and health care.

Contact information

Computer Science and Engineering Program | CTRPT 105
https://ras.engineering.asu.edu/
SCAI.Grad.Admission@asu.edu
480-965-3199

Robotics and Autonomous Systems (Biomedical Engineering), MS (ESRASBEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The biomedical engineering concentration is one of five concentrations in the multidisciplinary Master of Science program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields. This concentration is appropriate for students who wish to focus on applications in biomedical engineering.

This is an advanced degree that emphasizes competency in the rapidly growing fields of robotics and autonomous systems as well as with applications in biomedical engineering and medicine.

Biomedical engineers work at the interface of technology and medicine on challenges that are critical to the advancement of health and scientific discovery.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (BME 593)

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3) or RAS 501 Applied Linear Algebra for Engineers (3)
MAE 547 Modeling and Control of Robots (3) or RAS 545 Robotic Systems I (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
BME 593 Applied Project (3) or
BME 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students are required to select one of the approved culminating experiences for the concentration.

Students should see the academic unit for the approved concentration coursework and the available elective or research courses. Elective or research coursework must be selected from among the courses listed for the other concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the graduate program committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for doctoral study and for industrial positions in numerous and varied industries, such as manufacturing, transportation, aerospace, defense and health care.

Contact information

Harrington Bioengineering Program | ECG 334
https://ras.engineering.asu.edu/
sbhse.advising@asu.edu
480-965-3028

Robotics and Autonomous Systems (Electrical Engineering), MS (ESRASEEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

This advanced degree program emphasizes competency in the rapidly growing fields of robotics and autonomous systems. This concentration is appropriate for students who wish to focus on applications in electrical engineering.

The electrical engineering concentration is one of five concentrations in the multidisciplinary Master of Science program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

Students in this concentration receive a solid theoretical and practical background in a variety of topics, including theory, design and implementation of control systems; signal processing; real-time and embedded systems; computer vision; and machine learning. They are exposed to state-of-the-art and emerging theories and implementations related to sensing, data processing, adaptive control, automated mobility, autonomous systems, human-machine interaction and robotic applications in various domains, such as public safety, manufacturing, health care, automotive and assistive technologies.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Electrical Engineering (Electric Power and Energy Systems), BSE

Electrical Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (EEE 593)

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3) or RAS 501 Applied Linear Algebra for Engineers (3)
MAE 547 Modeling and Control of Robots (3) or RAS 545 Robotic Systems I (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
EEE 593 Applied Project (3) or
EEE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students should refer to the academic unit for the approved concentration coursework and the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the Graduate Program Committee.

Students are required to select one of the approved culminating experiences for the concentration.

A defense is required for the thesis option.

The portfolio includes a poster presentation with content from courses taken in the program. Students must write a portfolio report that includes the highlights of the three projects.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze and apply key sensing, signal processing, and control theories and methods used in this field.
Differentiate key concepts within electrical engineering, demonstrate their understanding of those concepts on their portfolio or thesis at the end of their program, and demonstrate the ability to critically think and synthesize information.
Understand and apply skills needed in order to select and secure professional employment in an electrical engineering related field by practicing the skills they have learned in their courses and showing they have the ability to work successfully within the electrical engineering field applying concepts from their academic experience, synthesizing knowledge, self-assessment on the student's part, and teamwork/communication to address societal needs.

Career opportunities

Graduates of the electrical engineering concentration of the MS program in robotics and autonomous systems are prepared for doctoral study and for industrial positions in numerous and varied industries, including:

aerospace
defense
health care
manufacturing
transportation

Contact information

Electrical Engineering Program | GWC 209
https://ras.engineering.asu.edu/
AskEE@asu.edu
480-965-3424

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS (ESRASMAEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The mechanical and aerospace engineering concentration is one of the concentrations in the multidisciplinary Master of Science program in robotics and autonomous systems. The program emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

This concentration is appropriate for students who wish to focus on applications in mechanical or aerospace engineering.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mechanical Engineering, BSE

Aerospace Engineering (Astronautics), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (MAE 593)

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3) or RAS 501 Applied Linear Algebra for Engineers (3)
MAE 547 Modeling and Control of Robots (3) or RAS 545 Robotic Systems I (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
MAE 593 Applied Project (3) or
MAE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students are required to select from one of the available concentrations and one of the approved culminating experiences for the concentration.

A defense is required for the thesis option. The applied project requires a written report and an oral presentation. The portfolio includes a poster presentation with content from courses taken in the program. Students must write a portfolio report that includes the highlights of the three projects.

Students should see the academic unit for the approved concentration coursework and the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the graduate program committee. Three credit hours of internship may be included among the electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in engineering, science, mathematics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Robotics engineers are in high demand in various engineering specialty areas, such as manufacturing, mechanical, aerospace, biomedical-rehabilitation, autonomous vehicle, and AI engineering. Skills in the design and control of robotic systems, AI, machine learning and robot perception are valuable to consumer, automotive, aerospace and defense industries.

Career examples include:

automation engineer
machine learning and AI engineer
robotics engineer
systems engineer

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://ras.engineering.asu.edu/
semtegrad@asu.edu
480-965-2335

Robotics and Autonomous Systems (Mechatronics and Automation), PHD (ESRASMAPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The mechatronics and automation concentration of the Doctor of Philosophy program in robotics and autonomous systems provides an opportunity for in-depth independent research in a highly focused problem domain approved by the student's advisory committee. This program is intended primarily for those who desire to develop expertise in a particular and focused problem in the field of robotics and autonomous systems, including both traditional and advanced robotics and autonomous systems technologies, systems integration and data-fusion techniques, and modeling and simulation development.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, an oral comprehensive exam, a written comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)

Concentration (6 credit hours)
EGR 550 Mechatronic Systems (3)
RAS 546 Robotic Systems II (3)

Other Requirements (6 credit hours)
EGR 602 Principles of Independent Research (3)
RAS 545 Robotic Systems I (3)

Electives or Additional Research (36 credit hours)

Research (12 credit hours)

Culminating Experience (12 credit hours)
RAS 799 Dissertation

Additional Curriculum Information
For elective courses, up to six credits of MAE, EEE, MFG, EGR, CSE, AME or RAS 590 Reading and Conference are allowed.

The classes listed under the core requirements can also be taken as electives, if not already counted toward the core requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a master's degree in robotics and autonomous systems or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume

• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with a doctorate in robotics and autonomous systems typically seek research-oriented academic appointments or industrial research and development positions. As trained researchers and scientists, graduates perform analysis, evaluation and synthesis for a wide variety of problems related to the design, implementation and efficient operation of robotics and autonomous systems. These professionals have substantial opportunities at all levels in manufacturing engineering in research and development at companies, research institutes and national laboratories (e.g., Department of Defense, Department of Energy, NASA). Relevant careers and related titles include:

electronics engineer
industrial engineer
manufacturing engineer
mechanical engineer
mechatronics engineer
robotics engineer

Contact information

School of Manufacturing Systems and Networks | TECH 100
https://msn.engineering.asu.edu/degrees/robotics-and-autonomous-systems-mechatronics-and-automation-phd/
msngrad@asu.edu
480-727-2097
Admission deadlines (https://msn.engineering.asu.edu/degrees/graduate/)

Robotics and Autonomous Systems (Systems Engineering), MS (ESRASSEMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

This advanced degree program emphasizes system-level competency in the rapidly growing fields of robotics and autonomous systems.

The systems engineering concentration is one of the concentration options in the multidisciplinary Master of Science program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

This concentration is appropriate for students who wish to focus on applications in systems engineering.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Manufacturing Engineering, BS

Robotics and Autonomous Systems, BS

Engineering (Mechanical Engineering Systems), BSE

Engineering (Electrical Systems), BSE

Engineering (Automotive Systems), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (RAS 593)

Required Core (6 credit hours)
MAE 501 Linear Algebra in Engineering (3) or RAS 501 Applied Linear Algebra for Engineers (3)
MAE 547 Modeling and Control of Robots (3) or RAS 545 Robotic Systems I (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)
RAS 593 Applied Project (3) or
RAS 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students are required to select one of the approved culminating experiences for the concentration.

A defense is required for the thesis option. The applied project requires a written report and an oral presentation. The portfolio includes a summary of the graduate program and a report highlighting three projects from the program.

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics, or others approved by the graduate program committee. Three credit hours of internship may be included among the electives.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in engineering, physical sciences, mathematics or a similar field from a regionally accredited U.S. institution or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that institution's country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts from each college or university attended
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU and need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for industry careers in positions such as:

- automation engineer
- controls engineer
- machine learning engineer
- robotics engineer
- systems engineer

Contact information

School of Manufacturing Systems and Networks | ISTB12 301
https://msn.engineering.asu.edu/degrees/graduate/
msngrad@asu.edu
480-727-2097

Semiconductor Processing (Certificate), Certificate (ESSCPRGRCT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

This certificate program provides a series of courses in semiconductor processing, packaging and characterization that prepare students for careers in the industry or for graduate studies. Students select from a set of core courses and technical electives.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
EEE 530 Microelectronics Manufacturing (3)
IEE 572 Design Engineering Experiments (3)
MSE 550 Advanced Materials Characterization (3)

Electives or Research (6 credit hours)

Additional Curriculum Information
Students should see the academic unit for available elective and research coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's or master's degree in engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/semiconductor-processing-graduate-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate an understanding of key concepts of thin film processing in the field and how to apply those concepts in their culmination event (Portfolio).
Demonstrate an understanding of key film materials characterization in the field and how to apply those concepts in their culmination event (portfolio).

Career opportunities

Professionals with a semiconductor processing certificate can find employment with semiconductor device manufacturers and semiconductor processing equipment manufacturers at all levels. Graduates are prepared with the skills needed for a career as a practicing engineer.

Career examples include:

development engineer
process engineer
product engineer

Contact information

School for Engineering of Matter,Transport & Enrgy | ECG 202
https://semte.engineering.asu.edu/certificate-in-semiconductor-processing/
semtegrad@asu.edu
480-965-2335

Sensor Signal and Information Processing (Certificate), Certificate (ESSSIPGRCT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The graduate certificate program in sensor signal and information processing provides background and application-oriented training in processing and interpreting signals acquired from sensors. The focus is on building knowledge and skills in several sensor network applications.

The program includes courses on signal and data processing for sensor systems. Course topics include digital signal processing, random signal theory, detection and estimation, sensor systems, big data and machine learning. The certificate may be completed with on-campus coursework and iCourses.

STEM-OPT extension eligible: No

Degree requirements

16 credit hours

Required Core (7 credit hours)
EEE 517 Sensors and Machine Learning (1)
EEE 554 Probability and Random Processes (3)
EEE 556 Detection and Estimation Theory (3) or
EEE 606 Adaptive Signal Processing (3) or
EEE 607 Speech Comprehension and Recognition (3)

Electives (5 or 6 credit hours)

Other Requirements (3 or 4 credit hours)
EEE 509 DSP Algorithms and Software (3) or EEE 591 Seminar: Digital Signal Processing (4)

Additional Curriculum Information
For the required core, students choose either EEE 556, EEE 606 or EEE 607. Additionally, students complete either EEE 591 Seminar: Digital Signal Process and five credit hours of electives, or EEE 509 and six credit hours of electives.

For electives, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in an engineering or science discipline, such as physics, mathematics or computer science, from an accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted to a graduate degree program before they can be considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Regular admission is granted to applicants who have at least a GPA of 3.00 or equivalent (scale is 4.00 = "A") and are competitive in the applicant pool. All prerequisites for the sensor signal and information processing certificate required

courses must be in place (EEE 203 and EEE 350 from ASU, or signals and systems, and random signals course equivalents from other universities).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Master electrical engineering theory in the sensor and signal processing field at an advanced level.
Master electrical engineering theory in the sensor and signal processing field at an advanced level.

Career opportunities

The certificate is a professional graduate program. The area of sensor information extraction and interpretation has various professional applications, including:

communications
health
media
security
sustainability

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Software Engineering, MS (TSSERMS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Master of Science program in software engineering focuses on students' development of advanced knowledge and abilities in the design and application of software.

This unique MS program involves the application of engineering principles to software development, including design methodologies, operation principles, and maintenance and testing approaches. Students learn to solve issues through engaging projects, commonly as a member of a development team. The program develops students' professional skills in this discipline and provides opportunities for them to engage in and develop research abilities.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Software Engineering, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (SER 517)

Required Core (9 credit hours)
SER 501 Advanced Data Structures and Algorithms (3)
SER 502 Emerging Languages and Programming Paradigms (3)
SER 515 Foundations of Software Engineering (3)

Electives (15 or 18 credit hours)

Culminating Experience (3 or 6 credit hours)
SER 517 Software Factory Capstone (3) or
SER 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for a list of approved electives.

For the culminating experience, students have the choice of completing the capstone course (SER 517) or a thesis (SER 599). Completion of 30 credit hours of coursework is required for all culminating experience options.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited institution (or international equivalent).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or CV
• proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must demonstrate English proficiency by scoring at least 90 on the TOEFL iBT® (taken in a testing center), 7 on the IELTS or 115 on the Duolingo English test regardless of their current residency.

Before applying to the software engineering MS program, students are required to have completed two semesters or six credit hours of calculus, equivalent to Calculus I and II with a grade of "C" (scale is 4.00 = "A"). Discrete math is also recommended prior to admission. Students from noncomputing backgrounds may also be eligible with the required math listed and at least six credit hours of computer programming or at least one year of software industry experience.

Students assigned any additional coursework upon admission, must complete those classes with a grade of "C" or higher within two semesters of admission to the program. These courses may include:

CSE 240 Introduction to Programming Languages
SER 222 Design and Analysis of Data Structures and Algorithms or CSE 310 Data Structures and Algorithms
SER 334 Operating Systems and System Programming or CSE 330 Operating Systems

The applicant's undergraduate GPA and depth of preparation in computer science and software engineering are the primary factors affecting admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop advanced knowledge and abilities in the design and application of software. (Design)
Apply engineering principles to software projects, including design methodologies, evolutionary development and requirements-driven improvement. (Technical competence)
Demonstrate professionalism in engineering situations and apply software engineering perspective for producing quality software systems. (Professionalism and perspective)

Career opportunities

Graduates are able to design and engineer innovative systems that may include mechanical and electrical components that interact with software. They are prepared for advanced study in computing or in an allied field, or to enter the computing profession, most commonly as an application software engineer.

According to the Bureau of Labor Statistics, software engineers are highly paid, and there is significant growth in the number of employment opportunities. Software engineering jobs may include:

creating applications for mobile devices
creating web applications
designing, creating and validating software for avionics, robotics and similar systems fields

Contact information

Software Engineering | PICHO 245
https://scai.engineering.asu.edu/graduate-program-software-engineering/
SCAI.Grad.Admission@asu.edu
480-965-3199

Sustainable Engineering, MSE (ESSUEMSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Online

Program description

The Master of Science in Engineering program in sustainable engineering is a multidisciplinary graduate program ideal for professionals and graduate-level students with engineering and physical science backgrounds who wish to design a flexible, individualized plan of study.

Courses cover such sustainable engineering topic areas as energy systems and alternative energy production; water, transportation or earth systems engineering; industrial ecology; life cycle assessment; environmental technologies; green construction practices; and sustainable technology systems.

The goal of sustainable engineering is to enable long-lasting improvement of the human condition. Sustainable engineering transcends traditional engineering education by integrating considerations of complex social, environmental, political and economic factors into engineering theory and practice to achieve more economically, technically, environmentally, institutionally and socially efficient and robust solutions.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours and a written comprehensive exam, or
30 credit hours including the required applied project course (CEE 593)

Required Core (9 credit hours)

Infrastructure Systems Track (9 credit hours) or
Green Buildings and Construction Practices Track (9 credit hours) or
Earth Systems Engineering and Industrial Ecology Track (9 credit hours) or
Global Technology and Policy (9 credit hours)

Electives (6-12 credit hours)

Culminating Experience (0-6 credit hours)
comprehensive exam (0) or
applied project (3) or
thesis (6)

Additional Curriculum Information
All students will initially be admitted to the comprehensive exam option. To pursue the applied project or thesis option, students must have a faculty member willing to oversee them.

Students complete nine credit hours in one selected track. Available track options are infrastructure systems, green buildings and construction practices, earth systems engineering and industrial ecology, and global technology and policy. Students should see the academic unit for an approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a bachelor's degree or master's degree in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students who have a degree in civil engineering, environmental engineering, construction engineering, or mechanical engineering or who have an engineering degree other than those listed may be admitted with deficiencies as identified by the sustainable engineering faculty. If the applicant does not have an undergraduate degree in any of these programs, additional requirements may be necessary based on the applicant's background, such as sufficient courses in mathematics that include calculus, differential equations and linear algebra. A faculty committee determines which required courses are needed on a case-by-case basis.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering/) for program descriptions and to request more information.

Career opportunities

Sustainable engineering graduates can pursue careers as:

corporate social responsibility sustainability professionals
sustainability consultants
sustainability managers
water engineering specialists

Contact information

School of Sustainable Engineering & Built Envirnmt | HLMK 437
https://ssebe.engineering.asu.edu/graduate/sustainable/
Sebe.advising@asu.edu
480-965-0595

Systems Engineering, PHD (ESSYSPHD)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Doctor of Philosophy program in systems engineering is a transdisciplinary graduate program offered by the School of Manufacturing Systems and Networks.

The program is aimed at advancing the understanding of complex engineering systems and where these systems are inclusive of technological aspects, as well as social, cultural, environmental and other interacting components that impact the input, output and interactions within a system. The program prepares students to identify, model, analyze, interpret, optimize and manage the multidimensional interactions of the ever-increasing complexity of modern technological and societal challenges.

A typical incoming student in this program has a master's degree in engineering or related discipline. Applicants with a strong research background may be admissible directly from a bachelor's degree program in engineering or a related discipline. The core curriculum provides the foundation for systems thinking, systems identification, systems modeling and systems design and analysis using diverse disciplinary methodological approaches. Students in this program use their capacity to evaluate complex systems and a depth of mathematical maturity to study problems whose complexity is impeding progress toward solutions.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (9 credit hours)
EGR 602 Principles of Independent Research (3)
EGR 608 Advanced Simulation (3)
EGR 611 Complex Engineering Systems (3)

Technical Electives (3 credit hours)

Electives and Research (60 credit hours)

Culminating Experience (12 credit hours)
EGR 799 Dissertation (12) or
MFG 799 Dissertation (12) or
RAS 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used toward this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework are made up of electives to reach the required 84 credit hours.

Students are required to take 12 credit hours of EGR 792, MFG 792 or RAS 792 as part of their research coursework.

Elective coursework should be directly in support of the student's research as advised by the supervisory committee.

Students with a Bachelor of Science degree who are entering the doctoral program in systems engineering must complete at least nine credit hours of approved mathematics courses after the completion of their bachelor's degree. Students select appropriate elective courses in consultation with the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants must have earned a minimum of a bachelor's or master's degree in engineering from a regionally accredited institution, or the equivalent of a U.S. bachelor's degree in engineering, physical sciences, mathematics or a similar field from an international institution that is officially recognized by that institution's country.

Applicants without a master's degree in engineering or a closely related field must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, coupled with a record of research or leadership accomplishments (or both). Applicants with a master's degree in engineering or a closely related field must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program. Exceptional undergraduates are encouraged to apply after they earn a BS degree.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from each college or university attended
• two letters of recommendation
• statement of purpose
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch (https://globallaunch.asu.edu/learn-english/asu-admission) at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU and need proof of English proficiency.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the doctoral program in systems engineering are prepared for industry careers in areas such as:

automotive systems
energy systems, including alternative energy and grids
manufacturing
robotics

Contact information

School of Manufacturing Systems and Networks | ISTB12 301
https://msn.engineering.asu.edu/degrees/graduate/
msngrad@asu.edu
480-727-2097

Technology (Aviation Management and Human Factors), MSTech (TSHFMSTECH)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Master of Science in Technology program offers a concentration in aviation management and human factors.

Students in this program gain professional skills and are exposed to educational theory and practice for use in leadership positions within the aviation industry. Management and leadership positions at airports of all sizes require skills in labor management and policy, economics and analysis, national aerospace structure and aviation law, as well as an awareness of unmanned systems and flight operations. Those interested in the human systems and safety area find exceptional use of educational discussions on human performance and the human limitations and capabilities as they relate to working within a complex system.

Courses are offered at ASU's Polytechnic campus, with some offered as iCourses.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aeronautical Management Technology (Professional Flight), BS

Aeronautical Management Technology (Air Transportation Management), BS

Aeronautical Management Technology (Unmanned Aerial Systems), BS

Aeronautical Management Technology (Air Traffic Management), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (AMT 593)

Required Core (3 credit hours)
OMT 570 Advanced Project Management (3)

Concentration (6 credit hours)
AMT 533 Aviation Systems and Psychology (3)
HSE 530 Intermediate Statistics for Human Systems Engineering (3)

Track Coursework (12 or 15 credit hours)

Restricted Electives (3 or 6 credit hours)

Culminating Experience (0 or 3 or 6 credit hours)
AMT 593 Applied Project (3) or
AMT 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
The student and the supervisory committee chair and committee members are responsible for the detailed design of the student's program requirements and the selection of required courses.

Students in this program have the opportunity to enroll in human systems engineering (prefix HSE) and technological entrepreneurship and management (prefix TEM) graduate courses. Students may focus their study on courses that best prepare them for their career or for the next step in their educational process.

Applied project students complete 15 credit hours (five track courses), and thesis students complete 12 credit hours (four track courses) selected in consultation with an advisor. In addition, three credit hours of AMT elective coursework are chosen in conjunction with the student's advisor or committee. Students who do not select a track complete 15 or 18 credit hours from the restricted electives list or other courses approved by the their supervisory committee. All students in the aviation management and human factors concentration must take at least five AMT graduate courses.

The portfolio option demonstrates a high level of mastery of the principles and practice of aviation management and human factors through a compilation of work the student completes during the course of their graduate study. While the specific details depend on the student's specialization, all portfolios must describe three notable projects or academic accomplishments that illustrate the evolution and advancement of the student's technical expertise and mastery of the field of aviation management and human factors. The submission must include a written document with an overview of the graduate experience and descriptions of projects presented in the portfolio.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a STEM field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or

in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine credit hours of graduate coursework from a U.S. institution or in an applicable conferred master's degree program.

Applicants must submit:
• graduate admission application and application fee
• official transcript from each college or university attended
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Unofficial transcripts may be submitted at the time of application. If admitted, applicants must then submit official transcripts to ASU Graduate Admission Services.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, aptitude demonstrated through professional experience or additional postbaccalaureate education is considered.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for a career in the aviation industry and have the foundation needed for further advanced study. They also have the technical and professional skills necessary for leadership positions in the aviation industry.

Contact information

Aviation Programs | SUTON 240
https://poly.engineering.asu.edu/advising/
polygrad@asu.edu
480-727-1874

Technology (Management of Technology), MSTech (TSMRMSTECH)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

ASU is no longer accepting new students to this program. Interested students should apply to the Management of Technology, MS program.

Program description

As the nature of work continues to change, the world needs new kinds of leaders who can balance the demands of business, technology and innovation. The Master of Science in Technology program with a concentration in management of technology was created for this purpose.

Students in this program develop a foundation in business and develop insights into the implications and impact of technology. The flexibility in course options enables students to gain new capabilities, and by integrating these

disciplines, they learn to transform industries.

Students also acquire a foundation in leadership and managerial skills to complement their existing technical skills. The program then adds innovation strategy, data-driven decision-making, and entrepreneurial skills that companies need to compete in future economies.

Finally, students choose classes in their areas of interest that mix hard and soft skills in critical areas of interdisciplinary data science; sustainable enterprises; social, entrepreneurial and disruptive innovation; enterprise logistics and operations; or advanced technologies such as smart manufacturing and engineering, artificial intelligence or blockchain technology industries.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Technological Entrepreneurship and Management, BS

Engineering (Mechanical Engineering Systems), BSE

International Trade, BS

Technological Leadership, BS

Engineering (Electrical Systems), BSE

Global Management, BGM

Engineering (Automotive Systems), BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours including the required applied project course (TMC 593)

Required Core (3 credit hours)
OMT 570 Advanced Project Management (3)

Concentration (12 credit hours)
OMT 520 Strategic Management of Technology (3)
TEM 501 Technological Innovation and Entrepreneurship (3) or FSE 501 Technology Entrepreneurship (3)
TEM 505 Data-driven Decision Making (3)
TEM 531 Disruptive Innovation and Technological Evolution (3)

Electives (12 or 15 credit hours)

Culminating Experience (0 or 3 credit hours)
portfolio (0)
TMC 593 Applied Project (3)

Additional Curriculum Information
Graduate courses from other majors may be selected with approval from the student's graduate advisory committee; these additional courses are selected to support the student's individual career goals and perceived needs. To ensure that all courses taken fit into the plan of study, all students are expected to discuss their tentative plan with their program advisors before registering for their first class, and they must have an approved plan of study on file by the completion of nine credit hours toward the degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a STEM field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution or in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from each college or university attended
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU and need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate the ability to analyze, design and implement solutions to management of technology problems through applied practice
Demonstrate an ability to communicate complex management of technology solutions effectively
Demonstrate ability to work as an integral team to identify, plan and execute technology-based projects

Career opportunities

The MSTech program with a concentration in management of technology is tailored to individual professional goals, ensuring that each graduate not only obtains basic leadership and management skills, but also is ready to excel in an array of tech leadership roles. Program alumni currently work in fields such as:

artificial intelligence data analytics
manufacturing
marketing
operations management
product management
project management
QA
startup founding

Contact information

Tech Entrepreneurship & Mgmt | SUTON 240
https://poly.engineering.asu.edu/advising/
polygrad@asu.edu
480-727-1874
Admission deadlines (https://poly.engineering.asu.edu/tem/management-of-technology/)

Global Futures, College of

Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)

College/School: College of Global Futures

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

Medicine is infused with moral values and is deeply embedded in a variety of social and cultural contexts which significantly determine the effectiveness of medical care in achieving healthy outcomes for patients and populations. The objective of the biomedical and health ethics concentration in the Master of Arts program in applied ethics and the professions is to integrate academic and clinical dimensions of moral issues with medical practice and biomedical research.

Students from a broad range of backgrounds are exposed to the internal and external logics of medicine, health care and biotechnology, and they gain substantive understanding of ethical, cultural and societal issues in a variety of domains through coursework and other experiences. Students deliberate individually and collectively about a wide range of issues and problems in contemporary medicine and the history of medicine; develop advanced critical normative reasoning and judgment capacities; and cultivate effective communication skills for academic, clinical and policy contexts.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (AEP 593)

Required Core (3 credit hours)
AEP 501 Practical and Professional Ethics (3)

Concentration (3 credit hours)
BIO 516 Foundations of Bioethics (3)

Concentration Electives (18 credit hours)

Culminating Experience (6 credit hours)
AEP 593 Applied Project (6)

Additional Curriculum Information
Electives are related to the concentration study. Students must request approval from the chairperson of the degree program prior to selecting elective coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement of interest and qualification
• resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

School for the Future of Innovation in Society | ISTBX 3rd floor
https://sfis.asu.edu/
sfisgrad@asu.edu
480-727-8787

Applied Ethics and the Professions (Science, Technology and Ethics), MA (LAAEPSEEMA)

College/School: College of Global Futures

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The science, technology and ethics concentration of the Master of Arts program in applied ethics and the professions focuses on the ethical issues that arise from the multiple challenges involved in balancing economic, technological, environmental, social and cultural development in a world increasingly affected by science and technology. The program provides students with a general background in ethics and ethical systems, with an emphasis on ethical issues in science and technology. Students are also exposed to new challenges posed by rapidly evolving sociotechnical systems in such areas as:

• energy, environment and development
• genetic engineering and biotechnology
• information and communication technology
• nanotechnology
• risk assessment
• technology and security

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (AEP 593)

Required Core (3 credit hours)
AEP 501 Practical and Professional Ethics (3)

Concentration (3 credit hours)
HSD 598 Special Topics (3)

Concentration Electives (18 credit hours)

Culminating Experience (6 credit hours)
AEP 593 Applied Project (6)

Additional Curriculum Information
Electives are related to the concentration study. Students must request approval from the chairperson of the degree program before selecting elective coursework. Students should consult their advisor regarding the approved topic for HSD 598.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• personal statement of interest and qualification
• two letters of recommendation
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

School for the Future of Innovation in Society | ISTBX 3rd floor
https://sfis.asu.edu/

sfisgrad@asu.edu
480-727-8787

Applied Mathematics for the Life and Social Sciences (Complex Adaptive Systems Science), PHD (LAAMLCPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

The Doctor of Philosophy program in applied mathematics for the life and social sciences focuses on training researchers to analyze scientific questions at the intersection of the mathematical, life and social sciences. Graduates of the program make innovative and far-reaching scientific contributions that rely on the advanced computational mathematical and modeling approaches.

This program focuses on producing quantitative scientists and applied mathematicians who conduct high-level transdisciplinary research. The program's faculty include mathematicians, statisticians, theoretical biologists and social scientists from five different schools at ASU.

There is a high demand for first-rate scientists, researchers and faculty interested in meeting the challenges faced by communities in today's world. Institutional research and planning programs create the space and opportunity to address such challenges on a global scale. The health, environmental and natural resource challenges in Arizona and the nation are urgently in need of a large pool of researchers with these transdisciplinary skills.

There are three tracks a student can follow. Applied mathematics is a more in-depth focus on the tools applied to the life and social sciences, such as dynamical systems, computational and numerical methods, simulation and mathematical analysis. Life sciences focuses on understanding the tools for representing the structure and operation of complex biological and ecological processes. Social sciences focuses on understanding the tools for representing the structure and operation of complex social systems and processes.

By offering courses that enhance transdisciplinary exchanges and collaboration among the faculty and students interested in addressing questions of social relevance, the program builds upon foundations already established.

The complex adaptive systems science concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive system science at ASU and emphasizes the value of a complex adaptive perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
AML 610 Topics in Applied Mathematics for the Life and Social Sciences (3)
AML 612 Applied Mathematics for the Life and Social Sciences Modeling Seminar (3)

Concentration Courses (6 credit hours)
ASM 570 Fundamentals of CAS Science (3) or BIO 570 Fundamentals of CAS Science (3)
Complex adaptive systems science approaches course (3)

Restricted Electives (12 credit hours)
Biostatistics course (3)
Numerical analysis course (3)
Life sciences and social sciences (6)

Electives (36 credit hours)

Research (12 credit hours)
AML 592/792 Research (12)

Culminating Experience (12 credit hours)
AML 799 Dissertation (12)

Additional Curriculum Information
Students should see the academic unit for a complete list of complex adaptive systems sciences approaches courses required for the concentration.

For required research, other 592/792 Research courses may be substituted with academic unit approval.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 84 credit hours.

Students entering the program without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee and present that research in a public forum before continuing on to the later stage of the doctoral program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. A master's degree in the social sciences (e.g., anthropology, sociology, gender studies or geography), life sciences or related fields (e.g., biology, genomics or ecology), applied mathematics, mathematics or statistics is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 30 double-spaced pages, to be included in their application materials.

Prior to admission, students should have completed, at the undergraduate junior or senior level, a minimum of the following:

• 15 credit hours of mathematics or statistics
• nine credit hours of life sciences and social sciences coursework at the senior or graduate level
• no fewer than three credit hours each of life sciences and social sciences coursework

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

The degree program in applied mathematics for the life and social sciences prepares graduates to enter the environmental, life, health, mathematical and social science fields. Graduates of the program possess the quantitative, scientific and analytical skills that are critical for professionals working in these areas.

The need for scientists and professionals quantitatively trained in the life and social sciences is strong in Arizona and the nation. This degree's applied use of mathematics, modeling, statistics and simulation methodologies are in high demand and provide excellent training for future academics and professionals in industries including:

- bioinformatics

- computational sciences
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science fields

Contact information

School of Complex Adaptive Systems | ECA 100
https://scas.asu.edu/degree-programs/graduate-programs/
CASSgrad@asu.edu
480-727-0478

Applied Mathematics for the Life and Social Sciences, PHD (LAAMLPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

The Doctor of Philosophy program in applied mathematics for the life and social sciences focuses on the training needed for analyzing and more definitively answering questions about underlying patterns hidden within human health, behaviors and experiences, and for teaching others to do the same.

Under the transdisciplinary instruction of national experts from five different schools at ASU, program participants learn new applications for tools such as agent-based models, evolutionary computing, geographical information systems, machine learning, multi-objective optimization, nonlinear dynamical systems and stochastic processes. In doing so, they unlock new revelations and categories for not just understanding the material, but also the need for scientists and professionals quantitatively trained in the life and social sciences.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
AML 610 Topics in Applied Mathematics for the Life and Social Sciences (3)
AML 612 Applied Mathematics for the Life and Social Sciences Modeling Seminar (3)

Other Requirements (15 credit hours)
ASM, AML or BIO: courses in evolution, ecology or social sciences (400 level or above) (3)*
one graduate-level course in biostatistics (3)*
one graduate-level School of Mathematical and Statistical Sciences course approved by graduate chair (3)
APM, AML, MAT 590 or 790 Reading and Conference (6)

*Substitution courses may be acceptable with approval of director.

Electives (39 credit hours)

Research (12 credit hours)
AML 592 or 792 Research (12)

Culminating Experience (12 credit hours)
AML 799 Dissertation (12)

Additional Curriculum Information
Electives must include six credit hours of life science and six credit hours of social sciences.

Once the 15 credit hour requirement in the Other Requirements section has been fulfilled, other courses from that category may be taken as electives.

Students must register for research credit (AML 592 or 792) supported by their participation in one of two summer programs, Mathematical and Theoretical Biology Institute or J. Bustoz Math-Science Honors Program, sponsored by the Simon A. Levin Mathematical, Computational and Modeling Sciences Center. Up to three credit hours of research per summer may be applied based on hours and level of participation with approval from the graduate chair and the summer program director.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives to reach the required 84 credit hours.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. A master's degree in the social sciences (e.g., anthropology, gender studies, geography, sociology), life sciences or related fields (e.g., biology, ecology, genomics), applied mathematics, mathematics or statistics is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 30 double-spaced pages, to be included in their application materials.

Before admission, students should have completed, at the undergraduate junior or senior level, a minimum of the following:

• 15 credit hours of mathematics or statistics
• nine credit hours of life sciences and social sciences coursework at the senior or graduate-studies level
• no fewer than three credit hours each of life sciences and social sciences coursework

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

The need for scientists and professionals quantitatively trained in the life and social sciences is strong in Arizona and the nation. This degree's applied use of mathematics, modeling, statistics and simulation methodologies are in high demand and provide excellent training for future academics and professionals.

Graduates are prepared to enter the environmental, life, health, mathematical and social science fields. They possess the quantitative, scientific and analytical skills that are critical for professionals working in these areas.

This program creates entirely new opportunities, while building upon mathematical foundations and in-demand career paths long established in fields such as:

- bioinformatics
- computational sciences
- data mining
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics

- population dynamics
- social science

Contact information

School of Complex Adaptive Systems | ECA 100
https://scas.asu.edu/degree-programs/graduate-programs/
CASSgrad@asu.edu
480-727-0478

Biomimicry (Certificate), Certificate (LABMYGRCT)

College/School: College of Global Futures

Campus: Online

Program description

The graduate certificate in biomimicry, the practice of emulating nature's strategies for human designs, is offered in conjunction with The Biomimicry Center (https://globalfutures.asu.edu/biomimicry-center/) in cooperation with Biomimicry 3.8, the internationally recognized leader in the field.

The program is designed to enable students to delve into the core fundamentals of biomimicry, such as Biomimicry Thinking and Life's Principles, with the intention to apply the knowledge and tools to their specific interests or discipline. It is best suited for individuals with an established career who wish to integrate biomimicry into their profession. Participants have the opportunity to explore the application of these core fundamentals in their discipline, field or area of interest field during the biomimicry Virtual Design Lab as their culminating project.

Students have the ability to work toward innovative and sustainable solutions within their discipline by emulating nature's time-tested sustainable solutions evolved over the last 3.8 billion years.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (13 credit hours)
BMY 501 Essentials of Biomimicry (1)
BMY 502 Life's Principles (4)
BMY 503 Biology Taught Functionally (4)
BMY 504 Biomimicry Thinking (4)

Other Requirement (2 credit hours)
BMY 530 Virtual Design Lab Practicum (2)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• a completed and uploaded questionnaire
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/international/graduate/english-proficiency) regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biomimicry/) for program descriptions and to request more information.

Global opportunities

Global experience: The biomimicry program offers a distinct global network of participants (approximately 30% are international students). In addition to multiple collaboration opportunities across the program with a diverse set of peers, students can custom design one or more of their practicum courses to include study abroad.

Study abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Professionals can help bring about positive change with the specialized knowledge and skills acquired in the biomimicry program.

Graduates complete the program having gained a biomimicry specialty, enhancing their graduate degree and improving their career prospects. The program also expands graduates' existing professional experience. The certificate can complement virtually any career path, including business, technology, science, education or government, enabling graduates to stand out in a sea of job applicants.

Contact information

School of Complex Adaptive Systems | NVS1 240
https://scas.asu.edu/graduate-certificates/
BiomimicryGrad@asu.edu
480-727-0478
Admission deadlines (https://scas.asu.edu/admissions/how-to-apply/)

Biomimicry, MS (LABMYMS)

College/School: College of Global Futures

Campus: Online

Program description

The world's only Master of Science program in biomimicry is offered in conjunction with The Biomimicry Center (https://globalfutures.asu.edu/biomimicry-center/), in cooperation with Biomimicry 3.8, the internationally recognized leader in the field.

Biomimicry, the practice of emulating nature's strategies for human designs, empowers change agents passionate about a world mentored by life's genius to work toward innovative and sustainable solutions to pressing global challenges. It involves exploring the way business is conducted, buildings and products are designed, governments operate, health care is provided, goods are manufactured and how future generations will be educated --- all inspired by nature's time-tested sustainable solutions developed over the last 3.8 billion years.

The program's curriculum focuses on this emerging field, with a sustainability emphasis. Students complete core content and elective courses, and they also gain biomimicry experience in biome-based applications, business case studies and biological strategy research; in addition, each student completes a self-designed biomimicry project in their chosen career field.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a portfolio

Required Core (14 credit hours)
BMY 501 Essentials of Biomimicry (1)
BMY 502 Life's Principles (4)
BMY 503 Biology Taught Functionally (4)
BMY 504 Biomimicry Thinking (4)
BMY 505 The Ethos of Biomimicry: A Pathway from Practice to Philosophy (1)

Electives or Research (10 credit hours)

Other Requirements (6 credit hours; choose 3)
BMY 530 Virtual Design Lab Practicum (2)
BMY 580 Topic: BioBrainstorm Practicum (2)
BMY 580 Topic: Biomimicry Case Study Practicum (2)
BMY 580 Topic: Biomimicry Genius of Biome Practicum (2)

Culminating Experience
portfolio

Additional Curriculum Information
For electives or research, students should contact the academic unit for the approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• questionnaire (to be filled out and uploaded)
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomimicry/) for program descriptions and to request more information.

Global opportunities

Global experience: The biomimicry program offers a distinct global network of participants (approximately 30% are international students). Students have multiple collaboration opportunities across the program with a diverse set of peers, and they can custom design one or more of their practicum courses to include studying abroad.

Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Training in biomimicry offers a toolkit of transferable skills that enhance work in any field, especially STEM, design, business and sustainability. Graduates engage and lead others within their organization or communities by practicing and demonstrating world-class biomimicry. Opportunities include leading research groups focused on biomimicry thinking, developing in-house training and biomimicry tools for companies, becoming a biologist at the design table, directing sustainability efforts, and leading public engagement initiatives for communities seeking sustainable solutions. Graduates are prepared to facilitate the practice of biomimicry across corporate, government, education and nongovernmental organization sectors.

The knowledge and skills gained can also lead to initiating or transforming a consulting practice into the field of biomimicry. Biomimicry helps set professionals apart, brings about positive change and complements any career path.

Biomimicry is a transdisciplinary, transformative field, and the unprecedented challenges the world faces today demand new thinking, perspectives, tools and solutions. Training in biomimicry distinctly positions one for careers and opportunities that don't yet exist but that the world is demanding.

The School of Complex Adaptive Systems' 2022 alumni employment survey indicates that 100% of the biomimicry graduates who responded are employed or pursuing continuing education.

Contact information

School of Complex Adaptive Systems | NVS1 240
https://scas.asu.edu/degrees/graduate/master-of-science-in-biomimicry/
BiomimicryGrad@asu.edu
480-727-0478
Admission deadlines (https://scas.asu.edu/admissions/how-to-apply/)

Coastal and Marine Science and Management, MS (GFCMSMMS)

College/School: College of Global Futures

Campus: Online

Program description

The Master of Science program in coastal and marine science and management provides core knowledge and professional skills needed to ensure success as the next generation of scientists, resource managers, community leaders, policymakers, innovators, researchers and educators prepare to support and sustain resilient coastal and marine ecosystems for the future. The program prepares students with skills in context-specific and solutions-oriented research, geospatial and statistical data analysis, and written and oral communications, which are needed to lead their communities and organizations, locally and globally, in the stewardship of coastal and marine resources. Through the program coursework and culminating experience, students have the option to conduct use-inspired research and work within communities and both government and nongovernmental agencies on solutions-based projects focusing on coastal and marine science and management, in turn supporting societal needs and the university's mission.

One of the benefits of the program is the opportunity for students to gain additional experience through offerings at the ASU Bermuda Institute of Ocean Sciences (https://bios.asu.edu/) and Center for Global Discovery and Conservation Science (https://globalfutures.asu.edu/gdcs/) in Hawai'i.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (SEA 597)

Required Core (4 credit hours)

SEA 505 Current Topics in Ocean Futures (1)
SEA 585 Graduate Ocean Futures Workshop (3)

Electives and Research (20 credit hours)
electives (17)
quantitative electives (3)

Other Requirements (0 or 3 credit hours)
SEA 596 Ocean Futures Capstone Prep (3)

Culminating Experience (3 or 6 credit hours)
SEA 597 Graduate Ocean Futures Capstone (3) or
SEA 599 Thesis (6)

Additional Curriculum Information
Students choose one of two culminating experience options, the thesis or the capstone. Most students in the program will pursue the capstone and will need to take three credit hours of SEA 596 in preparation for the capstone course. Students who would like to pursue the thesis will need to have an approved faculty advisor upon entry into the program or very early in the program and will need to gain the support of two additional faculty members to be part of their supervisory committee. For electives, students should see the academic unit for approved coursework that supports their educational and career objectives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree in biological sciences, ecology, environmental sciences, environmental studies, geography, marine science, natural resource management, oceanography, sustainability, urban planning, geography or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

The written statement should not exceed 600 words and should describe how the applicant's background will contribute to success in the program, and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from two people who can attest to the applicant's academic and professional achievements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/coastal-marine-science-management) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Beyond these, students in the MS program in coastal and marine science and management have special opportunities to enhance their learning in locations like Bermuda and Hawai'i.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

With the increasing recognition that global oceans and coastal communities play a critical role in protecting future well-being, marine professionals are in high demand across many sectors and industries, including county, state and federal agencies, as well as nongovernmental and community organizations. Those with expertise in areas such as coastal and marine ecosystem science, social and economic system science, natural resource policy and management, land-sea interactions, marine tourism, community-based stewardship, fisheries science and coral reef restoration are valuable to businesses and institutions looking for the next generation of leaders to steward coastal and marine resources.

Career paths include:

- community planner
- conservation manager
- education
- environmental consultant

- environmental scientist
- marine scientist
- natural resource manager
- researcher

Contact information

School of Ocean Futures | WCPH 3rd floor
https://oceans.asu.edu/degrees-programs/graduate-degrees/
SchoolofOceanFutures@asu.edu
480-727-6963
Admission deadlines (https://oceans.asu.edu/admissions)

Complex Adaptive Systems Science (certificate), Certificate (SUCASGRCT)

College/School: College of Global Futures

Campus: Downtown Phoenix, Polytechnic, Tempe

Program description

Complex adaptive systems science is the study of interactive and dynamic systems that change over time, producing their own emergent properties. The complex adaptive systems science graduate certificate can be pursued along with any doctoral degree program at Arizona State University. Students in the certificate program pursue their chosen field of study while addressing intricate global challenges.

Complex adaptive system concepts and methods provide a common language that enables the interdisciplinary collaborations required for coming to grips with the intellectual and societal challenges of today's world. The program trains the next generation of scientists in advanced concepts and methods that are necessary for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing university-wide research on complex adaptive system science at ASU and emphasizes the value of a complex adaptive systems perspective to give science better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
CAS 570 Fundamentals of CAS Science (3)

Electives (12 credit hours)
approved course on methods for complex adaptive system science (3)
approved course on mathematics for complex adaptive system science (3)
approved course on applying complex adaptive systems science in the student's field of study (3)
research or dissertation applying complex adaptive system science approaches in the student's doctoral research electives (3)

Additional Curriculum Information
Students should contact the academic unit about appropriate coursework. Students pursuing the certificate must have a complex adaptive systems science faculty member on their supervisory committee. They must also take three research hours in their doctoral discipline with a complex adaptive systems science faculty member.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they are either enrolled in or accepted into an ASU doctoral degree program and they must be in good standing within the program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• letter of support from an ASU faculty member (for existing ASU students) or other faculty member (for incoming students)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Career opportunities

A complex systems approach to the program means graduates possess the ability to understand the interconnections within and between technological, economic, societal, biomedical and environmental systems and have developed

advanced digital skills like modeling and network science. This gives them an edge in diverse careers in science, technology and data analytics, especially compared with peers in their field of study who lack such expertise.

Graduates who hold this certificate can apply the skills learned to any field or profession, although advanced degrees or certifications may be required. Career area examples include:

- business intelligence analytics
- consulting
- corporate social responsibility and sustainability
- data and microsystem engineering
- data science
- education
- military intelligence systems
- nongovernmental and nonprofit work
- policymaking in government and regulatory agencies
- research and development

Contact information

School of Complex Adaptive Systems | ECA 100
https://scas.asu.edu/graduate-certificates/
CASSgrad@asu.edu
480-727-0478
Admission deadlines (https://scas.asu.edu/admissions/how-to-apply/)

Complex Adaptive Systems Science, PHD (GFCASPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

Complex adaptive systems science serves as a common language to fuse different intellectual disciplines and promote the transdisciplinary collaborations needed to confront the intellectual and societal challenges of the modern world. Rather than focus on specialized understanding of a limited suite of phenomena, as is common in most academic disciplines, complex adaptive systems science emphasizes the multidimensional interconnections among phenomena comprising dynamic, evolving systems. Many of the systems most critical to human life and society can be understood and studied in this way: from cells to organisms to populations to ecosystems to societies to technologies.

The Doctor of Philosophy program in complex adaptive systems science prepares students to be fluent in the language, concepts and methods of complexity needed to enable this innovative and valuable approach to the complexly coupled human and natural world. By embracing this complex systems perspective on human and natural systems --- and, importantly, the multidimensional interconnections between them --- students become advocates for and global leaders of a new kind of science that has the potential to fundamentally transform science, scholarship and society.

ASU is an international leader in complex adaptive systems science. The first of its kind, the Global Biosocial Complexity Initiative represents the world's leading concentration of researchers in complex adaptive systems science --- with more than 100 participating ASU faculty across more than 10 academic units; a growing constellation of research centers; and its partner institution, the Santa Fe Institute, with its resident and external faculty. This collective of faculty is able to offer a new, advanced doctoral degree program that is distinct in both its scope and level of expertise. Students benefit from the expertise of this large group of researchers, with its distinct combination of theoretical foundations, advanced methods and practical applications in complex adaptive systems science.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, an oral comprehensive exam, a written comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)
CAS 570 Fundamentals of CAS Science (3)
CAS 571 Applications of Complex Adaptive Systems (3)

Focus Area (6 credit hours)

Electives (48 credit hours)

Research (12 credit hours)
CAS 792 Research (12)

Culminating Experience (12 credit hours)
CAS 799 Dissertation (12)

Additional Curriculum Information
All doctoral students receive rigorous, advanced training in complex adaptive systems science concepts and methods. The program offers two educational and career pathways.

Domain science focus area: Students enhance complex adaptive science education with in-depth training in a social, life, physical science or engineering field. This enables them to make significant contributions to their chosen domain science field from the perspective of complex adaptive systems science.

Transdisciplinary bridging focus area: Students enhance their complex adaptive systems science education with knowledge of two or more social, life, physical science or engineering fields. They also may augment this with advanced training in computer science and data science. The goal of this focus is to enable students to use a complex adaptive systems science perspective and framework as a bridge to intellectual fusion across multiple disciplines by applying advanced knowledge of complex adaptive systems science theory, data science and information technology.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• writing sample
• three letters of recommendation
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program, describe how completion of the degree will support the applicant's long-term career goals, and explain why the applicant is applying to the College of Global Futures --- and, more specifically, the doctoral program in complex adaptive systems science. The statement of intent should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Applicants need to provide a writing sample that demonstrates graduate or professional-level writing.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Graduates with knowledge and skills in complexity science have a solid foundation for understanding risk and security. They can help develop solutions to complicated challenges in fields such as sustainability, finance, social and ecological sciences, life sciences, biomedical sciences, geophysical sciences and computer science.

Contact information

School of Complex Adaptive Systems | ECA 100
https://scas.asu.edu/degrees/graduate/doctorate-in-cass/
CASSgrad@asu.edu
480-727-0478
Admission deadlines (https://scas.asu.edu/admissions/how-to-apply/)

Complex Systems Science, MS (GFCMPXSSMS)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

Most systems are complex. This means that through the interaction between their parts, these systems exhibit emergent properties and unintended consequences.

The curriculum in the Master of Science program in complex systems science focuses on developing skills in theoretical foundations, modeling, problem-solving, critical thinking, and the importance of direct experience through research or related activities. Complex systems science students cultivate the ability to approach complex problems through analysis and modeling and by identifying issues, asking questions and collaborating with others to create effective solutions.

Knowledge and skills gained in the program include:

• business enabler skills such as project management, decision-making, visualization and data communication
• digital building block skills such as artificial intelligence and data analytics, big data and data management, software development and information security
• domain knowledge in areas such as strategy, economics, marketing, communications and public relations, talent development and human resources, research and design, and product development
• human skills such as critical thinking, creativity, analytical reasoning, communication and collaboration

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required applied project course (CAS 593)

Required Core (15 credit hours)
CAS 501 Fundamentals of Complex Systems Science: Evolution (3)
CAS 502 Fundamentals of Complex Systems Science: Computation (3)
CAS 503 Fundamentals of Complex Systems Science: Collectives (3)

Choose two:
CAS 520 Agent Based Modeling (3)
CAS 521 Methods for Complex Systems Science: Network Analysis (3)
CAS 522 Methods for Complex Systems Science: Dynamical Systems (3)
CAS 523 Methods for Complex Systems Science: Statistics and Dimensionality Reduction (3)

Electives (9 credit hours)

Culminating Experience (6 credit hours)
CAS 593 Applied Project (6)

Additional Curriculum Information
The applied project is a modeling and research project in any of the applied or foundational areas of complex systems science. Students define this project with a faculty mentor and apply a selection of methods covered in the methods courses to a dataset. The applied project also involves the creation of a portfolio of student accomplishments.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/complex-system-science-masters/) for program descriptions and to request more information.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Complex adaptive system concepts and methods serve as bridges between disciplines, providing a common language that enables the interdisciplinary collaborations necessary to come to grips with today's intellectual and societal challenges.

A complex systems approach gives graduates the ability to understand the interconnections within and between technological, economic, societal, biomedical and environmental systems. Graduates have gained advanced digital skills, such as modeling and network science. They are fluent in the language of complexity and have a solid foundation in the domain knowledge of existing academic disciplines. All of this gives them an edge in diverse careers in science, technology and data analytics, especially compared with peers in their field of study who lack such expertise.

Graduates in complex systems science can apply their skills in many areas and professions, and make a difference through innovative and creative methods. Possible career areas include:

- business intelligence analytics and data science
- consulting
- corporate social responsibility and sustainability
- data and microsystem engineering
- education
- environmental systems
- natural or health science management
- nongovernmental and nonprofit work
- policy-making in government and regulatory agencies
- research and development

Contact information

School of Complex Adaptive Systems | ECA 100
https://scas.asu.edu/degrees/graduate/master-of-science-in-complex-systems-science/
CASSgrad@asu.edu
480-727-0478
Admission deadlines (https://scas.asu.edu/admissions/how-to-apply/)

Energy and Sustainability (certificate), Certificate (SUERGSGRCT)

College/School: College of Global Futures

Campus: Tempe

Program description

The global energy system is a complex sociotechnical system. Leaders in sustainable energy must have a transdisciplinary perspective that combines technical, economic, social and policy dimensions of energy systems.

The certificate program in energy and sustainability is designed to train students from diverse educational backgrounds who are in graduate-level, energy-related fields to see beyond the boundaries of traditional methodologies and disciplinary viewpoints, enabling them to integrate technological knowledge with societal insights.

Graduates of the certificate program have a basic understanding of sustainable energy technology and systems, as well as social dimensions, such as markets and policies. They understand energy transitions as a dynamic sociotechnical process; and they are able to perform analyses of energy generation, consumption and costs, and how these metrics can be utilized in policy discussions.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
SOS 572 Sustainable Energy Transitions (3)
SOS 574 Data Analytics for Sustainable Energy (3)

Electives (9 credit hours)
technical fundamentals of energy systems elective (3)
policy and governance of energy systems elective (3)
restricted elective (3)

Additional Curriculum Information
Students should contact the academic unit for the most recent approved elective coursework. Other coursework may be used with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

Future energy challenges will be addressed by leaders who understand the complexity and dynamics of global energy systems and can communicate with diverse stakeholders to implement adaptive solutions. Graduates with this certificate are competitive for employment opportunities in academia, industry or government.

Career examples include:

- policy analyst
- project manager
- regulatory affairs specialist
- renewable energy engineer
- strategy consultant

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
SustainabilityGrad@asu.edu
480-727-6963

Environmental and Sustainability Economics (Certificate), Certificate (SUESECGRCT)

College/School: College of Global Futures

Campus: Downtown Phoenix, Polytechnic, Tempe

Program description

The graduate certificate program in environmental and sustainability economics provides training in the economic theory and quantitative modeling tools of environmental and resource economics. Environmental and resource economics provides an approach for evaluating the consequences, social benefits and costs of changes to markets and environmental policies.

Students of the certificate program are able to identify and evaluate the economic assumptions embedded in policy analyses and recommendations. They are also able to critically evaluate the validity of publications in environmental and resource economics; apply economic modeling approaches to authentic cases; utilize econometric techniques to evaluate causal claims and generate predictions; and test hypotheses using applied economic models.

Prospective students for this certificate include current master's and doctoral students in fields with a sustainability,

environmental science or policy focus --- including sustainability, public affairs, biology, environmental social science, applied mathematics and agribusiness --- in which training in environmental and resource economics may be complementary to research interests or career development. To pursue this certificate, students must be concurrently enrolled in a graduate degree-granting program.

STEM-OPT extension eligible: No

Degree requirements

17 credit hours

Required Core (5 credit hours)
SOS 512 Environmental and Resource Economics (3)
SOS 529 Research Seminar in Environmental and Sustainability Economics (1)

Electives (12 credit hours)

Additional Curriculum Information
SOS 529 is taken twice to meet the five credit hours required.

Students choose one elective course in each of the following categories: microeconomic theory, statistical and econometric modeling, environmental and resource economics, and modeling and empirical methods. Students should see the academic unit for a list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

There is no prerequisite coursework; however, it is strongly recommended that students have at least one semester of

calculus or the equivalent such as MAT 251 Calculus for Life Sciences, MAT 265 Calculus for Engineers or SOS 211 Calculus and Probability.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

Professionals with expertise in environmental and resource economics are in demand across sectors and industries, including business, sustainability, government, biology and applied mathematics.

Career examples include:

- chief sustainability officer
- economist
- environmental economist
- environmental engineer
- environmental protection specialist
- environmental restoration planner
- health sciences manager
- postsecondary environmental sciences professor
- sustainability specialist

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
SustainabilityGrad@asu.edu
480-727-6963

Food Policy and Sustainability Leadership (certificate), Certificate (SUFPSLGRCT)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

The certificate program in food policy and sustainability leadership trains students in food policy, from understanding policymaking to developing specific, master-level skills that enable them to effectively navigate legislative, budgetary and administrative governmental processes. Students are empowered to grapple with modern food system

complexities and become effective agents of change.

Students are exposed to contemporary food policy issues and choose an issue in which they become an expert, with faculty assistance. Students participate in research projects and professional presentations that contribute to food policy knowledge among sustainable food system advocates.

The program includes two weeklong experiences for students to engage in food systems, the first of which is in Arizona. Students have the opportunity to talk with and learn from farmers, ranchers and supply chain businesses about how food and agriculture policies and programs impact their operations. The second is a seminar in Washington, D.C. Students gain knowledge of leadership theories, develop leadership skills, and engage in conversation with influential food policy leaders from a variety of sectors.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (SFS 565)

Required Core (12 credit hours)
SFS 560 Tools and Tactics for Food Policy Change (3)
SFS 561 Food and Farm Immersion Experience (2)
SFS 562 Managing Natural Resources for Food Production (3)
SFS 563 Applied Food Policy Immersion Experience (2)
SFS 564 American Agriculture in the Global Context (2)

Culminating Experience (3 credit hours)
SFS 565 Research Methods and Analysis (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• professional resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

International students who need an F-1 or J-1 visa must apply to and be accepted to a graduate program before they

will be considered for admission to the certificate program. International students who are residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

The personal statement should not exceed 1,500 words, and it should describe a food policy issue of interest to the applicant and explain why the applicant thinks that engaging in policy is important as it relates to this issue.

Applicants should have a minimum of two years of professional or organizational experience in food and agriculture.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/sustainable-food/) for program descriptions and to request more information.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers them close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also have additional information about applying for funding to support global travel.

Career opportunities

Graduates of this program can pair the certificate with a variety of graduate degrees to enhance their expertise and career prospects for work in government, public health organizations, food companies or educational institutions.

Career examples include:

- agricultural consultant
- education coordinator
- food policy analyst
- food resource manager
- lobbyist
- nonprofit advocate
- sustainability manager

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
FoodSystemsGrad@asu.edu
480-727-6963

Futures and Design, MS (GFFDMS)

College/School: College of Global Futures

Campus: ASU at Mesa City Center

ASU is not currently accepting applications for this program

Program description

The Master of Science program in futures and design combines future-focused theories and practices, including speculative design, science fiction and foresight studies, to investigate and craft alternative futures. Students learn a range of future-oriented theories and methods used by organizations today and invent the theories and methods of tomorrow. Students explore a variety of epistemological perspectives and experiential processes to systematically define complex problems and explore robust strategies of change. In doing so, they diversify their critical thinking and problem-solving skills.

Drawing from social theory, innovation studies and design science, the program develops students' capacity to envision new futures across scales of complexity, including objects, platforms, services, organizations and systems. Students work in transdisciplinary teams with professional partners from industry and the community to produce compelling visions of that future in diverse media.

The MS program in futures and design is offered by the transdisciplinary School for the Future of Innovation in Society. One of the benefits of this program is the opportunity to learn within the Media and Immersive eXperience Center (https://herbergerinstitute.asu.edu/degree-programs/mix-center-graduate-degrees), which offers emerging media technologies and collaborative engagement with the community.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (HSD 593)

Required Core (15 credit hours)
HDA 581 Emerging Media Colloquium (3)
HSD 550 Prototyping Futures (3)
HSD 551 Future-Focused Research Methods (3)
HSD 552 Worldbuilding and Imagination (3)
HSD 555 Strategic Design Futures (3)

Electives (9 credit hours)

Other Requirements (3 credit hours)
DSC 584 Internship (3)
DSC 590 Reading and Conference (3)
DSC 592 Research (3)
HDA 580 Practicum (3)
HSD 584 Internship (3)
HSD 590 Reading and Conference (3)
HSD 592 Research (3)

Culminating Experience (6 credit hours)
HSD 593 Applied Project (6)

Additional Curriculum Information
Students take the one credit hour course HDA 581 Emerging Media Colloquium three times to attain a total of three credits for the course.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirement of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures Study Abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

There is an increasing demand for professionals who are trained in navigating uncertainty, design thinking and strategic coping with disruptive change --- key skills that graduates of this program are equipped with. In fact, one of the core methods covered in the program --- scenario planning --- was listed by Bain and Company as one of the top 25 management tools in 2023 (https://www.bain.com/insights/management-tools-scenario-and-contingency-planning/). Harvard Business School has identified anticipation as an essential skill of a strategic leader.

Some career examples include:

- director of futures strategy
- futurist
- global trends manager
- growth strategist
- ideation leader
- issues manager
- principal foresight researcher
- strategic planner

Contact information

School for the Future of Innovation in Society | MIX 309F
https://sfis.asu.edu
MIXStudents@asu.edu
480-965-4539

Global Development and Innovation (Certificate), Certificate (FIGDIGRCT)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

The graduate certificate program in global development and innovation responds to the gap in knowledge and skills that development practitioners around the world often struggle with. It provides current and critical perspectives as well as analytical and practical skills for addressing some of today's most pressing global challenges, including inequality, sustainability and poverty.

Students acquire an understanding of the main debates in global development, and they are able to engage in informed and critical ways with professionals from a range of development backgrounds to challenge development orthodoxies. They learn how to approach development problems with creativity and confidence and with the ability to work collaboratively on addressing some of today's most pressing global challenges, including inequality and sustainability.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
GTD 511 Development Policy and Practices (3)

Electives (12 credit hours)

Additional Curriculum Information
Students complete 12 credit hours of electives: six credit hours of courses focused on global development and six credit hours of other elective courses that are relevant to the certificate. No more than three one-credit courses may count toward the 12. The electives can change over time as needed with unit director approval. For a current and complete list of approved electives, students should see their academic unit.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution or the equivalent from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• personal statement
• resume
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Acceptable proof consists of a TOEFL iBT score of at least 80 (taken in a testing center), an IELTS overall band score of at least 6.5 with no band below 6.0 or a Pearson Test of English score of at least 60.

International students who need an F1 or J1 visa first need to apply to and be accepted into a master's degree or doctoral degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/global-development-and-innovation-graduate-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Able to communicate global development policies, the practice of development, and actual outcomes.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields

of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

This certificate program may be paired with other graduate degrees, enabling graduates to pursue a variety of careers. Professionals with an understanding of the main debates in development are in high demand across a wide range of global development agencies, including nongovernmental organizations, civil society, foundations, industries and philanthropic organizations.

Career examples include:

- data analyst
- development field researcher
- development planner
- development program associate
- gender specialist in nongovernmental organizations
- organizational consultant
- organizational development specialist
- poverty policy analyst
- social entrepreneur

Contact information

School for the Future of Innovation in Society | ISTBX 367B
https://sfis.asu.edu/degree-programs/grad-cert/gdi/
sfisgrad@asu.edu
480-965-6584

Global Sustainability Science, MS (SUGSUSSMS)

College/School: College of Global Futures

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science program in global sustainability science is a two-year, collaborative degree program offered jointly by Arizona State University and Leuphana University of Luneburg, Germany. Students who participate in the program earn a MS in global sustainability science from ASU and a MS in global sustainability science from Leuphana University.

Students from both universities collaborate throughout the program and spend one semester together at Leuphana in Luneburg as well as one semester together at ASU in Tempe, Arizona. The program culminates with a capstone project resulting in a publishable scientific journal article. Students have the opportunity to engage with sustainability problems and solutions in an international setting.

The program focuses on value-oriented and transformational aspects of sustainability, linking research with practical implementation of sustainability solutions. Project-based learning offers students opportunities to conduct their research on practical sustainability solutions in collaboration with stakeholders and professionals. In addition, the

program facilitates intercultural collaboration, which prepares graduates for working in internationally operating institutions and organizations.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

41 credit hours including the required capstone course (SOS 596)

Required Core (17 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 511 Advanced Sustainability Problem Solving (3)
SOS 525 Social-Ecological-Technical Systems (SETS): Domains and Interfaces (3)
SOS 557 Global Sustainability Research Preparation (1)
SOS 558 Global Sustainability Research Project (3)
SOS 559 Global Sustainability Science Perspectives Seminar (1)
SOS 581 Synthesis for Sustainability Research (3)

Methods Elective (3 credit hours)

Open Electives (15 credit hours)

Culminating Experience (6 credit hours)
SOS 596 Capstone: Scientific Paper (6)

Additional Curriculum Information
Students should see the academic unit for elective coursework approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation

• letter of intent or written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants who don't meet the minimum GPA requirement may still be considered, but the college will require a GPA petition.

References should be from educators (this is preferred) or professionals familiar with the applicant's experience and capability for graduate work. It is highly recommended that the recommendations are academic in nature and address the applicant's experience and potential for success in a graduate program; however, professional recommendations also are accepted. If possible, at least one recommendation should be academic in nature.

All applicants must upload a statement of intent when completing the online application. In no more than 600 words, applicants must explain the goals they intend to achieve through their program of study at the College of Global Futures. Applicants should describe how their background will contribute to their success in the program and how completion of the degree program will support their long-term career goals. Finally, applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their program of study and identify potential faculty advisors.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global degree: With a global degree program, students have the opportunity to receive their ASU degree in partnership with an international institution. Students and faculty can create and share knowledge, combining two institutions' strengths in research and teaching to solve pressing global and societal challenges. Global degree programs also give students exposure to international academic experiences and content. Students should contact the academic unit directly for more information about this global degree program.

Career opportunities

Completing a master's degree in global sustainability science can help graduates apply sustainable solutions for a diverse workforce both domestically and internationally. Graduates often enter doctoral studies immediately after completing this program.

According to the School of Sustainability's 2021 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% of respondents have jobs directly related to sustainability.

Career opportunities include:

entrepreneur
field director
program manager
sustainability analyst

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/graduate/

sustainabilitygrad@asu.edu
480-727-6963

Global Technology and Development (Applied International Development), MS (FIGTDAIDMS)

College/School: College of Global Futures

Campus: Online

This program is no longer offering the business specialization option.

Program description

The Master of Science program in global technology and development with a concentration in applied international development is a program focused on policies and practices in the development field and includes specializations provided by other units across the university.

The program offers an interdisciplinary social science curriculum and trains students with diverse undergraduate degrees, backgrounds and experiences. Highly customizable, the program allows professionals at any stage of their career to develop and enhance their skills in planning, management, analysis and evaluation in development practice.

Students select an area to specialize in, such as education, sustainability, health, management, public policy or community development, where they can directly apply their knowledge to a relevant sector. Learning outcomes emphasize the utilization of skills and experience that students already possess, and enhanced abilities in analysis, critical thinking and the application of knowledge to development-related challenges. Through a wide variety of research, policy and special topics courses, students are prepared to finish the degree program with an applied project of their choosing that explores a critical aspect of global development and an applied solution for impact.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (GTD 593)

Required Core (3 credit hours)
GTD 511 Development Policy and Practices (3)

Concentration (9 credit hours)
GTD 501 Global Technology and Development (3)
GTD 503 Technology and the International Political System (3)
GTD 504 Technology and Development in Zones of Conflict (3)
GTD 505 Social Science Inquiry for Global Development (3)
GTD 506 Applied Project Methods in Global Development (3)
GTD 508 Technology and Development in Latin America (3)
NLM 520 Financial and Resource Management (3)
NLM 530 Program Evaluation and Information Management (3)

Specialization Electives (15 credit hours)

Culminating Experience (3 credit hours)
GTD 593 Applied Project (3)

Additional Curriculum Information
Students select three courses from the concentration list for a total of nine credit hours.

Students may take elective courses in an area of interest from a variety of academic programs such as education,

sustainability, health, management, public policy and community development. Students should see the academic unit for available specializations and approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in global development, education, business, health, management, community development or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• two letters of recommendation
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A personal statement of purpose of one to two pages is required for admission as well as two letters of recommendation, either academic or professional. While the GRE is not required, the statement of purpose is a significant factor in the application process, and it should address the background and capabilities of the applicant as well as the applicant's interest in the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/global-technology-development-applied-international-development-ms/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Identify, and critique global technology and development concepts and current challenges.
Identify and articulate a current problem in global development and create relevant and focused applied research project or an applied solution.

Identify current priorities in global development, and critique how discourse, institutions and policies shape development outcomes.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

From the School for the Future of Innovation in Society's 2022 alumni employment survey, 100% of master's degree program respondents are either employed or pursuing continuing education.

Graduates pursue impactful and rewarding careers in international development across all sectors, working for government agencies, nongovernmental organizations, nonprofits, educational institutions, private businesses and corporations. Students learn skills that include research, writing, analysis and the ability to understand the complexity of diverse cultural, social and political contexts. These skills and abilities transfer to a myriad of career pathways, since they are in demand from organizations across industries.

Career examples include:

analyst (research, project, technical, data)
consultant (fundraising, marketing, information technology)
coordinator (environmental, health, safety, operations)
educator (instructional design, teacher, instructor)
manager (product, project, security, business, program, information technology)
project lead (humanitarian missions, information communication technology for development projects, smart city initiatives)
researcher (higher education, government, nonprofit)

Contact information

School for the Future of Innovation in Society | ISTBX 366
https://sfis.asu.edu/degree-programs/masters-programs/gtd-aid/info/
sfisgrad@asu.edu
480-965-6584
Admission deadlines (https://sfis.asu.edu/degree-programs/masters-programs/gtd-aid/admissions/)

Global Technology and Development, MS (LSGTDMS)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

The Master of Science program in global technology and development is a program in international development that examines social, economic and political development and is concerned with the global disparity in wealth and access to resources between and among countries around the world.

Global in scope, the program highlights the variables of technology and innovation in these development dynamics with explicit goals to seek equity and justice and ease human suffering. The program offers an interdisciplinary social science curriculum and trains students with diverse undergraduate degrees, backgrounds and experiences.

Students have the opportunity to pursue a customized program to address social, economic and political challenges anywhere in the world. Through a wide variety of theoretical, research, policy and special topics courses, students are prepared to finish the degree program with an applied project of their choosing that explores theoretical aspects of global development or applied solutions for impact.

Learning outcomes and skills include research, writing, analysis and the ability to understand the complexity of diverse cultural, social and political contexts. These in-demand skills and abilities transfer to a myriad of career pathways.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Innovation in Society, BS

Innovation in Society, BA

Technological Entrepreneurship and Management, BS

Technological Leadership, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (GTD 593)

Required Core (3 credit hours)
GTD 511 Development Policies and Practices (3)

Other Requirements (12 credit hours)
GTD 501 Global Technology and Development (3)
GTD 503 Technology and the International Political System (3)
GTD 505 Social Science Inquiry for Global Development (3)
GTD 506 Applied Project Methods in Global Development (3)

Restricted Electives (12 credit hours)

Culminating Experience (3 credit hours)
GTD 593 Applied Project (3)

Additional Curriculum Information
For the approved electives course list, students should contact the academic unit. Other requirement courses may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree from a regionally accredited college or university recognized by ASU in a related field such as political science, international relations, sociology, anthropology, economics, business, education, technology, engineering, life sciences, foreign languages or literature (i.e., topics related to global development, culture or socioeconomic institutions).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• two letters of recommendation
• resume
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. A TOEFL iBT® score (taken in a testing center) is required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-global-technology-development/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Identify, articulate and critique main theories of global technology and development.
Identify a current problem in global development, and create relevant and focused research questions, followed by a research design, and completed research or applied solution.
Identify current priorities in global development, and critique how discourse, institutions and policies shape development outcomes.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Graduates of the global technology and development program pursue impactful and rewarding careers in international development, across all sectors and in all types of entities: government agencies, nongovernmental organizations, nonprofits, educational institutions, private businesses and corporations.

From the School for the Future of Innovation in Society's 2022 alumni employment survey, 100% of master's degree program respondents are either employed or pursuing continuing education. Of those respondents employed, 67% have jobs directly related to their degree.

Career examples include:

analyst (research, project, technical, data)
consultant (fundraising, marketing, information technology)
coordinator (environmental, health, safety, operations)
educator (instructional design, teacher, instructor)
manager (product, project, security, business, program, information technology)
project lead (humanitarian missions, Information and Communications Technologies for Development projects, smart city initiatives)
researcher (higher education, government, nonprofit)

Contact information

School for the Future of Innovation in Society | ISTBX 366
https://sfis.asu.edu/degree-programs/masters-programs/gtd/
sfisgrad@asu.edu
480-965-6584
Admission deadlines (https://sfis.asu.edu/degree-programs/masters-programs/gtd-2/admissions/)

Human and Social Dimensions of Science and Technology, PHD (GCHSDSTPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

The Doctor of Philosophy program in human and social dimensions of science and technology is an intellectually rigorous program with problem-oriented research. It prepares students to teach and conduct research using humanistic and social science methods on the social, historical, philosophical and policy foundations of science and technology, as well as on their current and future interactions with society.

The curriculum responds to growing demand for transdisciplinary research in the humanities, information sciences and social sciences that can provide insights into the dynamic relationship between science, technology and society.

The program is flexible, combining a strong, integrated first-year experience with substantial freedom for students who, in conjunction with their advisors, design carefully crafted plans of study relevant to their own areas of specialization and expertise. Distinct from programs of this kind in the nation, students also learn to communicate and work with scientists, engineers, policymakers, business and community officials, or the public in conducting and applying research.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (8 credit hours)
HSD 601 HSD I: Human Dimensions of Science and Technology (4)
HSD 602 HSD II: Science, Power and Politics (4)

Electives and Research (64 credit hours)

Culminating Experience (12 credit hours)
HSD 799 Dissertation (12)

Additional Curriculum Information
This is a research degree, culminating in a dissertation, which must draw on multiple disciplinary perspectives.

Students may apply up to 30 credit hours from a prior master's degree toward the total hour requirement, upon approval of the steering committee. Each student, with his or her supervisory committee, develops a distinct plan of study, which the student's supervisory committee approves.

Each student completes a yearlong core seminar, a second-year research project, two major fields, one minor field, methods training, electives and research. Students also regularly attend the program colloquia. There are no foreign language or statistics requirements, except as needed for a particular student's selected dissertation project.

Comprehensive Examination
The written dissertation prospectus and its oral defense constitute the written and oral comprehensive examinations required by the Graduate College for advancement to candidacy. Each student develops a written dissertation prospectus, including a bibliography and discussion of relevant research skills. The student makes an oral defense of the dissertation prospectus to the supervisory committee, which must approve the prospectus. Students normally complete the dissertation prospectus and its defense in the fifth semester.

Dissertation
The dissertation represents an original body of research that contributes to existing knowledge in a significant way.

Final Examination
Upon completing the dissertation, the student makes an oral defense of the dissertation to the supervisory committee, which must approve the dissertation. The doctorate is granted upon successful completion of the oral defense and any revisions to the dissertation required by committee members.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• HSD academic record form
• a curriculum vitae or resume
• a personal statement
• a writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. In order to meet English proficiency, students must have an IELTS overall band score of at least 6.5 with no band below 6.0, or Pearson Test of English score of at least 60, or a TOEFL iBT® (taken in a testing center) score of at least 80. ASU's institutional code is 4007. ASU only accepts electronic copies of the TOEFL score report.

Preference is given to students with demonstrated interest and competence in relevant areas of intellectual work.

The personal statement should be one or two single-spaced pages. It must be a statement of proposed research that clearly explains why the student feels ASU is the appropriate place to pursue their doctorate, identifies at least one faculty member whose interest or work is relevant to the student's proposed research, and describes the goals for pursuing the degree.

The writing sample should be a 10- to 25-page sample of academic writing, such as a course paper, an undergraduate thesis, or an excerpt from a master's thesis.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate foundational theories and existing literature in humanistic and social studies of science and technology and identify gaps and opportunities for future research.
Design a comprehensive research proposal to critique, analyze and explore a key issue or theme in the human and social dimensions of science and technology.
Communicate, orally and in writing, a well-developed research agenda in the human and social dimensions of science and technology.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Professionals with expertise in the human and societal dimensions of science, technology and innovation are in high demand across many sectors. From the School for the Future of Innovation in Society's 2022 alumni employment survey, 100% of doctoral program respondents are employed and have jobs directly related to their degree.

Most graduates have careers in academia, but a number also work in nonprofits, think tanks and government. Skills in foresight, technology assessment, implications and values of innovation, and science policy are critical for guiding businesses, institutions, governments and societies in considering and shaping the role of science, technology and innovation in their futures.

Career examples include:

director of operations
energy social scientist
executive director
information security manager
professor
research and development associate
research strategist

Contact information

School for the Future of Innovation in Society | ISTBX 366
https://sfis.asu.edu/degree-programs/phd-programs/hsd/
sfisgrad@asu.edu
480-965-6584
Admission deadlines (https://sfis.asu.edu/degree-programs/phd-programs/hsd-2/admissions/)

Innovation in Global Development, PHD (FIIGDPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

The Doctor of Philosophy program in innovation in global development emphasizes critical and diverse perspectives on global development and innovative policies and practices that challenge the status quo. This research-based program is both rigorous and flexible, designed to meet the needs of a diverse set of students committed to a vision of development that values context, inclusivity and equity, and is socially, culturally and ecologically sensitive.

Students emerge from this program equipped with the comprehensive research capabilities, critical-thinking skills, leadership skills and global perspectives that are needed to navigate complex development challenges in a way that reduces inequalities and builds a more sustainable and inclusive future.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Global Leadership and Management, DPP

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (14 credit hours)
IGD 601 Re-Thinking Global Development (4)
IGD 602 Innovation for Inclusive Development (4)
IGD 603 Methods for Research in Global Development (4)
IGD 604 Colloquium in Innovation in Global Development (2)

Reading and Conference (3 credit hours)

Electives or Research (55 credit hours)

Culminating Experience (12 credit hours)
IGD 799 Dissertation (12)

Additional Curriculum Information
Students are required to take IGD 604 once for two credits as a core course requirement. They may take it one additional time for two more credits that can be used toward electives.

For the Reading and Conference requirement, students must enroll in IGD 790 Topic: Dissertation Prospectus.

Elective courses are chosen based on the student's area of interest and approval from their committee. Other electives may be used with approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives and research.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in anthropology,

natural resource management, agriculture development, political science, development studies, economics, development management, rural development, technology and development, sociology, science and technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Demonstrated their ability to contribute to the body of knowledge around global development.
> Identify and articulate the main theories, concepts and challenges in the field of global development in their historical and contemporary contexts, and apply them in an equitable and sustainable manner.
> Design a comprehensive research proposal, synthesize a literature review, and analyze datasets using appropriate methodology.
> Communicate, orally and in writing, a well-developed research agenda that includes development themes, theories, policies and practices; methodology and analysis; and conclusions for positive changes in global development.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

The new generation of development scholars are competent in dealing with global development challenges with foresight and imagination that promote well-being and an equitable future for all. Professionals with expertise in global development are in high demand across a wide range of development agencies such as the World Bank, specialized agencies of the United Nations, Asian Development Bank, African Development Bank, United States Agency for International Development and nongovernmental organizations.

Scholars with training in theories, concepts and debates in the field of global development are also in high demand by research institutions, think tanks, universities, development studies centers, multinational companies, foundations and governments.

Career examples include:

development researcher
global development consultant
global development specialist
government official
leader in civil society organizations
organization official
poverty alleviation advocate
professor
program officer

Contact information

School for the Future of Innovation in Society | ISTBX 366
https://sfis.asu.edu/degree-programs/phd-programs/igd/
sfisgrad@asu.edu
480-965-6584
Admission deadlines (https://sfis.asu.edu/degree-programs/phd-programs/igd-2/admissions/)

Nonfiction Writing and Publishing (Certificate), Certificate (LANWPGRCT)

College/School: College of Global Futures

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley

ASU is not currently accepting applications for this program.

Program description

The graduate certificate program in nonfiction writing and publishing teaches students the art of telling true stories. The program is based on the belief that work done within the university is most impactful when it can be shared in a clear and compelling way with audiences beyond one's chosen fields of research.

In this interdisciplinary program, students read, study and write narrative nonfiction, including literary journalism, op-ed pieces, explanatory essays and memoirs. Students learn how to analyze the craft and stylistic decisions of professional and literary nonfiction writers and utilize these skills in their own work.

Award-winning faculty teach scholars and students to produce vivid writing that connects with a larger public; they also teach the most effective ways to get their writing out into the world, be it through blogs, online or print publications, trade books, or film and television.

This program is open to all graduate students who want to write eloquently, persuasively and memorably about their research or life experiences.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
HSD/HPS/HST 520 Masters of Nonfiction (3)
HSD 521 Writing True Stories that Matter (3)

Electives (9 credit hours)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants who attended school outside of the U.S. must hold a bachelor's degree, graduate degree or equivalent from an institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours or 90 quarter hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants are encouraged to enroll in a graduate degree program in conjunction with this certificate but are not required to do so.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Read, analyze, and synthesize works of journalistic or literary nonfiction and create individual works based on key concepts.
Demonstrate an understanding of nonfiction writing and publishing conventions and the ability to write for diverse nonacademic audiences.

Career opportunities

According to Forbes, storytelling is the most important skill in today's job market. Of the many sources of information in the world, people who write compelling stories are best heard.

Graduates with this skill are more attractive to employers both in academia and the private sector. Expertise in writing and storytelling are in demand in many fields, including business, media, entertainment, politics and community organizations. Strong writers and vivid storytellers are particularly valuable to businesses and institutions relying on narrative-based strategies to engage and grow audiences online.

Graduates may pair the certificate with other degrees to create stronger career opportunities.

Career examples include:

communications specialist
content strategist
editor
public relations manager or specialist
screenwriter
social media manager
video game designer

Contact information

School for the Future of Innovation in Society | ISTBX 3rd floor
https://sfis.asu.edu/
sfisgrad@asu.edu
480-727-8787

Ocean Futures, PHD (GFSEAPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

The Doctor of Philosophy program in ocean futures offers advanced doctoral training focused on comprehensively understanding intricate processes that govern the planet's global ocean, including threats to ecosystems and the human populations it supports. Students have the opportunity to learn from and work with leading scientists and conduct use-inspired research that works towards culturally appropriate solutions for local to global stewardship for the future ocean.

The adaptable nature of the curriculum allows students to customize their electives based on their academic and professional goals. The flexibility enables them to leverage research and training opportunities by collaborating with scientific, professional and local communities, as well as stakeholders and rights holders. Students build skills in context-specific and solutions-oriented research, data analysis and communication, in turn supporting societal needs and the university's mission to enhance local impact and social embeddedness.

One of the benefits of the program is the opportunity for students to gain additional experience through course offerings and engagement opportunities at the Bermuda Institute of Ocean Sciences (https://bios.asu.edu/) and the Center for Global Discovery and Conservation Science (https://globalfutures.asu.edu/gdcs/) in Hawai'i.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, an oral comprehensive exam, a written comprehensive exam, a prospectus and a dissertation

Required core (6 credit hours)
SEA 501 Exploring Ocean Futures (3)
SEA 585 Graduate Ocean Futures Workshop (3)

Electives (54 credit hours)

Research (12 credit hours)
SEA 792 Research (12)

Culminating Experience (12 credit hours)
SEA 799 Dissertation (12)

Additional Curriculum Information
Students complete 54 credit hours of electives, nine of which are 500- and 600-level SEA courses and three of which are quantitative and modeling coursework. Electives should be selected in consultation with the program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biological sciences, ecology, environmental sciences, environmental studies, geography, marine science, natural resource management, oceanography, sustainability, urban planning, geography or a related discipline or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admissions application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should not exceed 600 words and should describe how the applicant's research and other background will contribute to success in the program and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the program, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in the doctorate program have opportunities to develop their research with faculty who are working in a diverse array of locations, local and international. In particular, long-standing ASU research centers in Bermuda and Hawai'i offer faculty and logistical support for research projects in the Atlantic and Pacific regions.

Students can find additional internships, and short course programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through the Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

With the increasing recognition that global oceans and coastal communities play a critical role in protecting future human and planetary well-being, graduates of the program find employment in universities, industry, and governmental and nongovernmental organizations that require a marine science background and relevant research experience.

Career possibilities for program graduates include:

community development director
environmental consultant
marine biologist
policy advisor
professor
program manager or director
research scientist

Contact information

School of Ocean Futures | WCPH 3rd floor
https://oceans.asu.edu/graduate/ocean-futures-phd/
OceanFuturesGrad@asu.edu
480-727-6963
Admission deadlines (https://oceans.asu.edu/admissions)

Public Interest Technology, MS (FIPITCHMS)

College/School: College of Global Futures

Campus: Online

Program description

The Master of Science program in public interest technology asks this fundamental question: How can technology be used for good? When studying the public interest, it is vital to understand how new technologies pose new challenges and opportunities for society.

Students in this program acquire the ability to work in cross-disciplinary teams and gain a fluency that permeates technology and society issues and solutions. Students learn to think analytically, design new systems and processes, and gain exposure to emerging technologies that can make a difference in how government agencies, nongovernment organizations, nonprofits and private companies emphasize social impact. People working in this space ask communities what their needs are and use a codesign approach to innovation with cultural awareness and values top of mind.

Public interest technology expertise is relevant to all entities who seek to embed the goals of technology assessment, fairness, sustainability and environmental justice in their products and processes.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Innovation in Society, BS

Innovation in Society, BA

Technological Leadership, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (PIT 593)

Required Core (12 credit hours)
PIT 501 Principles of Public Interest Technology (3)
PIT 502 Co-designing the Future (3)
PIT 503 Technology Impact Assessments (3)
PIT 504 Public Engagement Strategies (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)

PIT 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for the current elective course list. The elective list may change over time as new courses become available. Students must meet any prerequisites for the course in order to register for it or receive permission from the MS in public interest technology degree program chair and the instructor of the course.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, public administration, engineering, business, marketing, science, social science, humanities or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• written statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/public-interest-technology-masters/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Think critically and evaluate the success or failure of existing sociotechnical systems and make recommendations on how to overcome systemic problems related to justice, equity, diversity, inclusion and fairness, among other human rights dimensions.
Create and disseminate the results of their public engagements using different forms of communication such as professional report writing and oral communications, employing creative strategies through traditional and

emerging online platforms.
Apply a transdisciplinary approach in the creation of a public interest technology design or development process, and analyze existing public interest technology solutions by applying fundamental principles, theoretical and conceptual frameworks (e.g., codesign) to practical cases.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Graduates have the ability to enact change within their workplace and to develop ideas for nonprofit and for-profit startups that are user-centric, collective and community-driven. They are public interest technologists, an emerging domain of expertise.

Generally, graduates become:

advisors (solutions, technology impact)
analysts (policy, data privacy, systems)
assessors (public interest technology, public health)
consultants (content strategist, business, safety, user experience)
coordinators (advocacy, standards)
managers (data governance, cybersecurity, data privacy, environmental affairs, executive)
policymakers (human rights, emerging technology)

Other career fields include telecommunications, information technology, biotechnology, government, education, energy, transport, health care and medicine, standard-setting, accountability, oversight and ombudsperson service.

Contact information

School for the Future of Innovation in Society | ISTBX 366
https://sfis.asu.edu/degrees/graduate/public-interest-technology-ms/
sfisgrad@asu.edu
480-727-8787

Responsible Innovation in Science, Engineering and Society (certificate), Certificate (GCRSESGRCT)

College/School: College of Global Futures

Campus: Tempe

Program description

The certificate program in responsible innovation in science, engineering and society is designed for scientists, engineers, social scientists, creatives, research managers, technology officers, public administrators and policy officials who seek to advance or use science and technology to improve societal outcomes and develop creative solutions to the fundamental global challenges of today's world.

The program provides students with knowledge, skills and methods for analyzing innovation and technological systems and it addresses knowledge and uncertainty in decision-making; the regulation and governance of science and technology; the uptake of science and technology in complex societal settings; and interactions between science, technology and the public.

The certificate may be pursued by professionals in industry or government, or by students pursuing other Arizona State University graduate degree programs.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (HSD 580)

Required Core (3 credit hours)
HSD 540 Responsible Innovation and Research (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
HSD 580 Practicum (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Acceptable proof of English proficiency is an IELTS overall band score of at least 6.5 with no band below 6.0 (no institutional code needed); or a Pearson Test of English score of at least 60; or a TOEFL iBT® (taken in a testing center)

score of at least 80. Students should note that the ASU institutional code for the TOEFL is 4007. Also, students should note that ASU only accepts electronic copies of the TOEFL score report.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a master's or doctoral program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

An interview with the program chair is required.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to identify, analyze and recognize an opportunity to justify and design a responsible innovation program within a science and technology initiative.
Students will be able to communicate, in writing and verbally, how to implement a responsible innovation program within a science policy initiative.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

Recent graduates of this program have paired the certificate with technical graduate degrees to make themselves competitive for science policy jobs in the public sector. State legislatures, courts and agencies seek employees with the perspective and ability to understand and analyze how science and technology fit into social, political, environmental and economic contexts.

Career examples include:

analyst
environmental assessor
federal agency staff
government liaison
law clerk
legislative staff

product designer
science and technology communication specialist
writer

Contact information

School for the Future of Innovation in Society | ISTBX 367B
https://sfis.asu.edu/degree-programs/grad-cert/rises/
sfisgrad@asu.edu
480-965-6584

Science and Technology Policy, MSTP (LAHSDPSM)

College/School: College of Global Futures

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science and Technology Policy program distinctly prepares its graduates to have an impact in today's science and technology decision-making. It is designed to train future leaders, policymakers and analysts in tackling diverse and complex policy issues such as climate change and artificial intelligence in ways that are socially responsible and that contribute to a more just and vibrant future.

This cohort-based program attracts students of the highest caliber and can be completed in one year or over an extended period on a part-time basis. It is suited to anyone interested in a career in which they work to ensure, through responsive and effective policy development and implementation, that science and technology serve society. Students come from a wide range of backgrounds.

The program provides students with knowledge and tools to analyze and answer complex questions around science and technology policy issues, including:

• How are science and technology influenced by the policy process?
• What is the rightful place of scientific expertise in public policymaking?
• What values and assumptions underlie society's current understanding of science and technology?
• Who should make decisions about science and technology policy? Only experts? Or should laypeople also have a voice?
• How should policymakers deal with the risks and uncertainties that come from new science and technology (e.g., biotechnology, nanotechnology, geoengineering, information technology)?
• How can policymakers balance concerns about science and technology while maintaining innovation and international competitiveness?

Students work on topics as varied as responsible innovation, technological convergence, social and environmental sustainability, health and well-being, energy, equity, security, data privacy, infrastructure, democracy, STEM education, the role of science, and space exploration and policy. They are able to describe the historical, social and institutional foundations of science and technology policy; discuss the complexities of science and technology policy decisions, decision-making under uncertainty and the role of experts; employ effective policy communications skills and techniques; and work collaboratively and effectively with experts from different backgrounds, including scientists, engineers and elected officials.

Graduates are able to apply critical skills and methods to science and technology policy analysis, apply advanced approaches to ensure socially responsive and responsible technology innovation, and contribute to developing and implementing creative solutions to many of today's most complex challenges.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Innovation in Society, BS

Innovation in Society, BA

African and African American Studies, BA

Justice Studies, BA

Justice Studies, BS

Gender, Women and Sexuality Studies, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (HSD 593)

Required Core (6 credit hours)
HSD 501 Science and Technology Policy (3)
HSD 502 Advanced Science and Technology Policy (3)

Electives (9 credit hours)

Restricted Electives (9 credit hours)

Other Requirements (3 credit hours)
HSD 591 Topic: MSTP Professional Development Seminar Series (3)

Culminating Experience (3 credit hours)
HSD 593 Applied Project (3)

Additional Curriculum Information
Restricted electives are from a list provided by the program chair.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or equivalent or a graduate degree from a regionally accredited college or university of recognized standing. Students are strongly encouraged to have prior relevant education, training or experience in science and technology policy; management of science, technology or innovation; or science, technology and society.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Students will be able to identify and analyze science and technology policy challenges, apply policy frameworks, and develop policy insights and recommendations.
> Students will be able to communicate science and technology policy challenges, issues and options to diverse audiences.
> Students will be able to research and analyze the history of a public law related to science, technology or innovation, and use professional writing formats to explain how the law was implemented.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities available, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students) and the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/).

Career opportunities

Science and technology policy professionals are in high demand across sectors and industries, including businesses, think tanks, nongovernmental organizations, international organizations, academic institutions, as well as local, state and federal government. Skills in policy analysis and the policymaking process are valuable to businesses and institutions that deal with science and technology policy issues.

From the School for the Future of Innovation in Society's 2021 alumni employment survey, 100% of master's degree program respondents are either employed or pursuing continuing education. Of those respondents employed, 62%

have jobs directly related to their degree.

Some career examples include:

editor of a science and technology-focused magazine or journal
environmental protection specialist
government program administrator
information technology specialist in the federal government and private sector
intelligence analyst on science and technology threats
official at U.S. Patent and Trademark Office
regulatory policy analyst
science and technology research analyst, program or policy analyst, or legislative analyst
science, technology or health care policy advisor
smart cities program manager

Contact information

School for the Future of Innovation in Society | ISTBX 3rd Floor
https://sfis.asu.edu
sfisgrad@asu.edu
480-727-8787

Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)

College/School: College of Global Futures

Campus: Tempe

This program is not currently accepting applications. Students interested in this program should explore earning the Doctor of Philosophy in sustainability with a graduate certificate in complex adaptive systems science, or the PhD in complex adaptive systems science with a graduate certificate in sustainability. Either of the two certificates can be added to any PhD program.

Program description

Complex adaptive systems science is the study of interactive and dynamic systems that change over time.

The complex adaptive systems science concentration program under the Doctor of Philosophy in sustainability trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with varied, ongoing, university-wide research on complex adaptive systems science at ASU and emphasizes the value of a complex adaptive systems science perspective for better insight and an active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

By broadly embedding an understanding of complex adaptive system-relevant approaches into the practice of normal science, students gain the ability to transform science. The program promotes the development and testing of more robust theories and sophisticated methods in a wider array of research settings needed to develop a deeper understanding of the nature and aspects of complex adaptive systems, which are grounded in concrete examples and applications.

The program prepares students to become scientists and leaders in research and to investigate the urgent sustainability challenges of this century. Graduates possess an understanding of the need for a transdisciplinary approach to solving sustainability challenges; the ability to communicate their work to professionals in other disciplines, to policymakers and to the general public; and the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems. Their critical thinking skills enable them to approach sustainability challenges from a systems perspective; they also have the skills needed to work effectively in

interdisciplinary teams and the technical skills to formulate and solve problems at the appropriate scale.

In addition to the common learning outcomes, graduates are able to conduct research on particular sustainability challenges using standard skills, including the capacity to identify problems; to formulate and test hypotheses; to use statistical, econometric and geographical information system techniques to construct and analyze datasets; and to build and apply models. They are prepared to lead others in the analysis and design of the built environment and institutions' policies, regulations and technologies to support sustainable development and lead others in applying these concepts and methods to the development of sustainable strategies for water, land, air and urban management at the local and global levels. Graduates understand the concepts and methods of a number of critical disciplines bearing on the sustainability of systems at different spatial and temporal scales.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

86 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (8 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 589 Community of Graduate Student Scholars (2)

Solutions Workshop Electives (6 credit hours)

Open Electives (36 credit hours)

Concentration (12 credit hours)
CASS fundamentals (3)
mathematics of CASS (3)
modeling CASS (3)
application of CASS approaches (3)

Research (12 credit hours)
SOS 792 Research (12)

Culminating Experience (12 credit hours)
SOS 799 Dissertation (12)

Additional Curriculum Information
For open electives and concentration coursework, students should see the academic unit for the approved course list. Students should note that only six credit hours of 400-level coursework can be included on the plan of study.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the remaining coursework is made up of appropriate electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• three letters of recommendation
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program, describe how completion of the degree will support the applicant's long-term career goals, and explain why the applicant is applying to the College of Global Futures and, more specifically, the doctoral program with a complex adaptive systems science concentration. The statement of intent should elaborate on key research questions the applicant wishes to address or problems they wish to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information

about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Professionals with expertise in complex adaptive systems science are in high demand across sectors and industries, including business, government and academia. Experts in complexity, who can serve as a bridge between disciplines and scholars, are essential to solving a variety of sustainability challenges.

From the School of Sustainability's 2022 alumni employment survey, 100% of doctoral program respondents are employed. Of those respondents employed, 100% have jobs directly related to sustainability.

Career examples include:

chief sustainability officer
energy engineer
environmental economist
environmental restoration planner
environmental sciences professor
industrial ecology
natural science manager
professor
program director
research scientist
sustainability consultant

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/graduate-degrees/doctor-of-philosophy-with-a-cass-concentration/
SustainabilityGrad@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainability (Certificate), Certificate (SUSUSGRCT)

College/School: College of Global Futures

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley, Online

Program description

The development and implementation of sustainable solutions depends on the development of core sustainability competencies, effective collaboration and inspiring leadership. The graduate certificate program in sustainability provides the foundational knowledge required to promote sustainable solutions in any professional field.

The skills developed in this program, like systems thinking and futures thinking, are essential to addressing sustainability challenges across many kinds of organizations. Students in the program learn to communicate and collaborate with colleagues from varied backgrounds, preparing them to lead teams in the future.

Courses introduce students to the foundations of sustainability through a disciplinary overview and problem-solving methodology. With electives, students can explore specific areas that are of greatest interest to them.

Students in the online graduate certificate program can take courses from the Master of Sustainability Leadership degree. Classes in that program focus on leadership, communication, sustainability strategy and enterprise

sustainability.

This program is designed to be taken independently or as a supplement to another graduate degree program. If done independently, a graduate certificate does not meet the requirements for a student visa.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (9 credit hours)

Additional Curriculum Information
Students select six credit hours of sustainability-focused electives from EMS, SFS and SOS course prefixes. Other coursework may be used with approval of the sustainability graduate committee. In addition, students take three credit hours of other elective coursework related to sustainability.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-sustainability-certificate/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

Graduates of this program can pair the certificate with a range of graduate degrees to enhance their expertise and career prospects related to sustainability.

Because many organizations seek to implement greener initiatives, knowledge of sustainability may be valuable across many areas, including business, engineering, government, nonprofit and education sectors. Graduates can use their skills to bring sustainable initiatives to organizations in a variety of industries.

Career examples include the following. Additional advanced degrees or certifications may be required for some roles.

chief sustainability officer
civil engineer
economist
energy engineer
environmental economist
environmental restoration planner
industrial ecologist
project coordinator
sustainability specialist
urban planner
water resource specialist

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
SustainabilityGrad@asu.edu
480-727-6963

Sustainability Leadership, EMSL (SUEMSLEMSL)

College/School: College of Global Futures

Campus: Online

Program description

A sustainable future requires leaders who are able to integrate sustainability into existing institutions and new enterprises. A particular knowledge base and skill set is required to drive this kind of transformational change. Professionals with tools and skills learned in the sustainability leadership program, as opposed to other degree programs, are in a prime position to establish sustainability practices in any type of organization.

The Executive Master of Sustainability Leadership program prepares professionals to advance social, economic and

environmental responsibility. Designed to be completed in 12 continuous months, the program is created and delivered by people who have worked in and with companies making sustainability transitions and those who continue to be on the forefront of global sustainability leadership.

The curriculum includes coursework in the following synergistic thematic areas:

• communications and change management
• global context of sustainability
• leadership for sustainability
• sustainability and strategy

The program also includes opportunities for students to add elective coursework that is related to their specific area of interest. In addition to the coursework, students also have monthly individual coaching sessions with program faculty to help with career planning and professional development.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone courses (EMS 515 and EMS 516)

Required Core (18 credit hours)
EMS 522 Mastering the Global Sustainability Context (3)
EMS 523 Strategic Sustainability and Leadership (3)
EMS 524 Sustainability Storytelling and Communications (3)
EMS 525 Essentials for Transformative Leadership in Sustainability (3)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
EMS 515 EMSL Capstone Course I (3)
EMS 516 EMSL Capstone Course II (3)

Additional Curriculum Information
Students are encouraged to attend one in-person session in a major metropolitan city in the United States. Students who cannot attend should contact the college for an alternative option.

Elective courses must be at the 500 level or above.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants to the program should be interested in and passionate about advancing sustainability in their organizations, either directly or indirectly. Successful candidates are expected to draw from and apply solutions to actual professional challenges and opportunities.

Because this is an executive master's degree for experienced professionals, work and life experience may be taken into account in lieu of additional coursework from past bachelor's degree program experience. Applicants with GPAs lower than 3.00 (scale is 4.00 = "A") may be admitted on a provisional status. Applicants should contact the program for more details if their GPA falls below the 3.00 requirement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/executive-sustainability-leadership/) for program descriptions and to request more information.

Career opportunities

Graduates of this program advance their leadership skills with practical, actionable tools and can accelerate sustainability throughout their organizations.

An EMSL degree enhances career opportunities in a variety of sectors, including business, technology, science, education and government. The School of Sustainability's 2022 alumni employment survey shows that 95% of degree program respondents are either employed or pursuing continuing education. Of those employed, 89% of respondents have jobs directly related to sustainability.

Typical careers include:

business organization manager
chief executive officer
chief sustainability officer
consultant
director of strategic initiatives
sustainability analyst
sustainability coordinator
sustainability director
sustainability manager
training manager

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/graduate/
EMSL@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainability Leadership, MSL (SUSUSLMSL)

College/School: College of Global Futures

Campus: Online

Program description

A sustainable future requires leaders who can integrate sustainability into existing institutions and new enterprises. A particular knowledge base and skill set are required to drive this kind of transformational change. Professionals with tools and skills learned in sustainability leadership specifically are in a prime position to establish sustainability practices in any type of organization.

In the Master of Sustainability Leadership program, professionals are prepared to advance social, economic and environmental responsibility. The program is designed and delivered by people who have worked in and with companies making sustainability transitions and who continue to be at the forefront of global sustainability leadership. Students can complete the program in one to three years.

The curriculum includes four synergistic thematic areas:

• communications and change management
• global context of sustainability
• leadership for sustainability
• sustainability and strategy

The program includes opportunities for students to take electives related to their specific area of interest. Elective courses are offered that focus on organizational sustainability assessment, cities, climate, food systems and other thematic areas. Students may choose to go on an approved study abroad trip (https://goglobal.asu.edu/students/asu-online-students) to fulfill elective credits.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (EMS 593)

Required Core (21 credit hours)
EMS 522 Mastering the Global Sustainability Context (3)
EMS 523 Strategic Sustainability and Leadership (3)
EMS 524 Sustainability Storytelling and Communications (3)
EMS 525 Essentials for Transformative Leadership in Sustainability (3)
EMS 589 MSL Capstone Project Preparation (3)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
EMS 593 Applied Project (3)

Additional Curriculum Information
Elective courses must be at the 500 level or higher.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. They should also have a minimum of three years of professional or organizational experience or equivalent.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Applicants who have a GPA lower than 3.00 may submit a statement that describes contributing circumstances and reference personal experience to be considered for admission.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-sustainability-leadership-sustainability-leadership/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students. Taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites include information about applying for

funding to support global travel.

Graduate students are encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Graduates of this program are equipped to drive high-impact sustainability results in organizations and communities. They advance their organizational leadership skills in a variety of sectors, including business, technology, science, education and government. According to the School of Sustainability's 2022 alumni employment survey, 96% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 75% have jobs that are directly related to sustainability.

Typical career paths include:

business organization manager
chief executive officer
chief sustainability officer
consultant
director of strategic initiatives
sustainability analyst
sustainability coordinator
sustainability director
sustainability manager

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/graduate/
onlineMSL@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainability Solutions, MSUS (SUSUSOMSUS)

College/School: College of Global Futures

Campus: Tempe

Program description

The Master of Sustainability Solutions program teaches students how to analyze and solve sustainability challenges in organizations and communities. Students learn how to apply sustainability principles and approaches. The focus is on developing solutions in concert with stakeholders.

Students in the MSUS program benefit from both flexibility and guidance in their course selection. They can choose from faculty-curated course lists, which highlight electives aligned with the employment sectors of MSUS alumni --- namely the private, public and nonprofit sectors. For those who are still exploring their options, recommended courses in sustainability analytics are available to help them prepare for careers across all sectors.

A distinguishing element of the program is its applied approach. Students begin the program with a foundation in sustainability frameworks and methods, then they take electives in an area of interest and ultimately use this knowledge to develop solutions to actual sustainability challenges in real time.

Final courses include learning how to manage sustainability projects. In the capstone experience, students team up with a company, a government agency or a nongovernmental organization to develop a practical sustainability solution.

Carried out collaboratively in lieu of a thesis, the capstone provides practical experience that positions program graduates for today's competitive, knowledge- and skills-intensive job market.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Public Policy, MPP

Public Administration, MPA

Mass Communication, MMC

Legal Studies, MLS

Urban and Environmental Planning, MUEP

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sustainability, BS

Sustainability, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (SOS 593)

Required Core (6 credit hours)
SOS 508 Pathways to Sustainability (3) or SOS 510 Perspectives on Sustainability (3)
SOS 509 Leading Sustainability Transitions or SOS 511 Advanced Sustainability Problem Solving (3)

Other Requirements (15 credit hours)
SOS 582 Project Management for Sustainability (3)
competency mastery courses (6)
methods courses (6)

Focus Area Electives (6 credit hours)

Culminating Experience (3 credit hours)

SOS 593 Applied Project (3)

Additional Curriculum Information
MSUS students specialize in a focus area and take six credit hours of elective coursework related to that area with approval by their academic advisor.

For a list of approved courses that may fulfill the methods and competency mastery requirements, students should see the academic unit. No more than six credit hours of 400-level coursework can be included in the plan of study.

The Graduate College policies and procedures for fulfillment of degree requirements must also be met.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• three letters of recommendation
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

The statement of intent should not exceed 600 words and should explain the goals the applicant intends to achieve through the plan of study, describe how the applicant's background will contribute to success in the program, explain how completion of the degree will support long-term career goals, and elaborate on project ideas the applicant wishes to pursue as part of the program of study.

In order to promote access, students may submit a GPA petition if they don't meet the 3.00 GPA requirement for admission. More information can be found on the School of Sustainability graduate admission website (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Professionals who understand how to solve difficult problems and work with and draw from different disciplines are in high demand across sectors and industries. Graduates of the MSUS program have the knowledge base and skill set needed to create sustainability solutions in a variety of sectors including business, education, nonprofit, governmental and nongovernmental organizations. Graduates are trained to help organizations approach differing values and perspectives in a collaborative way, understand and explore the complexity of systems, plan for various future scenarios and develop strategies for action.

From the School of Sustainability's 2022 alumni employment survey, 94% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 86% of respondents have jobs directly related to sustainability. Students can learn more about careers in sustainability and where MSUS graduates are now employed by visiting the School of Sustainability alumni employment data website.

Career examples include:

- chief sustainability officer
- environmental specialist
- industrial ecologist
- sustainability analyst
- sustainability consultant
- sustainability specialist

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/graduate/master-of-sustainability-solutions/
SustainabilityGrad@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainability and Enterprise (Certificate), Certificate (GFSEGRCT)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

Organizations are increasingly aware of the need to address sustainability challenges. The CEOs of large private sector companies and leaders in the public and nonprofit sectors agree that sustainability will be critical to the future success of their enterprises. New types of enterprise models, including hybrids, mission-driven enterprises, benefit corporations and cooperatives are emerging; and there is an increased demand for professionals who can guide enterprises to include sustainability principles in their operating strategies.

The graduate certificate program in sustainability and enterprise prepares students to advance sustainability practices and communicate sustainability as a means for transformational change, organizational success and innovation. It is designed for individuals who wish to develop the sustainable enterprises of the future and employ sustainability as a strategy for enterprise success.

Skills developed in this program include:

• applying personal collaborative strengths to work in teams to assess sustainability opportunities and strategies
• applying sustainability competencies to develop and implement enterprise improvement proposals
• communicating sustainable enterprise approaches, challenges, risks and opportunities
• critically assessing enterprises against a comprehensive set of sustainability criteria
• identifying opportunities that exist for enterprises that address sustainability problems

This graduate certificate in sustainability and enterprise may be paired with a graduate degree at ASU or completed on its own. If done independently, a graduate certificate does not meet the requirements for federal financial aid or a student visa.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
EMS 523 Strategic Sustainability and Leadership (3)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Additional Curriculum Information
Students should see their program advisor for an approved list of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in sustainability, business or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admissions application and application fee
• official transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Sustainability requires a score of at least 100 on the TOEFL iBT® taken in a testing center (or equivalent).

Applicants are not required to be currently enrolled in a graduate program at Arizona State University.

At this time, only applications for fall and spring session A are being accepted due to the availability of the core classes SOS 508 and SOS 509 in fall and spring session A only.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/sustainability-enterprise/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

Career examples include the following roles. Additional advanced degrees or certifications may be required for some careers.

chief sustainability officer
environmental scientist or specialist
management analyst
project manager
sustainability consultant
sustainability specialist

Contact information

School of Sustainability | WCPH 4th floor
https://schoolofsustainability.asu.edu/degrees-programs/certificates/

sustainabilitygrad@asu.edu
480-727-6963

Sustainability, MA (SUSUSTMA)

College/School: College of Global Futures

Campus: Tempe

Program description

The Master of Arts in sustainability is a research-oriented degree program that culminates with writing either a thesis or publishable scientific paper.

The program focuses on knowledge generation and investigating potential solutions to sustainability challenges and prepares students to design and conduct transdisciplinary research. The MA program emphasizes the integration of a broad range of expertise, this program is best suited to students inclined toward transdisciplinary science, humanities, planning or related fields and who are interested in a career in research or academia.

Students learn how different disciplines view and approach the challenges of sustainability in theory, research and practice. They develop academic and technical skills as well as ethical insights that can help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels.

All sustainability graduate students understand the need for a transdisciplinary approach to solving sustainability challenges; can communicate their work to professionals in other disciplines, to policymakers and to the general public; and have the breadth of vision to incorporate the interconnectedness of social, economic, environmental and technical systems into their research. They have the critical thinking skills necessary to approach sustainability challenges from a systems perspective, the ability to work effectively in interdisciplinary teams, and the technical skills to formulate and solve problems at the appropriate scale.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

35 credit hours and a thesis, or
35 credit hours including the required capstone course (SOS 596)

Required Core (14 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 525 Social-Ecological-Technical Systems: Domains and Interfaces (3)
SOS 581 Synthesis for Sustainability Research (3)
SOS 589 Community of Graduate Student Scholars (2)

Electives (15 credit hours)
methods (3)
normative dimensions of sustainability (3)
general electives (9)

Culminating Experience (6 credit hours)
SOS 596 Capstone: Scientific Paper (6) or
SOS 599 Thesis (6)

Additional Curriculum Information
The taught-course element of the program is evaluated through course-specific examinations, research papers or applied projects and is considered successfully completed if the student obtains a GPA of 3.25 or higher. Graduate College policies and procedures for fulfillment of degree requirements must also be met.

SOS 589 is a one-credit-hour course that students take twice for two credit hours total.

Approved general elective subjects include the following:
SOS, ASB, ART, PAF, SGS, POS, SOC, PSB, PHI, COM, CPP, CRD, ESS, NTR, MCO, GCU, SCM, HPS, HST, JHR, JMC, JUS, LAW, LES, PUP, SBS, STS, TDM and URB.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• three letters of recommendation
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Professionals with expertise in sustainability frameworks, interdisciplinary research and strong research skills are in high demand across industries, including business, academia and government. Skills in critical thinking, teamwork, sustainability problem-solving and research are valuable to businesses and institutions burdened by sustainability problems.

From the School of Sustainability's 2022 alumni employment survey, 100% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 100% of respondents have jobs directly related to sustainability.

Career opportunities for graduates of this program include:

chief sustainability officer
conservation program lead
disaster relief manager
environmental restoration planner
program director or manager
research associate
sustainability communications specialist
sustainability instructor or teacher
sustainability specialist
zero waste consultant

Contact information

School of Sustainability | WCPH 3rd
https://schoolofsustainability.asu.edu/degrees-programs/graduate/master-of-arts-in-sustainability/
SustainabilityGrad@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainability, MS (SUSUSTMS)

College/School: College of Global Futures

Campus: Tempe

Program description

The Master of Science in sustainability is a research-oriented degree program that culminates in writing either a thesis or publishable scientific paper.

The program focuses on knowledge generation and investigating potential solutions to sustainability challenges, and it prepares students for designing and conducting transdisciplinary research. This master's degree program is best suited to students inclined toward natural sciences, economics, engineering or related quantitative fields and who are interested in a career in research or academia.

Students learn how different disciplines view and approach the challenges of sustainability in theory, research and practice. They develop academic and technical skills as well as the ethical insights that help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels.

All sustainability graduate students understand the need for a transdisciplinary approach to solving sustainability challenges; can communicate their work to professionals in other disciplines, to policymakers and to the general public; and have the breadth of vision to incorporate the interconnectedness of social, economic, environmental and technical systems into their research. They have the critical thinking skills necessary to approach sustainability challenges from a systems perspective, the ability to work effectively in interdisciplinary teams, and the technical skills to formulate and solve problems at the appropriate scale.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

35 credit hours and a thesis, or
35 credit hours including the required capstone course (SOS 596)

Required Core (14 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 525 Social-Ecological-Technical Systems: Domains and Interfaces (3)
SOS 581 Synthesis for Sustainability Research (3)
SOS 589 Community of Graduate Student Scholars (2)

Electives (15 credit hours)
methods (3)
normative dimensions of sustainability (3)
general electives (9)

Culminating Experience (6 credit hours)
SOS 596 Capstone: Scientific Paper (6) or
SOS 599 Thesis (6)

Additional Curriculum Information
SOS 589 is taken twice for two credit hours total.

The taught-course element of the program is evaluated through course-specific examinations, research papers or applied projects and is considered to have been successfully completed if the student obtains a GPA of 3.25 (scale is

4.00 = "A") or higher. Graduate College policies and procedures for fulfillment of degree requirements also must be met.

Approved general electives prefixes include the following: SOS, ASB, ART, PAF, SGS, POS, SOC, PSB, PHI, COM, CPP, CRD, ESS, NTR, MCO, GCU, SCM, HPS, HST, JHR, JMC, JUS, LAW, LES, PUP, SBS, STS, TDM and URB.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• three letters of recommendation
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program, and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Professionals with expertise in sustainability frameworks, interdisciplinary research and strong research skills are in high demand across industries, including business, academia and government. Skills in critical thinking, teamwork, sustainability problem solving and research are valuable to businesses and institutions burdened by wicked sustainability problems.

From the School of Sustainability's 2022 alumni employment survey, 89% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 100% of respondents have jobs directly related to sustainability.

Career opportunities for graduates of this program include:

- chief sustainability officer
- energy analyst
- environmental economist
- industrial ecologist
- natural science manager
- operations consultant
- research associate
- sustainability specialist
- zero waste consultant

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/graduate/master-of-science-in-sustainability/
SustainabilityGrad@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainability, PHD (SUSUSTPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

The Doctor of Philosophy program in sustainability prepares students to become scientists and leaders in research who investigate the urgent sustainability challenges of this century. The flexible, transdisciplinary nature of the program allows students to focus on problems of interest to them, drawing upon relevant knowledge from sustainability science and a variety of disciplines. This full-time program includes a high degree of faculty interaction and collaboration.

All sustainability doctoral students gain a better understanding of the need for a transdisciplinary approach to solving sustainability challenges as well as the ability to communicate their research effectively to academic and nonacademic audiences alike.

In addition to the common learning outcomes, students are able to conduct research on particular sustainability challenges using theoretical lenses and methods from sustainability science and a range of complementary disciplines. Students learn to translate sustainability challenges to tractable research questions; develop a portfolio of quantitative and qualitative research methods to address these research questions; formulate and test hypotheses; utilize rigorous elicitation methods to gather qualitative and quantitative datasets; learn to engage with stakeholders to coproduce knowledge; use statistical and other analytic techniques to analyze data; and build and apply models of social-ecological systems.

They develop expertise in the analysis of institutional policies and regulations, as well as the design of the built environment and technologies, to support sustainable development. They also develop the foundational knowledge of concepts and methods required to conduct interdisciplinary and transdisciplinary research and effectively communicate their findings across academic disciplines, as well as to policymakers and the general public.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

86 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (11 credit hours)
SOS 510 Perspectives on Sustainability (3)
SOS 520 Research Design and Methods for Sustainability (3)
SOS 525 Social-Ecological-Technical Systems (SETS): Domains and Interfaces (3)
SOS 589 Community of Graduate Student Scholars (2)

Solutions Workshop Electives (6 credit hours)

Open Electives (45 credit hours)

Research (12 credit hours)
SOS 792 Research (12)

Culminating Experience (12 credit hours)
SOS 799 Dissertation (12)

Additional Curriculum Information
Students take SOS 589 twice for one credit hour. For electives, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit. Only six credit hours of 400-level coursework can be included in the plan of study.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is to be made up of appropriate electives.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• three letters of recommendation
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program; describe how completion of the degree will support long-term career goals; elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study; and identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

Graduates possess an advanced understanding of the dynamics of coupled social-ecological systems and use this knowledge to conduct original research to inform robust solutions to specific sustainability challenges. They are equipped to lead others in the development of sustainable strategies at the local, national and global levels.

Professionals with expertise in sustainability frameworks and interdisciplinary research are in high demand across industries, including business, academia and government. Skills in critical thinking, teamwork, sustainability problem solving and research are valuable to businesses and institutions, many of which are in need of expertise to solve critical sustainability problems and introduce sustainability principles into their business models.

From the School of Sustainability's 2022 alumni employment survey, 100% of doctoral program respondents are employed. Of those respondents employed, 100% have jobs directly related to sustainability. Students can learn more about careers in sustainability and where graduates of sustainability doctoral programs are now employed by visiting the School of Sustainability's alumni employment data website.

Career possibilities for program graduates include:

- chief sustainability officer
- data analyst
- environmental scientist
- geographic information systems coordinator
- professor
- program manager or director
- research scientist
- sustainability consultant
- sustainability policy advisor
- sustainability specialist

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/graduate/doctor-of-philosophy-in-sustainability/
SustainabilityGrad@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainable Energy, PHD (SUSUEPHD)

College/School: College of Global Futures

Campus: Tempe

Program description

Society is in the midst of a transition toward sustainable energy.

Because the global energy system is a complex, sociotechnical system, the transition toward sustainable energy requires the next generation of leaders to possess a transdisciplinary perspective comprising both technical and societal dimensions of energy. The Doctor of Philosophy degree in sustainable energy integrates these perspectives in preparing students to address the challenges in energy transitions. Students enter the program from diverse backgrounds in engineering, planning, business, policy, and natural and social sciences.

The core classes provide students with interdisciplinary expertise and skills related to current and emerging energy technologies and systems, economic analysis of energy systems, and social and policy dynamics of energy transitions.

Elective classes allow students to develop more specialized methodological skills, technical expertise and topical knowledge.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (17 credit hours)
SOS 571 Sustainable Energy Technologies and Systems (3)
SOS 572 Sustainable Energy Transitions (3)
SOS 573 Sustainable Energy Policy (3)
SOS 574 Data Analytics for Sustainable Energy (3)
SOS 575 Sustainable Energy Research Seminar (4)
SOS 589 Community of Graduate Student Scholars (1)

Electives or Research (42 credit hours)

Other Requirement (13 credit hours)
SOS 792 Research (13)

Culminating Experience (12 credit hours)
SOS 799 Dissertation (12)

Additional Curriculum Information
Students take SOS 575 in four different semester terms for 1 credit hour each term.

Electives can be chosen from applicable courses in the following areas based on the student's area of interest and approval from the committee:

• engineering of matter, transport and energy
• future of innovation in society
• geographical sciences and urban planning
• life sciences
• molecular sciences
• physics
• sustainability
• sustainable engineering and the built environment

Other electives may be used with approval from the academic unit. Student electives are customizable based on the student's area of research.

Doctoral students are expected to include higher level courses (600 and 700 levels) as part of the elective and research coursework.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours

from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is made up of electives and research.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• statement of intent
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The school encourages applicants with diverse educational backgrounds and experiences. Sample related fields include engineering, geography, urban planning, environmental science, physics, chemistry, or planning for future innovations and societal changes.

All applicants must upload a statement of intent as part of the application process. In no more than 600 words, applicants must explain the goals they intend to achieve through their program of study at the College of Global Futures. Applicants should describe how their background will contribute to their success in the program and how completion of their degree will support their long-term career goals. Finally, applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their program of study and identify potential faculty advisors.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

From the School of Sustainability's 2022 alumni employment survey, 100% of doctoral program respondents are employed. Of those respondents employed, 100% have jobs directly related to sustainability.

Professionals with expertise in sustainable energy are in high demand across industries that including academia, business, planning and government. Skills in cross-disciplinary research, sociotechnical innovation, sustainable energy solutions and policymaking are valuable to businesses and institutions relying on data-driven strategies to solve urgent sustainability problems and shape global futures.

Career examples include:

chief sustainability officer
director of policy advocacy
energy analyst
professor
project manager
renewable energy project manager
researcher
science and technology policy advisor
senior policy analyst
sustainability consultant
sustainability specialist
urban and regional planner

Contact information

School of Sustainability | WCPH 3rd floor
https://schoolofsustainability.asu.edu/degrees-programs/graduate/doctor-of-philosophy-in-sustainable-energy/
SustainabilityGrad@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Sustainable Food Systems, MS (SUSUSFSMS)

College/School: College of Global Futures

Campus: Online

Program description

The Master of Science program in sustainable food systems is a research-oriented degree program in which students develop an understanding of present-day health, agriculture and environmental policy; develop strategies to lead policy discussions; interact with a network of food and agriculture policy leaders and mentors; and apply their knowledge and skills to address problems related to food and food systems.

The program includes two week-long experiences for students to engage in food systems. The first is in Arizona. Students have the opportunity to talk with and learn from farmers, ranchers and supply chain businesses about how

food and agriculture policies and programs impact their operations. The second is a seminar in Washington, D.C. Students gain knowledge of leadership theories, develop leadership skills and engage in conversation with influential food policy leaders from a variety of sectors.

Graduates of the program are able to employ solutions-based thinking and a dynamic systems framework to create the inclusive, diverse and resilient food systems of the future.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sustainable Food Systems, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (SFS 596)

Required Core (21 credit hours)
SFS 560 Tools and Tactics for Food Policy Change (3)
SFS 561 Food and Farm Immersion Experience (2)
SFS 562 Managing Natural Resources for Food Production (3)
SFS 563 Applied Food Policy Immersion Experience (2)
SFS 564 American Agriculture in the Global Context (2)
SFS 565 Research Methods and Analysis (3)
SFS 566 Applied Research Project (3)
SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
SFS 596 Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee

• official transcripts
• statement of intent
• two letters of recommendation
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of intent should not exceed 600 words and applicants must explain the goals they intend to achieve through their plan of study at the College of Global Futures, specifically in the field of sustainable food systems. Applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their plan of study. Finally, applicants should describe how their background will contribute to their success in the program.

Letters of recommendation must be from two people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-sustainable-food-systems/) for program descriptions and to request more information.

Global opportunities

Global experience: Studying abroad is encouraged for graduate students. Nearly all of the College of Global Futures faculty-directed programs offer graduate credit. In addition, the Global Education Office offers more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/), and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Graduate students are also encouraged to apply for funding for international research, study and professional development through ASU's Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/).

Career opportunities

The MS program is designed to prepare future leaders in food policy. Its affiliation with the Swette Center for Sustainable Food Systems connects students and graduates to networks in the public, private and nonprofit sectors. Results of the School of Sustainability's 2022 alumni employment survey show that 100% of master's degree program respondents are either employed or pursuing continuing education. Of those employed, 100% of respondents have jobs directly related to sustainability.

Graduates can use their training in sustainable food systems to advance their career in the food and agriculture sector. Career opportunities include:

- chief sustainability officer
- food policy analyst
- policy director
- senior advisor for sustainable food systems
- sustainability manager

Contact information

School of Sustainability | WCPH 3rd
https://schoolofsustainability.asu.edu/degrees-programs/graduate/
FoodSystemsGrad@asu.edu
480-727-6963
Admission deadlines (https://schoolofsustainability.asu.edu/admissions/application-process/graduate-admissions/)

Global Management, Thunderbird School of

Applied Leadership and Management, MALM (TBALMMALM)

College/School: Thunderbird School of Global Management

Campus: Online

ASU is no longer accepting new students to this program. Interested students should apply to the Leadership and Management MLM program.

Program description

Professionals expand their management and leadership repertoire while sharpening their business skills in the Master of Applied Leadership and Management program, earning a unique graduate degree with classes taught online by Thunderbird's world-class professors. The program provides mastery of modern practices for managers and executives in transnational organizations from a global perspective, delivering the highest quality graduate education in a flexible online format.

This in-depth, professional degree program features applicable training in the nuances of managing a global business, government agency or nonprofit organization.

The MALM program combines cutting-edge management coursework with a truly global curriculum, cross-cultural communication and negotiation training, personal development and leadership components to prepare graduates to thrive as decision-makers in enterprises that operate across borders.

Designed to empower graduates with well-rounded, future-ready skill sets, this transformational master's degree provides a strategically choreographed progression through every facet of international management, with courses spanning the gamut of Thunderbird's online offerings, including accounting, data-driven decision making, global finance and marketing. Students also receive hands-on, experiential learning opportunities in practical, relevant situations through elective courses that allow them to apply the full range of professional skills acquired during their studies.

The MALM allows students to work at their own pace to earn their degree in as few as 12 months. The program is designed specifically for students from around the world and allows them to join the globally connected Thunderbird alumni network that opens doors and opportunities all over the planet. More information is available on the Thunderbird alumni website (https://thunderbird.asu.edu/alumni?action).

Specializations
The MALM degree offers optional specializations, one delivered in English and three delivered in Mandarin. Students should see the Thunderbird website for details.

The global and public affairs specialization is delivered in English, and more information is available on the program website (https://thunderbird.asu.edu/degree/graduate/master-leadership-and-management).

The data analytics, financial management and global business specializations are delivered in Mandarin. More information on these specialization areas are available on the ASU Online website (https://www.asuonline.cn/mlm/).

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technological Entrepreneurship and Management, BS

International Trade, BS

Global Management, BGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (TAM 542)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or TGM 506 Communicating and Negotiating Across Cultures (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
TAM 542 Global Leadership and Personal Development (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume or CV
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The English proficiency requirements are the same as the Graduate College requirements.

Two years of work experience is preferred but not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in the MALM program have the unique opportunity to apply their learning in an international setting. Some options include:

Global Field Seminars --- During this course, students experience an intensive one-week immersion in-country. Students enjoy a hands-on learning experience in a focused region of the world, comprising company site visits, high-level meetings and presentations with business, government and cultural leaders as well as Thunderbird alumni. Through these interactions, students learn the challenges and opportunities that make doing business in the region unique.

Thunderbird Global Challenge Laboratories (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab) --- This client-facing, project-based course involves a one-week immersion in-country. Projects are tailored to the business needs of the client and provide sophisticated data and market analysis; strategy recommendations; and practical, effective plans for sustained growth.

The program fee for one Global Field Seminar or Global Challenge Lab experience is included in the tuition and fees for the MALM degree. Airfare and incidental expenses are extra.

Career opportunities

More than ever, today's global organizations need versatile leaders and managers with creative problem-solving skills who can elevate diverse teams across cultures in multiple markets around the world. The MALM program prepares graduates to lead in all sectors: government, private enterprise, NGOs and nonprofits.

Career examples include:

- compensation and benefits manager
- financial analyst
- human resources manager
- logistics analyst
- logistics manager
- management analyst
- marketing manager
- sales manager
- supply chain manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-leadership-and-management
OnlineGradAdvising@thunderbird.asu.edu
602-496-7100

Global Affairs and Management (Executive), MA (TBGAMEMA)

College/School: Thunderbird School of Global Management

Campus: ASU at Washington

Program description

The executive Master of Arts in global affairs and management program emphasizes a digital global mindset and a distinct combination of hard and soft skills for leading systems and new enterprises, managing complexity, disruptive innovation, digital transformation, collaborative problem-solving and creating sustainable global futures across geographies, cultures and sectors. The program also includes an intensive focus on how to manage the systemic hazards facing the business and policy worlds.

Located in the heart of Washington, D.C., this executive-level program is tailored for mid-career professionals in all sectors, offering specializations in global business or global public policy. The schedule --- most classes meet once a month on Friday and Saturday --- enables participants to remain working while earning their degree. Students can choose to travel abroad by adding one of Thunderbird School of Global Management's immersive week-long Global Challenge Laboratories or field seminars.

Earning this leading-edge executive master's degree prepares graduates for executive leadership positions within their existing organizations or to switch industries entirely. The program enables students to earn a master's degree from a top global leadership and management school in as little as one year, so that they can immediately put their newly acquired skills to work and leverage Thunderbird's global alumni network to advance their career goals.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is one who is curious, globally-minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (TGM 545)

Required Core (3 credit hours)
TGM 575 Global Affairs (3)

Electives (15 credit hours)

Other Requirement (9 credit hours)
TAM 530 Data Analytics and Digital Transformation in a Global World (3)
TGM 506 Communicating and Negotiating Across Cultures (3)
TGM 518 International Finance and Trade (3)

Culminating Experience (3 credit hours)
TGM 545 Global Leadership and Strategy (3)

Additional Curriculum Information
Students focus their elective courses in a specific area approved by the academic unit. Other requirement courses may be substituted with approval of the academic unit.

Coursework on complex systems provides a framework for insights into how many social, economic and ecological systems actually work, and --- despite the inherent uncertainties in such systems --- how to manage them, using a much larger toolkit than the standard tools of policy and business analysis.

A key element of managing complexity and uncertainty is the engagement of a wide range of stakeholders in decision-making. Multiple required courses and elective courses cover techniques for facilitating productive multi-stakeholder engagement in the context of complex global systems. For example, in the core course on the craft of global networks in global affairs, students learn how and why to build resilient collaborations across borders and sectors in areas as

varied as health, human rights, war, economic renewal, the environment and terrorism.

The program culminates in the global leadership and strategy capstone course, which enables students to apply the new form of leadership needed to manage complex systems through a deep dive into addressing a specific problem. Thus, the course pulls together the full set of capabilities required to excel at the top of a global organization.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students can choose to travel abroad by adding Thunderbird's immersive weeklong Global Challenge Laboratories (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab). This is a client-facing, project-based course in one of many destinations all over the world. Projects are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are both practical and effective.

Career opportunities

Career examples include:

- adjunct professor
- chief executive
- chief sustainability officer
- general and operations manager
- human resources manager
- lawyer and officer for the Joint Chiefs of Staff
- leader of an international organization
- leader in federal and state government

- managing partner at a consulting firm
- senior diplomat

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/executive/executive-master-arts-global-affairs-and-management
admissions.tbird@asu.edu
602-496-7100

Global Affairs and Management, MA (TBGAMMA)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix, ASU at Washington

ASU is not currently accepting applications for this program.

Program description

The Master of Arts in global affairs and management is a transdisciplinary degree program that covers all aspects of global affairs and management, including global relations, political economy and cross-cultural communications, while supplementing this valuable international affairs curriculum with core courses in accounting, finance, management and marketing.

The program prepares students with the tools and insight needed to address complex issues in diplomacy, business and society and to bring an increased focus on social responsibility to corporate employers.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (TGM 545)

Required Core (3 credit hours)
TGM 575 Global Affairs (3)

Other Requirements (18 credit hours)
TGM 501 Global Accounting (3)
TGM 502 Financial Management for Global Value Creation (3)
TGM 503 Global Marketing (3)
TGM 504 Managing Organizations from a Global Perspective (3)
TGM 505 States and Markets in a Global Economy (3)
TGM 508 Regional Business Environment I: Emerging Markets (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
TGM 545 Global Leadership and Strategy (3)

Additional Curriculum Information
Other Requirements courses may be substituted with approval of the academic unit.

For elective coursework, students should see the academic unit for the approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students can choose to travel abroad by adding one of Thunderbird's immersive weeklong Global Challenge Labs or Field Seminars.

Global Field Seminar
This one-week, for-credit seminar offers a hands-on learning experience in a focused region of the world. Through site visits, high-level meetings and presentations with business, government and cultural leaders, students learn what makes doing business in the region unique.

Thunderbird Global Challenge Laboratories (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab)
This is a client-facing, project-based course built on a one-week immersion assignment in destinations all over the world. Projects are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective.

Career opportunities

Career examples include positions as:

- business continuity planners
- diplomats
- foreign service officers
- intelligence analysts
- political scientists
- regulatory affairs specialists
- social and community service managers

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu
admissions.tbird@asu.edu
602-496-7100

Global Leadership and Management, DPP (TBGLMDPP)

College/School: Thunderbird School of Global Management

Campus: ASU Sync

Program description

The Doctor of Professional Practice program in global leadership and management is crafted to prepare practitioners to be responsive to growing challenges and develop potential leaders and managers facing these challenges. Those with senior-level work experience who are interested in developing their leadership and management capabilities in today's digital environment to help organizations transform are especially sought for the program.

Students develop the models, strategies, networks and solutions to address increasingly pressing challenges across the public, private and nonprofit sectors through this high-touch and high-tech program, which is delivered synchronously online in dynamic and interactive ways. This format provides working professionals the greatest convenience and flexibility while enabling them to benefit from the live delivery of courses provided by Thunderbird's world-class faculty.

Students on F-1 or J-1 immigration status are not permitted to complete courses via ASU Sync.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill. (https://www.benefits.va.gov/gibill)

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the current world. Upon completion of this degree program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Innovation in Global Development, PhD

Degree requirements

60 credit hours including the required applied project course (TGM 793)

Required Core (15 credit hours)
TGM 705 Philosophies, Theories and Methods of Research (3)
TGM 710 Shaping the Future: The Fourth Industrial Revolution and Digital Transformation in a Global Economy (3)
TGM 720 Qualitative Analysis for Systems Thinkers: Learning from the Field (3)
TGM 740 Leading and Managing Global Organizations: Advanced Topics (3)
TGM 745 Data Analysis for Global Leaders (3)

Restricted Electives (3 credit hours)
TGM 715 States and Markets in the Fourth Industrial Revolution Global Economy: Applications for Global Leaders (3) or
TGM 730 Systems Change and Transformation in the Anthropocene (3)

Electives (24 credit hours)

Research (15 credit hours)
TGM 790 Reading and Conference (3)
TGM 792 Research (12)

Culminating Experience (3 credit hours)
TGM 793 Applied Project (3)

Additional Curriculum Information
With approval from the student's supervisory committee and Graduate College, 15 credit hours from a previously awarded master's degree can be used for this degree.

Students should consult with the academic unit for selection of open electives and restricted electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• written statement
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Preferred applicants have eight years of senior-level work experience. This information should be reflected in the applicant's professional resume.

The applicant's written statement should demonstrate a global perspective and desire for an applied focus in their program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Thunderbird's network of Centers of Excellence from Los Angeles to Tokyo, and Amsterdam to Nairobi provides a truly global presence that facilitates academic offerings in major commercial centers around the world, connecting and engaging its worldwide alumni network and supporting international research and employment opportunities.

Career opportunities

Graduates of this program have gained knowledge and skills and developed their leadership and management capabilities to manage the rapid disruptions happening now in traditional business and industry processes. They can advance and transform their careers through practical, research-based approaches and apply them to globally oriented public, private, governmental or nonprofit organizations.

Career examples include:

- chief executive officer
- chief operating officer
- director
- financial manager
- general manager
- government official
- public policy analyst
- senior organization consultant
- supply chain manager
- sustainability officer

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/doctorate/doctor-professional-practice-global-leadership-and-management
admissions.tbird@asu.edu
602-496-7100
Admission deadlines (https://thunderbird.asu.edu/degree)

Global Leadership and Strategy, MGLS (TBGLSXMGLS)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

Thunderbird School of Global Management's Master of Global Leadership and Strategy program with an executive focus delivers an immersive training experience for executives that takes the student inside the boardrooms of businesses and governments around the world. Students gain actionable insights into the strategy and leadership nuances at play in today's complex and dynamic global economy.

Through an integrated curriculum that follows a thematic pattern mirroring executive decision-making realities, students engage in online courses and on-site experiential learning opportunities that develop their global mindset and bring them face-to-face with leaders of transnational enterprises who shape policy and industry.

The program consists of six rigorous courses of five credits each --- deep dives led by eminent professors and practitioners into topics such as global business megatrends, building sustainable enterprises, and tapping into emerging markets. The six on-site modules are delivered in key global locations, taking students on a transformative journey that includes in-person learning experiences in Los Angeles, Geneva, Nairobi, Mumbai, Shanghai and São Paulo. These travel-training adventures feature powerful professional development experiences, such as attending exclusive business and government roundtables or taking part in targeted site visits that offer students inside access to regional business. All in-person instruction follows a schedule designed for working professionals and is supplemented by sophisticated online coursework.

The MGLS program breaks free of the traditional, lockstep curriculum of other graduate business programs. Students are immersed in hands-on, culturally complex leadership situations that build their analysis and decision-making capabilities, enhance their executive presence and accelerate their career advancement.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the current world. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (TGM 606)

Required Core (5 credit hours)
TGM 601 Megatrends: Understanding Future Drivers and Their Influences (5)

Other Requirements (20 credit hours)
TGM 602 Sustainable Futures: Building, Tapping and Creating Shared Value in a Changing World (5)
TGM 603 Shaping Markets: Market Entry and Winning Strategies (5)
TGM 604 Capturing Dividends: Finding, Fostering and Exploiting New Insights (5)
TGM 605 Delivering Results I: Resourcing and Influencing to Maximize Impact (5)

Culminating Experience (5 credit hours)
TGM 606 Delivering Results II: Peak Dynamism Execution and Comprehensive Debrief (5)

Additional Curriculum Information
Other Requirements courses may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students gain global experience with six on-site modules in dynamic global locations.

Career opportunities

Graduates are equipped with the executive skills and hands-on experience that organizations around the world demand. They are ready to seize the immense opportunities offered in this era of technological transformation and economic complexity, including leading global enterprises at the intersections of business, society, science and technology.

Career examples include:

- chief executive
- chief sustainability officer
- consultant
- entrepreneur
- general and operations manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/executive
admissions.tbird@asu.edu
602-496-7100

Global Leadership and Strategy, MGLS (TBGLSMGLS)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

The Master of Global Leadership and Strategy is a global cohort executive leadership and strategy program that centers on development of students' advanced capabilities to conceptualize and deliver profitable growth, along with the competencies to lead strategy execution efforts in a complex and dynamic global environment. This innovative program closely patterns executive decision realities by orienting around key themes that naturally flow --- from the macro to the micro, global to local, public to private --- interweaving relevant disciplines to address the pressing issues that executives face. It is transdisciplinary in both approach and execution.

The MGLS program combines thematically anchored content with field-deployed experiential learning projects (alternating between developed and emerging markets) that enable participants to interact firsthand with leaders who shape policy and industry and to demonstrate executive acumen through action and response simulation, sprint consultancy engagement, and innovation challenge delivery. The result is a deeply innovative, action-oriented, global executive education experience.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (TGM 606)

Required Core (5 credit hours)
TGM 601 Megatrends: Understanding Future Drivers and their Influencers (5)

Other Requirements (20 credit hours)
TGM 602 Sustainable Futures: Building, Tapping and Creating Shared Value in a Changing World (5)
TGM 603 Shaping Markets: Market Entry and Winning Strategies (5)
TGM 604 Capturing Dividends: Finding, Fostering and Exploiting New Insights (5)
TGM 605 Deliver Results I: Resourcing and Influencing to Maximize Impact (5)

Culminating Experience (5 credit hours)
TGM 606 Delivering Results II: Peak Dynamism Execution and Comprehensive Debrief (5)

Additional Curriculum Information
Other Requirements courses may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts

• professional resume
• letter of intent or written statement
• admission interviews
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants should be of high potential (i.e., selected by their organization as being on a trajectory to senior executive positions), and they must have at least eight years of leadership or executive experience.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/executive
admissions.tbird@asu.edu
602-496-7100

Global Management (Creative Industries and Design Thinking), MGM (TBGMCIDMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

This program is not accepting applications at this time.

Program description

In the creative industries and design thinking concentration within the Master of Global Management program, offered in collaboration with the Herberger Institute for Design and the Arts (https://herbergerinstitute.asu.edu/), students acquire critical skills with an interdisciplinary focus to meet a current need in the globally expanding field of creative industries. Additionally, students gain an entrepreneurial skill set that strengthens their ability to connect interdisciplinary knowledge of the cultural industries with design thinking methodology, building on management skills and the ability to apply entrepreneurial vision to the globally interconnected sector of art and design.

Students are exposed to design-thinking pedagogy as they increase their capacity for interpersonal communication, public communication, opportunity recognition, network and systems thinking, problem recognition and creativity. They also gain skills in cultural leadership as well as knowledge about the creative industries, distribution of creative products, the creative process, and management of innovation in the creative industries.

This concentration empowers students to advance innovation in the cultural sector, support creative work and careers, harness social capital, and design public and private enterprises that will strengthen arts and design in the future. The program prepares graduates to understand the complex economic, legal, political and social contexts that surround any innovation or enterprise.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape. After completing this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (6 credit hours)
HDA 513 Applied Creative Research and Evaluation Methods (3)
HDA 521 Counting Arts and Culture: Reasoning with Empirical Evidence (3)

Restricted Electives (6 credit hours)
GRA 501 Creative Environment and Collaborative Leadership (3)
HDA 522 Media Literacy and Distribution (3)
creative enterprise development elective (3)
leadership elective (3)

Open Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For restricted electives, students choose two of the following, for a total of six credit hours: HDA 522, GRA 501, a creative enterprise development elective, a leadership elective.

Open electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, courses from the Other Requirements list may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to attend an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, enabling students to solve practical challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Thunderbird Global Challenge Lab (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab)
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are practical and effective.

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include these positions:

- intelligence analyst
- instructional designer or technologist
- management analyst
- marketing manager
- market research analyst or marketing specialist
- sales manager
- social or community services manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Data Science), MGM (TBGMDSCMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

This STEM-designated data science concentration within the Master of Global Management program, developed in partnership with the School of Computing and Augmented Intelligence (https://scai.engineering.asu.edu/) in the Ira A. Fulton Schools of Engineering, is designed for students who are interested in gaining both global management and data management expertise to work in multinational corporations, international nonprofit entities, and governmental and nongovernmental organizations around the world.

As global companies and organizations continue to rely on data to drive management decisions, it is increasingly important for leaders to have the skills necessary to understand and interpret that data.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. After completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Economics, BS

Marketing (Digital), BS

Liberal Studies, BA

Business (Statistics), BA

Marketing (Professional Sales), BS

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Engineering Management, BSE

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Agribusiness Innovation and Technology), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
CSE 511 Data Processing at Scale (3) or CSE 512 Distributed Database Systems (3)
CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)
Choose two from the following:
CSE 510 Database Management System Implementation (3)
CSE 515 Multimedia and Web Databases (3)
CSE 546 Cloud Computing (3)
CSE 573 Semantic Web Mining (3)
CSE 578 Data Visualization (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other required coursework may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM program. Students whose native language is not English who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve practical challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of

the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include:

- computer and research information scientist
- instructional designer or technologist
- intelligence analyst
- management analyst
- market research analyst or marketing specialist

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Digital Audience Strategy), MGM (TBGMDASMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The digital audience strategy concentration within the Master of Global Management program is designed for students who are interested in augmenting their digital skills in the areas of marketing, design and product development. It complements a strong core of global leadership and management skills through field-based action learning, team based projects and stretch assignments. Offered in collaboration with the Walter Cronkite School of Journalism and Mass Communication (https://cronkite.asu.edu/), this program enables students to combine digital expertise with the global management skills found in graduates of the traditional MGM program.

The research approaches used to identify and reach target audiences through digital audience strategy include traditional and emerging methods, such as real-time website and social media audience analysis, social network analysis, search engine optimization analysis, surveys, focus groups and competitive analysis. Graduates master a variety of methods to inform strategy for specific outcomes.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
MCO 561 Defining the Digital Audience (3)
MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)
MCO 563 Social Media Campaigns and Engagement (3)
MCO 564 Digital Audience Research and Behavior (3)
MCO 565 Digital Audience Analytics (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For the concentration coursework, students must take MCO 561, then choose three courses from MCO 562, MCO 563, MCO 564 and MCO 565, for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, Other Requirements courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to attend an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve actual challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders, as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include these positions:

- instructional designer or technologist
- intelligence analyst
- management analyst
- marketing manager
- market research analyst or marketing specialist
- sales manager
- social media manager
- UX designer

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management, MGM (TBTGMXMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

Thunderbird School of Global Management's Master of Global Management program with an executive focus provides a way for busy professionals to obtain a top-ranked management degree within a lock-step program in just 12 months. Next-generation management coursework, cross-cultural insight and regional studies prepare graduates to lead transnational businesses, nonprofit organizations and government agencies.

Students in the program learn to lead teams and manage projects across borders and at all levels of an organization that operates in different locations around the world. This program goes beyond the traditional executive-level business degree, offering comprehensive instruction in global management disciplines as well as cross-cultural communications, negotiations and international political economy. With its transdisciplinary philosophy blending business and trade, public policy, and international affairs, the well-rounded curriculum builds capability in every facet of international management. It features hands-on, experiential learning opportunities and practical, applicable explorations of the intricacies of leading global enterprises.

The yearlong executive degree program begins with an intensive residence module delivered in the school's state-of-the-art facilities in the downtown business district of Phoenix. Throughout the program, the cohort meets on weekends for in-person instruction with Thunderbird faculty. A highlight of the program is the opportunity for students to apply what they have learned in an international location through a Global Field Seminar or Global Challenge Lab.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Thunderbird graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Degree requirements

31 credit hours including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Other Requirements (15 credit hours)
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 530 Big Data in the Age of the Global Economy (3)
TGM 549 Global Leadership (3)
TGM 598 Topic: Global Digital Transformation (3)
TGM 598 Topic: Lifelong Personal Leadership in the Global Economy (3)

Electives (12 credit hours)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
The academic unit may approve courses other than those on the Other Requirements list.

For electives coursework, students should see the academic unit for the approved course list.

Students are allowed up to six credit hours of 400-level courses on the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. The program is open to candidates from any undergraduate major.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in the executive MGM program travel with classmates on one faculty-led Global Field Seminar or Global Challenge Lab during the program.

Global Field Seminar
This one-week, for-credit seminar offers a hands-on learning experience in a focused region of the world. The seminar comprises site visits and high-level meetings and presentations with business, government and cultural leaders, enabling students to learn what makes doing business in the region distinct.

Global Challenge Lab
This client-facing, project-based course is built on a one-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are practical and effective. For more information, students should visit the Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Career opportunities

Career opportunities include these professional positions:

- chief compliance officer
- chief executive officer
- chief financial officer
- chief information officer
- chief marketing officer
- chief operating officer
- chief sustainability officer
- executive director
- vice president

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/executive/executive-master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Affairs), MGM (TBGMGAMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The global affairs concentration within the Master of Global Management program equips students with the knowledge base and hard skills needed to thrive in the growing job markets at the nexus of global business and international politics. Students gain a critical understanding of the intersection between business and politics --- which is more important than ever for managers and executives in the private, nonprofit and public sectors.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from an approved list, for a total of 12 credit hours. Students should contact the academic unit for the approved course list.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, courses on the Other Requirements list may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM program. Students whose native language is not English who meet the admission requirements for the master's degree program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve practical challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Challenge Lab
This client-facing, project-based course is built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Graduates are prepared to take on management and executive positions in government agencies such as the U.S. Department of Commerce, the State Department and the Treasury Department, or similar roles in the government of a

student's home country. The global affairs concentration also positions graduates for leadership roles in international organizations, such as the World Bank or the World Trade Organization, and in major companies that require analysts to monitor policy trends, managers to oversee global supply chains, and representatives to advance global business interests to governments, both domestic and foreign.

Career examples include:

- business continuity planner
- diplomat
- intelligence analyst
- political scientist
- regulatory affairs specialist
- social and community service manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Business), MGM (TBGMGBMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The STEM-designated global business concentration within the Master of Global Management program allows students to specialize in the various pathways in global business, such as global finance, global marketing, supply chain or management consulting. By developing students' skills --- such as cross-cultural competency, social and emotional intelligence, and creative and adaptive thinking --- this program helps sharpen their global mindset, along with leadership and management skills, preparing them for a boundless career.

Global business effectiveness requires knowledge and understanding of global dynamics, the ability to simplify and explain complex ideas, and a nuanced, cosmopolitan view of the world. These three dimensions form the basis of global intellectual capital. In the MGM degree program, this capital is built inside and outside the classroom through a next-generation international business curriculum reinforced with field-based projects that integrate international business experience, illustrating social proof of global intellectual capital mastery. The concentration in global business prepares students who aspire to become global managers or leaders in their chosen fields.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Artificial Intelligence in Business, MS

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from an approved list, which includes 500-level TGM courses, select SCM courses (502, 515, 520, 541 and 542) and HSM 550. Students should contact the academic unit for a full list of approved courses.

Students specialize their electives in various areas in global business, such as global finance, global marketing or global leadership. Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, courses on the Other Requirements list may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English and who meet admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve practical challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Challenge Lab
This client-facing, project-based course is built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab) website.

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders, as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include these positions:

- auditor
- financial analyst
- financial manager
- general and operations manager
- human resources manager
- intelligence analyst
- logistics manager
- management analyst
- marketing manager
- sales manager
- supply chain manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management

admissions.tbird@asu.edu
602-496-7100

Global Management (Global Development and Innovation), MGM (TBGMGDIMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The global development and innovation concentration within the Master of Global Management program prepares global leaders to leverage innovation strategies in order to tackle development and planetary challenges.

Tailored to each student's ambitions and interests, this distinct academic concentration is offered in collaboration with the School for the Future of Innovation in Society (https://sfis.asu.edu/). It is relevant to development practitioners who seek to complement their skills and experience and to those interested in pursuing careers in international development agencies within and beyond government as well as in nongovernmental organizations and community organizations at the local, national and international levels.

Students are equipped with the analytical and practical skills and experience needed to engage critically as leaders in issues around innovation and development and to work across the intersections of innovation, development policy and global management. They are prepared to make a positive impact in leadership roles alongside the school's global alumni network of professionals who are making a difference.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. After completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
GTD 501 Global Technology and Development (3)
GTD 503 Technology and the International Political System (3)
GTD 504 Technology and Development in Zones of Conflict (3)
GTD 505 Social Science Inquiry for Global Development (3)
GTD 506 Applied Project Methods in Global Development (3)
GTD 507 Technology and Development in the Middle East (3)
GTD 508 Technology and Development in Latin America (3)
GTD 509 Technology and Development in North Africa (3)
GTD 510 Technology and Development in Sub-Saharan Africa (3)
GTD 511 Development Policy and Practices (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from the approved list, for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, Other Requirements courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve practical challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Challenge Lab

This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are practical and effective. For more information, students should visit Thunderbird Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminars
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include:

- business continuity planner
- environmental economist
- environmental restoration planner
- regulatory affairs manager
- sustainability specialist
- urban and regional planner
- water resource specialist

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Digital Transformation), MGM (TBGMGDTMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The STEM-designated global digital transformation concentration within the Master of Global Management program is designed for students interested in augmenting their digital skills in the areas of management consulting, marketing, design and product development.

Students can tailor this next-generation academic concentration to fit their specific learning goals. Through collaborative courses offered in partnership with other ASU colleges, students may combine the global management skills gained in the MGM with digital expertise to create a dual specialization that will continue to be in high demand throughout the global economy.

Students in this concentration expand their electives, fuse technological skills with managerial skills, and combine the global management skills of the MGM with digital expertise by specializing in the various pathways of global digital transformation through program coursework and applied learning projects guided by faculty experts.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape of the current world. Upon completion of this degree, graduates

join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Artificial Intelligence in Business, MS

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, courses on the Other Requirements list may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English and who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference

• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve practical challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Global Challenge Lab
This client-facing, project-based course is built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Career opportunities

Career examples include:

- intelligence analyst
- logistics analyst
- management analyst
- marketing manager
- market research analyst or marketing specialist

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management

admissions.tbird@asu.edu
602-496-7100

Global Management (Global Entrepreneurship), MGM (TBGMGEMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The global entrepreneurship concentration within the Master of Global Management program is offered to students who are interested in starting their own business or who need to be entrepreneurial in the organizations they work for.

This concentration provides a broad foundation of international business knowledge and sharpens students' entrepreneurial skills by helping them develop business plans for global enterprises. Learning opportunities are specifically designed to foster innovation and economic growth worldwide in order to stimulate the growth of students into global entrepreneurs.

Students benefit from a robust educational base that includes core subjects such as finance and accounting. The program is further enriched by targeted training in areas including market analysis, pitching business ideas, and assessing the viability of new products and services. Through this holistic approach, the global entrepreneurship concentration aims to transform students into forward-thinking leaders who can navigate and shape the future of global business.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completing this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
TGM 524 Valuation of the Private Firm (3)
TGM 525 Global Financing and Forecasting for the Private Firm (3)
TGM 527 Global Private Equity (3)
TGM 598 Special Topics (1-4)

Electives (12 credit hours)

Other Requirement (21 credit hours)
foreign language
TGM 596 Thunderbird Experiential Practicum (6)

Students choose five courses from the following:
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 598 Topic: The Global Business Plan (3)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from an approved list. Students should see their academic advisor for the approved list of TGM 598 special topics.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency through

an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve authentic challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with

business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Career opportunities

Career examples include:

- chief executive
- chief sustainability officer
- general and operations manager
- logistics manager
- purchasing manager
- sales manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Health Care Delivery), MGM (TBGMGHDMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The global heath care delivery concentration within the Master of Global Management program provides students with practical skills and hands-on experience in both global management and health care delivery.

Offered in collaboration with the College of Health Solutions (https://chs.asu.edu/), this concentration enables graduates to meet the growing need for skilled health care managers who have a solid foundation of international business skills and a global mindset. It is designed for current or aspiring executives and managers in health care who would like to hone their leadership and business skills to position themselves for careers leading health care organizations around the world. Some health care practitioners, such as nurses and doctors, may also use the degree to move from clinical practice into management roles.

Students master core and advanced skills in designing systems, processes and mechanisms used to optimize health care delivery anywhere in the world. In addition, students integrate evidence-based financial principles geared toward improved individual and population health outcomes, such as leadership strategies in change management.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
HCD 502 Foundations of U.S. Health Systems and Design (3)
HCD 520 Population Health (3)
HCD 521 Health Policy and Equity (3)
HCD 532 Health Care Management and Finance (3)
HCD 540 Advanced Performance Improvement in Health Care (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)

TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For the concentration coursework, students choose four courses from the approved list, for a total of 12 credit hours.

Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required to graduate with the MGM degree. Students whose native language is not English who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of foreign language coursework at the 400 level or higher as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• essay response to application question
• interview
• one professional or academic reference
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet actual business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve current challenges by collaborating with the school's corporate partners around the world. Options include:

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit the Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminars
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

The program addresses the current and future needs of the management workforce in the health care industry globally, including C-suite executives and administrators, health care providers (physicians, physician assistants, nurse practitioners and nurses), frontline staff (respiratory therapists, occupational therapists, physical therapists and dietitians) and students in medical disciplines.

Career examples include:

- compliance manager
- management analyst
- medical and health services manager
- social and community service manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Health Care Innovation), MGM (TBTGMHCMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The global health care innovation concentration within the Master of Global Management program prepares students to assume leadership and managerial responsibilities in global health care organizations.

Students design, apply knowledge to, implement and create innovative solutions that can transform health care ecosystems. They learn how to create and sustain cultures of innovation in health care from multiple perspectives. These perspectives may include personal competence for innovation, use of evidence in decision-making, reframing system infrastructures, financing, cross-cultural communication, entrepreneurship, technology and policymaking. Students develop competence in the design, application and testing of innovative processes and products.

Offered in collaboration with the Edson College of Nursing and Health Innovation (https://nursingandhealth.asu.edu/), this concentration prepares students to lead processes of innovation and transformation globally.

STEM-OPT extension eligible: No

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TGM 506 Communicating and Negotiating Across Cultures (3) or TAM 582 Communicating and Negotiating in a Dynamic World (3)

Other Requirements (21 credit hours)
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Concentration (12 credit hours)
HCI 538 Innovation and the Individual (3)
HCI 540 Understanding and Applying Principles of Evidence-based Practice (3)
HCI 542 Systems Thinking in a Complex Environment (3)
HCI 544 Information Technology (IT) for Health Care Innovation (3)
HCI 548 Advanced Principles and Concepts of Innovation (3)
HCI 550 Health Care Policy and Innovation (3)
HCI 552 Financing for Innovation (3)
HCI 554 Outcomes Evaluation (3)

Electives (12 credit hours)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Students complete a total of 12 credit hours of concentration coursework: HCI 538 (three credit hours) and nine credit hours from the list of concentration courses. Courses should be selected in consultation with the student's academic advisor.

Students complete six credit hours of TGM 596. Except for TGM 596 and the foreign language requirement, Other Requirements courses may be substituted with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• essay response to the the application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, enabling students to solve practical challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are practical and effective. For more information, students should visit the Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This two- or three-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders, as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Examples of career opportunities include these professional titles:

compliance manager
health administrator
health care consultant
medical and health services manager
operations manager
patient service manager
regulatory affairs manager
social and community service manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Global Legal Studies), MGM (TBGMGLSMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The global legal studies concentration within the Master of Global Management program is designed for students who desire to work in areas that require knowledge of global legal issues but may not want to be lawyers. Other students may use this concentration as an introduction to legal studies before pursuing law school.

Offered in collaboration with the Sandra Day O'Connor College of Law (https://law.asu.edu/), this program provides students with transdisciplinary global management and legal expertise that opens doors in multiple sectors within organizations operating around the world.

The first step in understanding and applying laws is developing an understanding of basic legal principles and then using those principles to identify and analyze relevant legal issues. Through the foundational courses of the MGM with a concentration in global legal studies, students master relevant legal principles while gaining legal analysis skills, mainly through case briefings; examples include identifying a particular case's legal issue, articulating the legal rule, discussing the court's analysis, and concluding. These legal analysis skills are tested on final exams in the foundational courses through hypothetical fact scenarios. Students gain a strong understanding of legal principles --- the basis of legal analysis --- and the ability to apply them in their field of interest.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this

degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, Other Requirements courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve current challenges by collaborating with the school's corporate partners around the world. Options include the programs described below.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include:

- compensation and benefits manager
- compliance manager
- human resources manager
- intelligence analyst
- regulatory affairs manager
- urban and regional planner

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Nonprofit Leadership and Management), MGM (TBGMNLMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The nonprofit leadership and management concentration within the Master of Global Management program provides students with a deep understanding of the nonprofit sector's role in the global economy and with the knowledge and

skills to lead and manage transnational nonprofit organizations. Through a collaboration with Watts College of Public Service and Community Solutions (https://publicservice.asu.edu/), students take courses in nonprofit leadership and management. Students learn to evaluate and articulate the historical and philosophical context of nonprofit organizations in society, and the theory and practice of philanthropy while mastering next-generation financial management practices.

Because the lines between the functions of nonprofit and for-profit organizations are increasingly blurry, Thunderbird's renowned faculty have designed a cross-sectoral and transdisciplinary curriculum that is tailored for students who aspire to leadership roles in global nonprofit institutions in which they can leverage their business and global management expertise in their work.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
NLM 540 Strategic Human Resources Management (3)
NLM 570 International Non-Governmental Organizations (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, Other Requirements courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee

• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve current challenges by collaborating with the school's corporate partners around the world. Options include the programs described below.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders, as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include:

business continuity planner
environmental economist
environmental restoration planner
regulatory affairs manager
social and community service manager

sustainability specialist
urban and regional planner

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Public Administration), MGM (TBGMPAMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The public administration concentration within the Master of Global Management program is designed for future leaders who want public service skills and experience as part of their global management repertoire. It is also intended for students who are seeking roles within public institutions or roles that interact with those institutions, especially on matters where public policy overlaps with business or other global enterprises. The program is designed by Thunderbird's renowned faculty and allows students to take courses in public administration through Watts College of Public Service and Community Solutions (https://publicservice.asu.edu/).

Students acquire a broad skill set and solid foundational understanding of public administration, leadership, management and policy analysis in service to the public good. This program prepares students for leadership roles in governmental and nonprofit organizations around the world.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
PAF 503 Public Affairs (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 508 Organization Behavior (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, Other Requirements courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve actual challenges by collaborating with the school's corporate partners around the world. Options include the programs described below.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are practical and effective. For more information, students should visit Thunderbird's Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders, as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include:

- business continuity planner
- intelligence analyst
- legislator
- political scientist
- regulatory affairs manager
- social and community service manager
- sustainability specialist

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Public Policy), MGM (TBGMPPMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The public policy concentration within the Master of Global Management program is designed for students who wish to work in cross-sector roles within public and nonprofit institutions around the world. Other students may use this program as a springboard into jobs in the private sector that have significant overlap with public agencies. In short, graduates are prepared in both global management and public policy to meet the demands of an increasingly interwoven economy.

The curriculum equips students with the skills needed to analyze policy environments, assess the effectiveness of various strategies, and craft innovative approaches to address challenges in the global policy landscape.

Offered in collaboration with the Watts College of Public Service and Community Solutions (https://publicservice.asu.edu/), this program enables students to apply analytical techniques and conceptual frameworks to understand policy issues and to identify potential solutions to real-world challenges.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape of the Fourth Industrial Revolution. Upon completion of this degree program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam, including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3) or PAF 541 Program Evaluation (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English and who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve real-world challenges by collaborating with the school's corporate partners around the world. Some options include:

Thunderbird Global Challenge Laboratories (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab)
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective.

Global Field Seminars
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Career examples include:

- business continuity planner
- intelligence analyst
- legislator
- political scientist
- regulatory affairs manager
- sustainability specialist
- social and community service manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Sustainability Solutions), MGM (TBGMSSMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The sustainability solutions concentration within the Master of Global Management program prepares students for the professions of the future. In this concentration, students earn a degree that not only advances their professional goals but also contributes to a more sustainable future. Offered in collaboration with ASU's School of Sustainability (https://schoolofsustainability.asu.edu/), this program meets the increasing demand for leaders who have expertise in sustainability, who understand how to apply its principles and technology in approaching problems, and who know how to work with and draw from different disciplines to develop practical solutions to the world's most urgent sustainability challenges. Graduates emerge as well-rounded professionals, ready to lead efforts in shaping a sustainable future across sectors and industries.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this degree program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours including a foreign language exam and the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
SOS 508 Pathways to Sustainability (3)
SOS 509 Leading Sustainability Transitions (3)
Students choose two courses from the following list, for a total of six credit hours:
EMS 522 Mastering the Global Sustainability Context (3)
EMS 523 Strategic Sustainability and Leadership (3)
EMS 524 Sustainability Storytelling and Communications (3)
EMS 525 Essentials for Transformative Leadership in Sustainability (3)
SOS 514 Human Dimensions of Sustainability (3)
SOS 545 Creating Sustainable Organizations (3)
SOS 548 Transformational Sustainability Entrepreneurship (3)
TGM 585 Corporate Social Responsibility in a Global Context (1-3)
TGM 598 Topic: Circular Economy (3)
TGM 598 Topic: Smart and Resilient Communities (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, SOS 508 and 509 are required. The remaining six credit hours required for the student's concentration are to be selected from the approved course list, available from the academic unit.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, Other Requirements courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply if they have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have distinct opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, giving students the ability to solve actual challenges by collaborating with the school's corporate partners around the world. Two options are described below.

Thunderbird Global Challenge Lab (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab)
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the client's business needs and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are practical and effective.

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on

experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Governments, companies and individuals are increasingly recognizing the importance of sustainability. This has led the United Nations to outline Sustainable Development Goals for 2030, an effort that many multinational corporations, nonprofit organizations and state entities have pledged to join.

As sustainability gains more traction, knowledge and management expertise in this area will become increasingly attractive to employers. Graduates of the sustainability solutions concentration are prepared for these new organizational norms and to capitalize on the need for expert leadership in this rapidly growing profession.

Career examples include:

business continuity planner
environmental economist
environmental restoration planner
quality control systems manager
sustainability specialist
urban and regional planner
water resource specialist

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Sustainable Tourism), MGM (TBGMSTMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

The sustainable tourism concentration within the Master of Global Management program prepares students for management and executive-level positions in the tourism industry globally. Offered in collaboration with ASU's Watts College of Public Service and Community Solutions (https://publicservice.asu.edu/), this program addresses the unique character of the sustainability revolution, preparing graduates to transform the sustainability practices of global enterprises in tourism development and management.

Designed for students who are interested in working in sustainable tourism, hospitality, travel and related fields, the concentration opens up a world of opportunities. Students can take courses in sustainable tourism from Watts College at ASU's Downtown Phoenix campus, located in the heart of the state capital's thriving business district.

Students specialize in sustainable tourism management, mastering the principles and practices of successful sustainable development in the tourism field. Together, students in a diverse cohort learn to integrate economic, social and environmental aspects of sustainability as it relates to tourism; conduct sustainability audits for destinations and businesses; evaluate community impacts of tourism; innovate and evaluate sustainable tourism practices; and perform business planning and management. Students receive specialized hands-on training in international business, cross-cultural relations, global political economy and regional business environments.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal

Thunderbird student is curious, globally minded, and eager to develop and advance their career in leadership and management within the global and digital landscape. Upon completion of this program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Marketing, BS

Industrial Design, BSD

Informatics, BS

Business (Communication), BA

Economics, BS

Business (Business Administration), BA

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Liberal Studies, BA

Business (Information Security), BA

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Business (Public Service and Public Policy), BA

Business (Statistics), BA

Philosophy, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Marketing (Professional Sales), BS

Religious Studies (Religion, Culture and Public Life), BA

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

Business (Global Politics), BA

Business (Language and Culture), BA

Business Data Analytics, BS

Business (Sustainability), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Global Management, BGM

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Industrial Engineering, BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours, a foreign language exam and the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 520 Sustainable Thinking in Tourism I (3)
TDM 521 Sustainable Thinking in Tourism II (3)
TDM 540 Sustainable Food Management in Tourism (3)
TDM 570 Sustainable Tourism (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)
foreign language
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For concentration coursework, students choose four courses from the approved list, for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, courses on the Other Requirements list may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference
• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to attend an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Students in Thunderbird's MGM program have unique opportunities to apply and hone their learning in international settings. Experiential learning exposes Thunderbird students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level. Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, enabling students to solve real-world challenges by collaborating with the school's corporate partners around the world. Options include those described below.

Global Challenge Lab
This is a client-facing, project-based course built on a six- to seven-week immersion assignment in a key emerging or advanced market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations, and plans for sustained growth that are practical and effective. For more information, students should visit the Thunderbird Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminar
This one- or two-week seminar exposes students to the dynamics and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders, as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Graduates enter their profession ready to oversee initiatives in research, development, implementation, execution and evaluation of sustainable tourism plans for businesses and destinations. They are prepared for today's complex and exciting global economy at the top of organizations that operate across borders, and they join a global network of Thunderbird alumni who hold leadership positions in global organizations worldwide.

With their global mindset, future-ready core professional skills, mastery of management principles, and multicultural outlook, graduates are prepared to lead enterprises with a global scope. Potential employers include international tour operators as well as cities and venues around the world that attract guests from all over the globe.

Career examples include:

- business continuity planner
- environmental economist
- environmental restoration planner
- quality control system manager
- sustainability specialist
- transportation manager
- urban and regional planner

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Global Management (Space Leadership, Business and Policy), MGM (TBGMSBPMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

Thunderbird School of Global Management's executive Master of Global Management program with a concentration in space leadership, business and policy is tailored for individuals pursuing careers in commercial spaceflight, defense and civil aerospace, artificial intelligence and big data, and next-generation manufacturing. Students access a wealth of opportunities across the aerospace and technology sectors.

Designed and taught by industry-leading faculty members and experts, this 12-month program prioritizes industry immersion and focuses on modern practices, principles and case studies for corporate, startup, nonprofit and governmental organizations operating in space. To build cross-disciplinary skills, students take coursework featuring renowned practitioners and scholars from ASU's School of Earth and Space Exploration (https://sese.asu.edu/).

Substantial opportunities are available for hands-on learning and networking with leaders at NASA, private industry and global nonprofits, including a workshop and networking session at Kennedy Space Center and facility visits to NASA and commercial space companies.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Liberal Studies, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

31 credits including the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (18 credit hours)

TGM 517 Global Accounting and Financial Management (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 560 Space for Global Future Leaders (3)
TGM 561 Global Space Policy and Law (3)
TGM 562 Global Space Entrepreneurship and Sustainability (3)
TGM 563 Space and Global States and Markets (3)

Electives (9 credit hours)
Choose three of the following courses:
TAM 542 Global Leadership and Personal Development (3)
TGM 530 Big Data in the Age of the Global Economy (3)
TGM 558 Global Data Analysis for Strategic Marketing (3)
TGM 594 Conference and Workshop (3)
TGM 598 Topic: Strategic Management of Technology and Innovation (3)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
For elective coursework, students should see the academic unit for timing and availability of courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. The program is open to candidates from any undergraduate major.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Career opportunities can include these professional titles:

chief compliance officer
chief executive officer
chief financial officer
chief information officer
chief marketing officer
chief operating officer
chief sustainability officer
executive director
vice president

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/executive/executive-master-global-management-space-leadership
admissions.tbird@asu.edu
602-496-7100

Global Management, Entrepreneurship and Innovation (Certificate), Certificate (TBTGMGRCT)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix, Online

Program description

Thunderbird's graduate certificate program in global management, entrepreneurship and innovation provides an in-depth study of global political economy, leadership, strategy, negotiation and cross-cultural communications, giving students the skills they need to succeed in today's increasingly global business environment.

A practical curriculum --- with a strong core of global business management skills, international political economy and cross-cultural training --- is delivered through a transdisciplinary approach and is designed to foster new ways of thinking and enhance the entrepreneurial and managerial skills necessary to go from planning to execution.

Students have the opportunity to apply courses within this certificate towards completing half of the Master of Leadership and Management degree.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
TGM 586 Global Entrepreneurship and Sustainable Business (3)

Restricted Electives (12 credit hours)
TAM 511 Global Accounting: Managing with Number (3)
TAM 530 Data Analytics and Digital Transformation in a Global World (3)

TAM 542 Global Leadership and Personal Development (3)
TAM 557 Global Marketing in a Digital Age (3)
TGM 506 Communicating and Negotiating Across Cultures (3)
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)

Additional Curriculum Information
For restricted electives, students select four courses from the list above. Other courses may be approved by the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-global-management-certificate/) for program descriptions and to request more information.

Career opportunities

Graduates who have combined the certificate in global management, entrepreneurship and innovation with their major program of study may become more marketable to employers. Many decide to pursue employment in corporate functions such as marketing, strategy, finance, human resources and supply chain management.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/certificates
admissions.tbird@asu.edu
602-496-7100

Global Management, MGM (TBTGMMGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Program description

Thunderbird School of Global Management's Master of Global Management program is the most innovative leadership and entrepreneurship degree for professionals seeking a career in the most exciting global organizations. The program builds on a strong foundation of traditional business administration courses and adds Industry 4.0 skills such as digital transformation; environmental, social and governance-informed investing; diversity and inclusion; and entrepreneurship and innovation, delivering cross-cultural, hands-on training in the nuances of international management. Students are prepared with the perfect balance of practical and people skills to inspire, influence and drive global success. They globalize their mindset and marketability by pairing their deep-dive leadership training with an innovative concentration area, foreign language options, practical training, consultative collaborations with corporate partners, internships, real-world simulations and study abroad modules.

Programs start in August or January with a 16- or 21-month track.

The accelerated MGM (https://thunderbird.asu.edu/degree/accelerated/accelerated-master-global-management) enables students to earn both a bachelor's and master's degree in as few as five years. This cost-effective option enables students, with the help of their undergraduate academic advisor, to take 12 credit hours of core master's degree classes during their senior year.

Students choose one of the 16 concentration areas or design their own concentration. This program features three concentration options for STEM specializations that meet F-1 student visa status requirements, starred below.

Thunderbird concentrations:

• global affairs
• global business*
• global digital transformation*
• global entrepreneurship

Concentrations offered in partnership with other ASU schools and colleges:

• creative industries and design thinking
• data science*
• digital audience strategy
• global development and innovation

• global health care delivery
• global health care innovation
• global legal studies
• nonprofit leadership and management
• public administration
• public policy
• sustainability solutions
• sustainable tourism

Students complete rigorous core courses in global management, international political economy and cross-cultural engagement, with electives spanning the university's offerings. The result is a flexible, multidisciplinary curriculum featuring a rich variety of coursework in international business and management, social sciences, and humanities.

Moving from theory to practical experience, students gain skills by taking on projects for major corporations and other global organizations, including nonprofits and government agencies.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Health Care Administration and Policy, MS

Artificial Intelligence in Business, MS

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Economics, BS

Asian Languages (Japanese), BA

Marketing, BS

Industrial Design, BSD

Public Service and Public Policy (Law and Policy), BS

Informatics, BS

International Letters and Cultures (Arabic Studies), BA

Communication, BA

Business (Communication), BA

Economics, BS

Engineering (Robotics), BSE

Business (Business Administration), BA

Psychology, BA

Biological Sciences (Biomedical Sciences), BS

Jewish Studies, BA

History, BA

Business (Law), BA

Marketing (Digital), BS

Sustainability, BS

General Studies, BA

Biochemistry, BA

Health Care Administration and Policy, BS

Technological Entrepreneurship and Management, BS

Liberal Studies, BA

Sustainability, BA

Business (Information Security), BA

Public Service and Public Policy (Criminology), BS

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Asia Studies (South Asia), BA

Social and Behavioral Sciences, BS

Psychology (Forensic Psychology), BA

International Letters and Cultures (Classics), BA

French, BA

Political Science, BA

Public Service and Public Policy (Business), BS

Business (Public Service and Public Policy), BA

Engineering (Mechanical Engineering Systems), BSE

Social Justice and Human Rights, BA

Business (Statistics), BA

Philosophy, BA

English, BA

Management, BS

Supply Chain Management, BS

International Trade, BS

Economics (Politics and the Economy), BS

Marketing (Professional Sales), BS

Psychology, BS

Molecular Biosciences and Biotechnology, BS

Interdisciplinary Arts and Sciences, BA

Biological Sciences (Conservation Biology and Ecology), BS

Religious Studies (Religion, Culture and Public Life), BA

Spanish, BA

Russian, BA

Italian, BA

Technological Leadership, BS

Sociology, BS

Asia Studies (Southeast Asia), BA

Business Entrepreneurship, BS

Business (Food Industry Management), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Engineering Management, BSE

German, BA

Business (Global Politics), BA

Philosophy, Religion and Society, BA

Sociology, BA

Business (Language and Culture), BA

Psychology (Forensic Psychology), BS

Public Service and Public Policy (Health Policy), BS

Biotechnology and Bioenterprise, BS

Business Data Analytics, BS

Asian Languages (Chinese), BA

Microbiology (Medical Microbiology), BS

Public Service and Public Policy (Sustainability), BS

Business (Sustainability), BA

Biochemistry, BS

Engineering (Electrical Systems), BSE

Religious Studies (Religion, Politics and Global Affairs), BA

Microbiology, BS

Latin American Studies, BA

Psychology, BS

Psychology, BA

Health Sciences, BS

Applied Computing, BS

International Letters and Cultures (Classical Civilization), BA

Global Management, BGM

Communication, BS

Business (Health Care), BA

Engineering (Automotive Systems), BSE

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business (Sports Business), BA

Global Health, BA

Asia Studies (East Asia), BA

Social and Behavioral Sciences, BA

Public Service and Public Policy (American Indian Studies), BS

Political Science, BS

Industrial Engineering, BSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

49 credit hours including a foreign language exam and the required capstone course (TGM 597)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Other Requirements (21 credit hours)
TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Global Leadership and Strategy (3)
TGM 557 Global Marketing and Data Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Electives (24 credit hours)

Culminating Experience (1 credit hour)
TGM 597 Thunderbird Personal Leadership Development (1)

Additional Curriculum Information
Proficiency in a second language is required for the MGM degree. Students whose native language is not English who meet the admission requirements for this program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency either through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework.

For electives coursework, students should see the academic unit for approved courses.

For other requirements coursework, other courses may be used with approval from the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. The program is open to candidates from any undergraduate major.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• essay response to application question
• one professional or academic reference

• interview
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should demonstrate the applicant's professional and academic history.

An interview is required. Final applicants may be asked to complete an additional interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design strategic solutions to complex global business challenges.
Apply cultural dimension theories to diagnose cross-cultural communication challenges.
Formulate a personal leadership development plan to support their professional growth as global leaders.

Global opportunities

Global experience: Students in Thunderbird's MGM program have opportunities to apply and hone their learning in international settings. Experiential learning exposes students to actual problems faced by leaders of multinational businesses and governmental or nonprofit organizations that operate on an international level.

Working with Thunderbird professors, their fellow students, alumni and corporate partners, students master and apply global management principles and concepts to meet real business challenges through special courses, labs and projects. Thunderbird offers a wide variety of experiential learning engagements, enabling students to solve real-world challenges by collaborating with the school's corporate partners around the world. Options include the following:

Thunderbird Global Challenge Labs
This client-facing, project-based course is built on a five-week immersion assignment in a key emerging market. Projects take students to destinations all over the world. They are tailored to the business needs of the client and challenge students to provide sophisticated data and market analysis, strategy recommendations and plans for sustained growth that are both practical and effective. The lab offers projects which are truly win-win propositions, creating value for companies and providing a distinct, professional learning experience for students. For more information, students should visit the Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Global Field Seminars
This one- or two-week seminar exposes students to the intricacies and nuances of doing business in a focused region of the world. Teams of students go on company site visits and attend high-level meetings and presentations with business, government and cultural leaders as well as with Thunderbird alumni. Students gain invaluable hands-on experience while expanding their global business skills, enabling them to become major assets to any organization they join after graduating.

Career opportunities

Thunderbird prepares graduates to enter the complex and exciting global economy with specialized, hands-on training in international business, cross-cultural relations, global political economy and regional business environments. With

their global mindset, core professional skills, mastery of management principles and practices, and multicultural outlook, Thunderbird graduates are prepared for leadership roles in organizations with a global scope.

Career examples for graduates include positions as:

financial managers
general and operations managers
intelligence analysts
logistics managers
management analysts
marketing managers
market research analysts and marketing specialists
social and community services managers
supply chain managers
sustainability specialists

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-global-management
admissions.tbird@asu.edu
602-496-7100

Leadership and Management (Global Creative Industries), MLM (TBLDMGCMLM)

College/School: Thunderbird School of Global Management

Campus: ASU at Los Angeles

ASU is not currently accepting applications for this program.

Program description

The Master of Leadership in Management with a concentration in global creative industries program delivers leadership and management fundamentals for success across sectors in the global creative industries, as well as a digital global mindset and a holistic approach to the global creative industries.

In this program, students gain the hard and soft skills needed to navigate and thrive in today's interconnected world (e.g., finance, accounting, marketing, data analytics, negotiation, cross-cultural communication and emerging digital technologies) and gain a deeper understanding of the creative process. Students attain a comprehensive set of practices that foster generative and sustainable innovation and implementation geared towards opportunity recognition within tomorrow's increasingly cross-border and trans-industry marketplace. The program prioritizes industry immersion in every class and focuses on the nexus of art and commerce, emphasizing creativity for managers and management for creatives.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this degree, graduates will join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education

benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (TAM 541)

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3)
TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (9 credit hours)
HDA 521 Counting Arts and Culture: Reasoning with Empirical Evidence (3)
HDA 598 Topic: Creativity and Design Thinking (3)
TGM 503 Global Marketing (3)
TGM 549 Global Leadership (3)
TGM 567 Career Development for the Global Creative Industries (3)
TGM 568 Metaverse and the Global Enterprise (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
TAM 541 Strategy in a Competitive World (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in leadership and management or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• one letter of recommendation
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

An applicant interview is also required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are well qualified for global leadership and management careers in film, television and new media; music; augmented reality, virtual reality and extended reality; gaming; design; the arts; location-based entertainment; e-sports; advertising; branding; and Metaverse tech such as gaming, blockchain, crypto and NFTs.

Career opportunities include professional titles such as:

brand manager
business development executive
creative industries entrepreneur
executive producer
general manager
graphic design manager
marketing manager
media relations manager
product development executive
production manager
program manager
talent acquisition manager
UX designer

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-leadership-and-management
admissions.tbird@asu.edu
602-496-7100

Leadership and Management, MLM (TBLDMGMLM)

College/School: Thunderbird School of Global Management

Campus: Online

Program description

The Master of Leadership and Management program is designed to deliver mastery in leadership and management principles and practices in just 12 months. It prepares leaders to take on additional managerial responsibilities in global organizations or to make a career change across industries or sectors.

Created to empower graduates with well-rounded, future-ready skill sets, this transformational master's degree provides a strategically choreographed progression through every facet of international management. Courses span the gamut of Thunderbird School of Global Management's online offerings, from accounting and data-driven decision-making to global finance and marketing. Students also receive hands-on, experiential learning opportunities in practical situations through elective courses that enable them to apply their full range of professional skills acquired during their studies, preparing them to lead in all sectors: government, private enterprise, nongovernmental organizations and nonprofits.

Specializations
Thunderbird's MLM degree program offers optional specializations. Students can focus their coursework in artificial intelligence, analytics and financial technology innovation delivered in English, and global business delivered in

Mandarin.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technological Entrepreneurship and Management, BS

International Trade, BS

Global Management, BGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (TAM 541), or
30 credit hours including the required capstone course (TAM 541) - Spanish Pathway

Required Core (3 credit hours)
TAM 582 Communicating and Negotiating in a Dynamic Global World (3) or
TGM 506 Communicating and Negotiating Across Cultures (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
TAM 541 Strategy in a Competitive World (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Two years of work experience is preferred but not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/leadership-management-masters/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply strategies for adaptive leadership to drive change in diverse organizations.
Apply global strategy frameworks to assess international market environments.
Apply data analytics to inform strategic decisions in global organizations.

Global opportunities

Global experience: Students in the MLM program have the opportunity to apply their learning in an international setting. Some options include:

Global Field Seminars --- During this course, students experience an intensive one-week immersion in-country. Students enjoy a hands-on learning experience in a focused region of the world, comprising company site visits and high-level meetings and presentations with business, government and cultural leaders as well as Thunderbird alumni. Through these interactions, students learn the challenges and opportunities that make doing business in the region distinct.

Thunderbird Global Challenge Laboratories --- This client-facing, project-based course involves a one-week immersion in-country. Projects are tailored to the business needs of the client and provide sophisticated data and market analysis; strategy recommendations; and practical, effective plans for sustained growth. For more information, students should visit the Global Challenge Lab website (https://thunderbird.asu.edu/degree/students/graduates/global-challenge-lab).

Career opportunities

More than ever, today's global organizations need versatile leaders and managers with creative problem-solving skills who can elevate diverse teams across cultures in multiple markets around the world. The MLM program prepares graduates to lead in all sectors: government, private enterprise, NGOs and nonprofits.

Career examples include:

compensation and benefits manager
financial analyst
human resources manager

logistics analyst
logistics manager
management analyst
marketing manager
sales manager
supply chain manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/graduate/master-leadership-and-management
onlinegradadvising@thunderbird.asu.edu
602-496-7100

Graduate College

Advanced Studies, MAS (GCADVSTMAS)

College/School: Graduate College

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley, Online

Program description

The MAS in advanced studies provides students with the opportunity to focus their studies on two advanced knowledge areas by enrolling in official ASU graduate certificates and completing a culminating experience to earn a master's degree. This individualized learning provides students with an opportunity to complete their master's degree incrementally and provides flexibility to students who need to complete their program in stages to advance their skills for the workplace. Students have the opportunity to obtain specific knowledge and advanced skills from multiple knowledge areas, based on their chosen certificates.

Key benefits

Flexible learning pathway: Completing a master's degree in manageable steps allows students to earn valuable academic credentials along the way.

Customizable curriculum: Students select two graduate certificates from a pre-established list to tailor a master's program that aligns with their professional aspirations.

Enhanced career readiness: Students gain specialized knowledge and skills in multiple disciplines, making them more versatile candidates in the job market.

Personalized education: Creating a degree program that reflects their individual interests and career goals ensures students' education is both relevant and engaging.

Academic excellence: Students benefit from ASU's renowned faculty and resources, receiving a high-quality education that prepares them for advanced professional opportunities.

Students select a main and a stackable ASU graduate certificate for their program from a pre-approved list based on their individual needs. The academic college offering the main certificate provides academic advising, oversees the culminating event, and awards the master's degree.

Current available main graduate certificates for this program include:

• behavioral data science (https://degrees.apps.asu.edu/masters-phd/major/ASU00/ASBHDSGRCT/behavioral-data-science-graduate-certificate)
• biological data science (https://degrees.apps.asu.edu/masters-phd/major/ASU00/ASBDSGRCT/biological-data-science-graduate-certificate)
• biomimicry (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LABMYGRCT/biomimicry-graduate-certificate)
• clinical research management (https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUHCRGRCC/clinical-research-management-graduate-certificate)
• community-engaged practices in design and the arts (https://degrees.apps.asu.edu/masters-phd/major/ASU00/HISEPGRCT/community-engaged-practices-in-design-and-the-arts-graduate-certificate)
• computational life sciences (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LACMLSGRCT/computational-life-sciences-graduate-certificate)
• critical theory (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LACRTGRCT/critical-theory-graduate-certificate)
• dance teaching artist praxis (https://degrees.apps.asu.edu/masters-phd/major/ASU00/HIDTAPGRCT/dance-teaching-

artist-praxis-graduate-certificate)
• digital audiences (https://degrees.apps.asu.edu/masters-phd/major/ASU00/CSDASGRCT/digital-audiences-graduate-certificate)
• food policy and sustainability leadership (https://degrees.apps.asu.edu/masters-phd/major/ASU00/SUFPSLGRCT/food-policy-and-sustainability-leadership-graduate-certificate)
• food safety and protection (https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUFDSPGRCT/food-safety-and-protection-graduate-certificate)
• global security and competitive statecraft (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LAGSCSGRCT/global-security-and-competitive-statecraft-graduate-certificate)
• health care innovation (https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUHCINGRCT/health-care-innovation-graduate-certificate)
• human factors in forensic science (https://degrees.apps.asu.edu/masters-phd/major/ASU00/ASHFFSGRCT/human-factors-in-forensic-science-graduate-certificate)
• interprofessional healthy aging (https://degrees.apps.asu.edu/masters-phd/major/ASU00/NUGNCERT/interprofessional-healthy-aging-graduate-certificate)
• lean six sigma black belt (https://degrees.apps.asu.edu/masters-phd/major/ASU00/ESLSSBGRCT/lean-six-sigma-black-belt-graduate-certificate)
• nonprofit leadership and management (https://degrees.apps.asu.edu/masters-phd/major/ASU00/PPNONPROCE/nonprofit-leadership-and-management-graduate-certificate)
• organizational leadership (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LSORGLGRCT/organizational-leadership-graduate-certificate)
• project management (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LSPMGGRCT/project-management-graduate-certificate)
• real estate (https://degrees.apps.asu.edu/masters-phd/major/ASU00/BAREAGRCT/real-estate-graduate-certificate)
• responsible innovation in science, engineering and society (https://degrees.apps.asu.edu/masters-phd/major/ASU00/GCRSESGRCT/responsible-innovation-in-science-engineering-and-society-graduate-certificate)
• scientific teaching in higher education (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LASTHEGRCT/scientific-teaching-in-higher-education-certificate-graduate-certificate)
• semiconductor processing (https://degrees.apps.asu.edu/masters-phd/major/ASU00/ESSCPRGRCT/semiconductor-processing-graduate-certificate)
• social entrepreneurship and community development (https://degrees.apps.asu.edu/masters-phd/major/ASU00/PPSECDGRCT/social-entrepreneurship-and-community-development-graduate-certificate)
• social justice and human rights (https://degrees.apps.asu.edu/masters-phd/major/ASU00/ASJHRGRCT/social-justice-and-human-rights-graduate-certificate)
• social science research methods (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LASSRMGRCT/social-science-research-methods-graduate-certificate)
• Spanish language pedagogy (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LASPAPGRCT/spanish-language-pedagogy-graduate-certificate)
• statistics and data science (https://degrees.apps.asu.edu/masters-phd/major/ASU00/GCSTATCE/statistics-and-data-science-graduate-certificate)
• technical communication (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LSTECGRCT/technical-communication-graduate-certificate)
• transdisciplinary transportation studies (https://degrees.apps.asu.edu/masters-phd/major/ASU00/GCTRANSCE/transdisciplinary-transportation-studies-graduate-certificate)
• translation studies (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LALTSGRCT/translation-studies-graduate-certificate)

Students select a stackable graduate certificate from the existing graduate certificates (consisting of 15 or more credit hours) found in the program search tool (https://degrees.apps.asu.edu/masters-phd/major-list/keyword/certificate). See each certificate for specific requirements and locations.

STEM-OPT extension eligible: No

Degree requirements

Main Certificate Coursework
Stackable Certificate Coursework
Culminating Experience

Additional curriculum information
The minimum total credit hours for the program is 30. Students must complete all coursework required for both certificates.

Students are required to select a main and stackable graduate certificate to be a candidate for the MAS program.

Students are required to complete a master's portfolio if the graduate certificates do not have a culminating experience.

If both certificates have a culminating experience, then the main certificate culminating experience is used for the master's program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

The MAS does not have an application through the standard graduate application process. Interested students must submit a standard graduate application for each of the graduate certificates.

Graduate certificates are eligible if they consist of 15 or more unique credit hours and were completed within three years from the time of admission to the MAS.

Students who are interested in the MAS program or have specific questions should contact advisement in the academic unit that administers the main certificate.

Graduate certificates typically do not allow for financial aid. There are a select few graduate certificates that have been approved by the federal government to allow aid. Questions regarding financial aid for specific certificates can be directed to the Financial Aid Office (https://tuition.asu.edu/financial-aid).

International student questions can be directed to the International Students and Scholars Center (https://issc.asu.edu/).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Career opportunities

The Master of Advanced Study program is a flexible, tailored degree customized to the differing interests and needs of students and working professionals. Participating in the stackable graduate certificate MAS program can provide students the opportunity to advance their employment and opportunities through targeted credentials.

Contact information

Graduate College
https://graduate.asu.edu/stackable-credentials

Health Solutions, College of

Audiology, AuD (LAAUDAUDD)

College/School: College of Health Solutions

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The three-year course of study for the Doctor of Audiology degree consists of basic science coursework, professional knowledge coursework and clinical practicum experiences. Full-time commitment is critical because graduate courses are offered once per academic year. In addition, course content and the sequence of courses are closely tied to clinical practicum assignments. Moreover, full-time enrollment ensures timely completion of the program.

Students have the option of graduating after the completion of the three-year program of study or enrolling in a clinical externship during their fourth year for up to an additional three credit hours of clinical training. A minimum of 850 hours of clinical training is required for graduation and is obtained during the first three years of training. Additional practicum hours toward the 1,820 hours required for the Certificate of Clinical Competence in Audiology, also known as CCC-A, by the American Speech-Language-Hearing Association can be met during completion of the fourth year externship under the supervision of an ASHA-certified audiologist. The remaining clinical clock hours for ASHA certification can also be met after graduation. However, students should be aware of state licensure requirements when making the determination of whether or not to complete an externship. Initial licensure in some states may require the completion of the externship.

STEM-OPT extension eligible: No

Degree requirements

88 credit hours, a written and oral comprehensive exam

Required Core (58 credit hours)
SHS 502 Basic Audiometry (4)
SHS 504 Amplification I (4)
SHS 505 Sign Language for Audiologists and Speech Pathologists (2)
SHS 508 Pediatric Audiology (3)
SHS 510 Amplification II (3)
SHS 511 Auditory Perception by the Hearing Impaired (3)
SHS 513 Auditory Neuroscience (3)
SHS 516 Auditory Evoked Potentials (4)
SHS 517 Balance Assessment (4)
SHS 518 Rehabilitative Audiology (3)
SHS 520 Auditory Pathologies/Disorders and Otoneurologic Applications (4)
SHS 522 Tinnitus/Advanced Audiometry (3)
SHS 523 Central Auditory Processing Disorders (4)
SHS 524 Counseling in Communication Disorders (2)
SHS 525 Audiology Practice Management (3)
SHS 526 Launch to Clinical Methods in Audiology (1)
SHS 552 Physiological Measures of Auditory Function (4)
SHS 555 Cochlear Implants (4)

Other Requirements (27-30 credit hours)
SHS 500 Research Methods (3)

SHS 580 Clinical Practicum (8)
SHS 584 Clinical Internship (12)
SHS 589 Audiology Grand Rounds (4)
SHS 590 Reading and Conference (Audiology Clerkship) (0-3)
American Speech-Language-Hearing Association Praxis national certification examination in audiology (0)

Electives and Research (3 credit hours)

Culminating Experience
written and oral comprehensive exam

Additional Curriculum Information
Students have the option to continue enrollment in SHS 590 at one credit hour per semester for up to three semesters for the additional training experience and to complete the externship requirements of the ASHA certification if desired. These extra hours of clinical experience allow students to apply for ASHA certification upon graduation or for state licensure for certain states. Students should maintain continuous enrollment and not apply for graduation until they have completed the additional clinical hours for the certification.

Because certification and licensure requirements vary by profession and from state to state, the College of Health Solutions recommends that students visit the ASU licensure website (https://admission.asu.edu/academics/licensure) to determine if their program meets the requirements of individual state licensures or national certifications, as applicable. The decision to complete an externship or not is an individual decision based on career objectives and desired state of licensure among other factors.

In addition to the Graduate College requirements, eligibility for graduation is based on the following:

Formative Exam (Year 1)
Students must pass a formative exam given at the end of the first academic year of the program. This is a 100-question multiple-choice test covering the content of the courses taken during the fall and spring semesters. Students who receive scores of less than 70% are given one opportunity to retake the exam.

Summative Exam (Year 3)
Students must pass a summative exam in the fall of the third academic year of the program. This is a comprehensive written and oral exam pertaining to clinical case diagnosis and management. One retake is allowed if the student does not pass on the initial attempt.

National Certification Exam (Praxis)
All students pursuing the Doctor of Audiology degree must pass the praxis examination in audiology as a graduation requirement. There are no credit hours tied to it. For the graduation approval to be processed, the praxis exam result must be sent directly from the Education Testing Service to the ASU audiology program office.

Clinical Clock Hours
Students must successfully complete 850 hours of supervised clinical clock hours as accrued between on-campus clinic, off-campus internship sites and possible simulation opportunities.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in speech and hearing science or another related discipline from a regionally accredited institution. Applicants with degrees in related fields, such as nursing, education and any of the biological sciences may apply; although, they may be admitted as leveling students and must complete at least one year of prerequisite courses in speech and hearing science at the undergraduate level.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Upon receipt of the application, a timed writing statement is administered as part of the first stage of the admission process. Applicants meeting the first-stage admission criteria are notified and invited to provide additional information to complete the second stage of the admission process. All other applicants are denied admission.

Invited applicants who wish to continue the application process must provide a seven- to 10-minute video introducing themselves and answering several questions from the admission committee. The same questions are given to all applicants, along with instructions about format and submission. Applicants who do not submit a video and writing sample are denied admission. The committee may ask to schedule an interview to ascertain additional information from applicants after reviewing the recorded video and will make final decisions regarding admission. Space is available for a total of 15 students. Invitations are sent by the beginning of February, with a deadline for video submission in mid-February.

The personal statement should not exceed 300 words and should describe the reasons for pursuing graduate study in audiology; successful applicants submit statements that are free of grammatical errors and demonstrate proficiency in written communication.

Letters of recommendation should outline the applicant's potential success for graduate-level coursework. Letters from faculty members are most useful. A standard form is not used; letters should be submitted on letterhead from the recommender's institution.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students graduating from the AuD program will be able to understand and apply the foundations of clinical practice that provide the building blocks for professional, evidence-based practice of audiology.
- Students graduating from the AuD program will be able to analyze and evaluate clinical information by graduation.
- Students graduating from the AuD program will meet eligibility criteria for certification or licensure in audiology.

Career opportunities

A career as an audiologist offers fulfilling work with an exceptional work-life balance. Graduates who complete the Doctor of Audiology degree find rewarding careers in hospitals, physician's offices, audiology clinics, school districts and industry. Careers associated with a doctoral degree in audiology and areas of specialization include:

- audiologist
- cochlear implant audiologist
- cochlear implant manufacturer representative
- educational audiologist
- hearing aid manufacturer representative
- intraoperative monitoring
- manufacturer representative
- pediatric audiologist
- research audiologist
- vestibular audiologist

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/LAAUDAUDD/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Auditory and Language Neuroscience, MS (NHALNEUMS)

College/School: College of Health Solutions

Campus: Tempe

Program description

The Master of Science program in auditory and language neuroscience trains scholars in basic and applied research to prepare them for doctoral-level graduate studies and for positions in science, health care and industry.

In addition to innovative coursework in neuroscience, this program includes hands-on training in instrumentation, such as neuroimaging, neurophysiology and clinical research applications. Students develop a strong foundation that enables them to conduct impactful neuroscience research related to auditory and language processing and human communication.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Speech and Hearing Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

31 credit hours including a thesis, or
31 credit hours including the required applied project course (SHS 593)

Required Core (6 credit hours)
EXW 501 Research Statistics (3), PSY 530 Intermed Statistics (4) or STP 530 Applied Regression Analysis (3)
SHS 542 Applied Research Methods in Auditory and Language Neuroscience (3)

Restricted Electives (12 credit hours)

Research (6 credit hours)
SHS 592 Research (6)

Other Requirement (1 credit hour)
SHS 590 Topic: Research Integrity and Conduct in ALN (1)

Culminating Experience (6 credit hours)
SHS 593 Applied Project (6) or
SHS 599 Thesis (6)

Additional Curriculum Information
Students should contact the academic unit for a list of approved elective courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three references (academic or professional)
• letter of intent
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

In the letter of intent, applicants should indicate potential research mentors with whom they are interested in working, previous experiences that have prepared them for success in the program, and career plans.

Contact information for three references is required. References are contacted via email to respond to a series of questions about the applicant and may submit an optional letter of recommendation. References should be instructors, research mentors or clinical supervisors who can speak to the applicant's aptitude for research and master's-level coursework.

Applicants are encouraged to submit a writing sample, such as an honors thesis, conference abstract, article or chapter.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the ability to critically analyze and synthesize knowledge from the neuroscience research literature related to language and hearing
- Demonstrate competence in experimental design, data collection, data analysis and interpretation of neuroscience research related to language and hearing
- Demonstrate the ability to identify and describe principles and concepts related to the responsible conduct of research

Career opportunities

The experience that graduates have acquired through clinical and medical applications and the skills they have gained in lab rotations give them increased marketability and enable them to be competitive for jobs in technology or for further doctoral-level training.

Employment opportunities for graduates include working in team settings in clinical research centers and hospitals; with manufacturers of hearing aids, cochlear implants and EEG systems or augmentative and alternative communication applications; and with software development companies working with speech recognition programs and brain--computer interfaces.

Career examples include:

- data analyst
- educator
- laboratory technician or manager
- product developer
- public relations specialist or spokesperson for a research institute or device manufacturer
- research scientist
- speech analyst for a tech company

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHALNEUMS/graduate/false/91415

CHSGrad@asu.edu
602-496-3300

Behavioral Health (Clinical), DBH (NHBVHCDBH)

College/School: College of Health Solutions

Campus: Online

Program description

The Doctor of Behavioral Health with a clinical concentration is a global, interdisciplinary degree program open to domestic and international students. This program offers an innovative curriculum, a direct patient care internship experience in an integrated primary care setting, and an applied research project.

The clinical concentration is tailored for individuals who have completed clinical training and have supervised clinical experience. Students in this concentration practice within the scope of their state-issued clinical license.

The curriculum addresses:

• barriers to patient access
• the problem of poor health outcomes
• rising health care costs

The student learning experience offers innovative courses led by experienced faculty, collaborative interactions with peers, and written assignments that reflect the style of clinical and business proposals. The internship program is hands-on, taking place in a local integrated care clinic (such as an integrated primary care clinic).

The culminating project focuses on clinical quality improvements in an integrated care setting. Students provide integrated care services and use their project to demonstrate the impact of addressing comorbid conditions. The culminating project addresses components such as a primary care clinic's clinical, operational and financial challenges by applying the quality improvement model taught in the program to solve key problems.

Graduates of the clinical concentration are positioned to achieve the Quintuple Aim in health care:

• cost savings
• health equity
• improved health care team experience
• improved patient experience of care
• population health management

This program of study does not provide a pathway to licensure.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (IBC 793)

Required Core (15 credit hours)
HCD 501 Population Health Data Management and Analysis (3)
IBC 586 Behavioral Health Professional Writing Style (3)
IBC 611 Population-Based Behavioral Health Management (3)
IBC 614 Quality and Performance Measurement, Improvement and Incentives in Health Care (3)
IBC 720 Behavioral Health Entrepreneurship (3)

Concentration (12 credit hours)
IBC 601 Models of Integrated Primary Care (3)
IBC 603 Brief Interventions in Primary Care (3)
IBC 604 Clinical Medicine/Pathophysiology (3)
IBC 608 Psychopharmacology for the Behavioral Care Provider (3)

Electives or Research (21 credit hours)

Other Requirement (6 credit hours)
IBC 684 Internship (6)

Culminating Experience (6 credit hours)
IBC 793 Applied Project (6)

Additional Curriculum Information
Students who enter the doctoral program with a master's degree in a related discipline may count up to 15 credit hours from the master's degree toward the total credit hours, with program approval. Students in the clinical concentration are required to hold a license to practice in a clinical field in order to complete an internship experience.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• acknowledgment of program policies
• copy of the applicant's license or license eligibility
• one reference (professional)
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants who have a master's degree in counseling, family therapy, nursing, PA/NP, occupational health or social work, among others, are encouraged to apply. Students in the clinical concentration are required to be licensed or license-eligible to practice in a clinical field. The most competitive candidates are master's degree-level professionals who are either currently employed or have direct patient care experience in a clinical capacity in an integrated health care organization.

"Licensed" and "license-eligible" are terms defining a license to practice that is issued by a state licensing board (e.g.,

Arizona Board of Behavioral Health Examiners, Arizona Board of Occupational Therapy Examiners). Examples include license-eligible master's degree-level behavioral clinician, licensed master's degree-level behavioral clinician, and master's degree-level licensed medical or ancillary health care provider (physician assistant, nurse, nurse practitioner, dietitian, occupational therapist). The DBH program does not offer any pathway toward licensure.

The personal statement should indicate the applicant's interest in the program, their career goals and how the degree program aligns with those goals, how the applicant believes medical and behavioral providers can work collaboratively in an integrated health care system, and how the applicant plans to navigate the academic rigor required in a doctoral-level program.

Contact information of at least one reference is required. The reference is contacted via email to respond to a series of questions about the applicant. Examples of appropriate references include:

• a supervisor who can assess the applicant's clinical or professional performance
• a faculty member from the applicant's master's degree program who is well-acquainted with the applicant's professional practice or academic achievement
• other professional (not relative), such as a licensed behavioral health clinician, medical provider or other health care provider

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-clinical/) for program descriptions and to request more information.

Career opportunities

Graduates of the clinical concentration program have the skills to move into clinical leadership and management positions across health care settings. They are well prepared to develop and manage programs related to integrated behavioral health care.

Potential job titles include:

- behavioral health provider, consultant or specialist in primary care and other medical settings
- CEO of integrated care
- clinical team manager
- director of clinical services or operations
- health and wellness manager
- integrated care clinical provider
- integrated care manager or consultant
- integrated health care manager or specialist
- wellness program administrator

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHBVHCDBH/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Behavioral Health (Management), DBH (NHBVHMDBH)

College/School: College of Health Solutions

Campus: Online

Program description

The Doctor of Behavioral Health program with a concentration in management is a global, interdisciplinary degree program open to domestic and international students. This program offers an innovative curriculum, hands-on internship placements in integrated health care settings, and an applied research project.

Integrated health care is a team-based, coordinated approach that addresses medical, behavioral and lifestyle issues with the goal of promoting positive behavioral changes. The management concentration enables students to adapt innovative management practices to the specific geography and culture of their local health systems.

The curriculum focuses on:

• accountable care organization models
• business entrepreneurship
• health technologies such as electronic health records, mobile health applications and wearable health monitoring devices
• integrated behavioral health program design
• integrated health management in primary care, especially in the patient-centered medical home
• quality and performance measurement

Graduates of the management concentration are positioned to achieve the Quintuple Aim in health care:

• cost savings
• health equity
• improved health care team experience
• improved patient experience of care
• population health management

Students learn to apply entrepreneurial concepts and skills to promote integrated health programs with key stakeholders, such as medical directors and chief executive officers.

This program of study does not provide a pathway to licensure.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (IBC 793)

Required Core (15 credit hours)
HCD 501 Population Health Data Management and Analysis (3)
IBC 586 Behavioral Health Professional Writing Style (3)
IBC 611 Population-Based Health Management (3)
IBC 614 Quality and Performance Measurement, Improvement and Incentives in Health Care (3)
IBC 720 Behavioral Health Entrepreneurship (3)

Concentration (15 credit hours)
HCD 602 Health Informatics for Health Care Professionals (3)
IBC 601 Models of Integrated Primary Care (3)
IBC 626 Behavioral Health Management (3)
IBC 630 Financial Management of Health Care (3)
IBC 660 Healthcare Legal, Ethical and Professional Issues (3)

Electives or Research (21 credit hours)

Other Requirement (3 credit hours)
IBC 684 Internship (3)

Culminating Experience (6 credit hours)
IBC 793 Applied Project (6)

Additional Curriculum Information
Students who enter the doctoral program with a master's degree in a related discipline may count up to 15 credits from that degree toward the total credit hours, with program approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• acknowledgment of program policies
• one reference (professional)
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants with a master's degree in business administration, public health, nursing, counseling, behavioral health, health care administration or social work, among others, are encouraged to apply. Applicants must be master's degree-level professionals interested in a future health care management position.

The personal statement should indicate the applicant's interest in the program, their career goals, how the degree program aligns with those goals, how the applicant believes medical and behavioral providers can work collaboratively in an integrated health care system, and how the applicant plans to navigate the academic rigor required in a doctoral-level program.

Contact information for at least one reference is required. The reference is contacted via email to respond to a series of questions about the applicant. Examples of appropriate references include:

• a faculty member from the applicant's master's degree program who is well acquainted with the applicant's professional practice or academic achievement

• a supervisor who can assess the applicant's clinical or professional performance
• another professional (not a relative), such as a licensed behavioral health clinician, medical or other health care provider

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-management/) for program descriptions and to request more information.

Career opportunities

Graduates of the management concentration have the organizational understanding and management skills required to move into leadership and management positions across health care settings. They are well prepared to develop and manage programs related to integrated behavioral health care. Graduates often choose careers in integrated care practice management; leadership positions in integrated care delivery systems, health plans and managed care organizations; and positions as integrated care industry consultants.

Potential job titles include:

- behavioral health staff coordinator
- CEO or director of an integrated care practice or organization
- director of physician relations
- health and wellness director
- integrated care manager
- member services director
- operational care manager or team leader
- practice manager and facilitator
- quality improvement manager
- site administrator
- wellness program administrator

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHBVHMDBH/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Biomedical Diagnostics, MS (NHBMDMS)

College/School: College of Health Solutions

Campus: Online

Program description

Students studying biomedical diagnostics gain insights into a growing industry that is at the center of health care innovation and personalized medicine. Students enrolled full time can complete the Master of Science program in biomedical diagnostics in one year.

The biomedical diagnostics program has been designed by expert faculty with significant experience in the business,

legal and technical aspects of diagnostics.

Students in this program progress through the four foundational areas:

• application of diagnostics
• business of diagnostics
• science of diagnostics
• technology of diagnostics

Students complete a culminating experience in which they work with fellow students on a team-based project with diagnostics leaders in the industry on a topic driven by practical needs in the field.

STEM-OPT extension eligible: No

Degree requirements

31 credit hours including the required applied project course (BMD 593)

Required Core (19 credit hours)
BMD 502 Foundations of Biomedical Informatics Methods I (3)
BMD 510 Current Perspectives in Biomedical Diagnostics (3)
BMD 513 Principles of Diagnostic Technology: Immunoassays (4)
BMD 514 Principles of Diagnostic Technology: Molecular Diagnostics (3)
BMD 667 Regulation of Medical Diagnostics (3)
HCD 511 Health Economics and Policy (3)

Electives (6 credit hours)

Research (3 credit hours)
BMD 592 Research (3)

Culminating Experience (3 credit hours)
BMD 593 Applied Project (3)

Additional Curricular Information
Students should see the academic unit for a list of approved elective courses. BMD 592 and BMD 593 are contiguous courses and cannot be taken in different academic years.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree from a regionally accredited college or university in one of the following fields or a related field: biomedical informatics, biology, life sciences, chemistry, biochemistry, engineering, biomedical engineering, business, computer science, supply chain management, health sciences or medical studies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• two references (academic or professional)
• resume or curriculum vitae
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The one- to two-page statement of purpose should include the applicant's interest in the program, what they expect to learn from the program, their professional goals, and a short description of their background in the sciences.

Contact information for two references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomedical-diagnostics/) for program descriptions and to request more information.

Career opportunities

Professional opportunities are quite broad and depend on the graduate's educational and work backgrounds and personal interests. They can pursue diverse options such as executive leadership, competitive intelligence, research and development, laboratory management or entrance to professional school. The following career examples are just a small portion of the possibilities:

Analysts

- clinical research
- competitive intelligence
- laboratory research
- quality assurance

Department and organizational leadership

- diagnostics
- laboratory
- regulatory compliance
- research and development

Managers

- accounts
- clinical research
- marketing and sales
- medical and health services
- product
- quality control
- program and project management

Laboratorians and technologists

- clinical lab
- research lab

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHBMDMS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Biomedical Informatics and Data Science, MS (ESBIOINFMS)

College/School: College of Health Solutions

Campus: Tempe

Program description

The Master of Science program in biomedical informatics and data science offers students the opportunity to become professionals who use biomedical data, information and knowledge to improve human health.

Students in this program learn problem-solving, theory and the methodologies underlying the field of biomedical informatics, taking courses in areas such as knowledge representation, clinical environments, imaging, bioinformatics and data science. Core courses provide a background in clinical informatics, while electives allow specialization in areas such as data science or mobile health.

Biomedical informatics fosters collaborations among academic researchers, clinical practitioners and regional health care providers to apply new developments in informatics theory to clinical practice. Students gain the informatics knowledge and skills that enable them to:

• detect disease early
• improve the patient hospital experience
• improve the precision of diagnosis
• improve the quality of patient health care and reduce its cost
• minimize hospital visits

Biomedical informatics has a key role to play in the transition to more effective and efficient health care through the use of knowledge and information technology.

Students should note that some courses and faculty offices are located at the Health Futures Center (https://gis.m.asu.edu/asucampus/?marker=-111.95140300401944%2C33.65711400174794%2C%2C%2C%2C&markertemplate=%7B%22title%22%3A%22HEA111.95140300401944%2C%22latitude%22%3A33.65711400174794%2C%22isIncludeShareUrl%22%3Atrue%7D&level=10) in North Phoenix.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biomedical Informatics and Data Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

32 credit hours including the required applied project course (BMI 593)

Required Core (17 credit hours)
BMI 502 Foundations of Biomedical Informatics Methods I (3)
BMI 505 Foundations of Biomedical Informatics Methods II (3)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
BMI 540 Problem Solving in Biomedical Informatics (3)
BMI 570 BMI Symposium (2)
BMI 601 Fundamentals of Health Informatics (3)

Other Requirements (3 credit hours)
BMI 404 Clinical Environments (3) or
BMI 504 Introduction to Clinical Environments (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
BMI 593 Applied Project (3)

Additional Curriculum Information
BMI 570 is a one credit hour course. Students take BMI 570 twice for a total of two credit hours.

Students should contact the academic unit for a list of approved elective courses. Electives must include at least six credit hours of BMI coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology, computer science, engineering, nursing or statistics from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• statement of purpose
• resume or curriculum vitae
• three references (academic or professional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants who have earned degrees in other unrelated fields with appropriate academic backgrounds or postbaccalaureate training also will be considered.

All applicants must have basic competencies in general biology (BIO 181 or equivalent), statistics (HCD 300 or STP 226 or equivalent) and computer programming (BMI 110 or CSE 110 or equivalent).

A one- to two-page statement of purpose is required. Students must explain why they are interested in the program, outline their background, describe expected outcomes from the program, identify potential faculty advisors and areas of research, and elaborate on how the degree will support their goals. To accommodate applicants' diverse backgrounds, the statement must include at least one paragraph that describes the applicant's educational and professional background in the following three areas: computer science; statistics and mathematics; and biological sciences and health sciences.

Contact information for three references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Synthesize the history and values of biomedical informatics and its relationship to other fields while demonstrating an ability to read, interpret and critique the core literature and be prepared to be successful in the biomedical informatics workforce.
- Apply and evaluate approaches in the context of biomedical problems, including imaging and signal analysis; information documentation, storage and retrieval; machine learning and data mining; networking, security and databases; natural language processing and semantic technologies; representation of logical and probabilistic knowledge and reasoning; simulation and modeling; and software engineering.
- Apply knowledge in design, evaluation, behavioral and organizational sciences, ethical and legal issues, and economic and social context of biomedical research, pharmaceutical and biotechnology industries, medical instrumentation, health care and public health.

Career opportunities

Professionals with advanced training in biomedical informatics and data science are in high demand across a variety of sectors and industries, including academic institutions, not-for-profit research institutes, government and public health agencies, and health care organizations, as well as information technology, biotech and pharmaceutical industries. Graduates can also pursue admission to medical school.

Career examples include:

- account manager
- analyst

- data scientist
- product manager
- research scientist

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/ESBIOINFMS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Biomedical Informatics and Data Science, PHD (ESBMIPHD)

College/School: College of Health Solutions

Campus: Tempe

This program's name has changed effective Fall 2025. The previous name was Biomedical Informatics.

The curriculum is being reviewed for program changes and will be updated upon approval.

Program description

The Doctor of Philosophy program in biomedical informatics and data science enables students to develop expertise in areas such as bioinformatics, clinical informatics, population health management, and biomedical imaging science.

This program fosters collaboration among academic researchers, health care providers and industry partners and allows students to apply new developments in informatics theory to clinical practice, biomedical research and public health. Students may also explore cross-cutting areas such as artificial intelligence and digital health.

Students learn at the leading edge of the field through specialized coursework in an area of focus and independent research. The program fosters strong collaborative relationships with a variety of health care organizations, the bioscience industry and governmental agencies, providing an unparalleled opportunity for doctoral students to explore and contribute to advances in informatics.

Students should note that some courses and faculty offices are located at the Health Futures Center (https://gis.m.asu.edu/asucampus/?marker=-111.95140300401944%2C33.65711400174794%2C%2C%2C%2C&markertemplate=%7B%22title%22%3A%22HEA111.95140300401944%2C%22latitude%22%3A33.65711400174794%2C%22isIncludeShareUrl%22%3Atrue%7D&level=10) in North Phoenix.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (22 credit hours)
BMI 502 Foundations of Biomedical Informatics Methods I (3)
BMI 504 Introduction to Clinical Environments (3)

BMI 505 Foundations of Biomedical Informatics Methods II (3)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
BMI 540 Problem Solving in Biomedical Informatics (3)
BMI 560 Teaching in Biomedical Informatics (2)
BMI 570 BMI Symposium (2)
BMI 601 Fundamentals of Health Informatics (3)

Electives (32 credit hours)

Research (18 credit hours)
BMI 792 Research (18)

Culminating Experience (12 credit hours)
BMI 799 Dissertation (12)

Additional Curriculum Information
Students entering the doctoral program with a master's degree in a related discipline may count up to 30 credit hours from the master's degree toward the total credit hours, with program approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• educational background essay
• resume or curriculum vitae
• three references (academic or professional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Prior bachelor's or master's degrees in biology, computer science, engineering or statistics, or postbaccalaureate training as a health professional in medicine, nursing or pharmacy is preferred. Applicants who have earned degrees in other unrelated fields with appropriate academic backgrounds are also considered.

All applicants must have basic competencies in general biology (BIO 181 or equivalent), statistics (HCD 300 or STP 226 or equivalent) and computer programming (BMI 110 or CSE 110 or equivalent).

The statement of purpose should be one to two pages and indicate the applicant's interest in the program, knowledge of the field and career plans. Applicants are encouraged to connect with program faculty who could be potential research mentors and include this information in their statement if it is available at the time of application.

To accommodate students' diverse backgrounds, the applicant is asked to describe their educational and professional background in the following areas: computer science, decision sciences, artificial intelligence, statistics and mathematics, biological sciences and health sciences. This essay should be no longer than one page.

Contact information of three references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Generate designs to solve biomedical informatics problems.
- Apply theories, typology, frameworks, representations, methods, and processes used in different contexts of biomedical informatics
- Create new knowledge, including theories, typologies, frameworks, representations, methods, and processes, to address biomedical informatics problems

Career opportunities

Professionals with advanced training in biomedical informatics and data science are in high demand across a variety of sectors and industries, including academic institutions, not-for-profit research institutes, and governmental and public health agencies and health care organizations, as well as the information technology, biotech and pharmaceutical industries.

Career examples include:

- bioinformatics scientist
- biostatistician
- data scientist
- deep learning engineer
- public health informatics scientist
- research scientist
- senior analyst
- software engineer
- university faculty

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/ESBMIPHD/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Biostatistics, MS (NHBSTMS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

Program description

The Master of Science program in biostatistics provides training in applied biostatistical methodology and its applications to solve practical problems in health-related sciences. Students develop the expertise necessary to design, implement, evaluate and disseminate research and translate information into improved health outcomes for individuals, systems and populations.

Students learn fundamental biostatistics skills and gain the knowledge necessary for effective collaboration with health researchers, including how to design randomized, controlled clinical trials and intervention studies to guarantee data quality and make valid causal inferences.

An applied research focus and mentorship approach aids students as they work to solve a practical health-related research problem to complete their program.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Health Care Administration and Policy, BS

Statistics, BS

Applied Mathematics, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credits and an applied project course (BST 693)

Required Core (18 credit hours)
BST 601 Biostatistical Theory and Inference (3)
BST 602 Applied Multi-level and Longitudinal Data Analysis (3)
BST 604 Computational Biostatistics (3)
BST 605 Biostatistical Data Analysis (3)
BST 606 Applied Clinical Trial Design and Analysis (3)
BST 609 Categorical Data Analysis in the Health Sciences (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
BST 693 Applied Project (3)

Additional Curriculum Information
Elective coursework should be selected in consultation with the program advisor.

The applied project depends on the student's background and goals for after graduation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree in biomedical informatics, demography, mathematics, public or population health, social sciences, or statistics from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admission application and application fee
• official transcripts
• professional resume
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All applicants should have completed and passed an undergraduate statistics course (e.g., HCD 300, STP 226, ECN 221 or PSY 230), a linear algebra course (e.g., MAT 242, MAT 342 or MAT 343), and a calculus course (e.g. MAT 210, MAT 251 or MAT 270) before admission. If the requisite coursework is not completed before admission, it must be completed before matriculating.

The statement of purpose should be one to two pages and indicate the applicant's interest in the program, knowledge of the field, and career plans. Applicants are encouraged to connect with program faculty who could be potential research mentors, and include this information in their statement, if available at the time of application.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are employed in academic institutions, government agencies and health-related industries, and they are well positioned to support public health needs. Career opportunities include these positions:

- biostatistician
- data scientist
- professor
- senior data analyst
- statistician

These positions are all classified as "Bright Outlook occupations" by the Bureau of Labor Statistics; these are officially defined as occupations expected to grow rapidly in the next several years, with large numbers of job openings. They are new and emerging occupations with potentially high salaries.

Contact information

College of Health Solutions | HLTHN 401
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHBSTMS/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Biostatistics, PHD (NHBSTPHD)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Doctor of Philosophy program in biostatistics offers a comprehensive and specialized education in the novel development and application of biostatistical methods to the health and biomedical sciences. This innovative program equips students with advanced skills in designing research studies, analyzing data and implementing biostatistical solutions to address applicable health challenges. Collaborating closely with health researchers and professionals from various disciplines, students develop expertise in crafting impactful strategies for improving health outcomes and advancing medical research.

Emphasis is placed on designing and analyzing randomized controlled clinical trials, intervention studies and biostatistical models. Collaborations within ASU's College of Health Solutions foster a dynamic environment for cross-disciplinary learning and research. Students are encouraged to engage with a wide spectrum of health-related fields, including behavioral science, biomedical informatics, kinesiology, nutrition, population health and others.

By working closely with health researchers, students gain valuable hands-on experience in problem-solving, data analysis and collaborative research. This approach not only enhances their technical skills but also cultivates effective communication and teamwork abilities, which are vital for thriving in diverse health care environments.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credits, a qualifying exam, a written comprehensive exam, a prospectus and a dissertation

Required Core (18 credit hours)
BST 601 Biostatistical Theory and Inference (3)
BST 602 Applied Multi-level and Longitudinal Data Analysis (3)
BST 603 Survival Data Analysis (3)
BST 606 Applied Clinical Trial Design and Analysis (3)
BST 608 Applied Meta-analysis (3)
BST 609 Categorical Data Analysis in Health Sciences (3)

Electives (42 credit hours)

Research (12 credit hours)
BST 792 Research (12)

Culminating Experience (12 credit hours)
BST 799 Dissertation (12)

Additional Curriculum Information
Elective coursework should be selected in consultation with the program advisor. Students may also work with their program director to identify suitable elective alternatives.

This program requires a qualifying exam and a written comprehensive exam. A submission of a written dissertation prospectus and its oral defense are required. It is expected that the submission of a written dissertation prospectus and its oral defense take place no later than the end of the fourth year.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in applied statistics, applied mathematics, quantitative psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• two references (academic or professional)
• statement of purpose
• writing sample (six to ten pages)
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All applicants must have completed and passed an undergraduate statistics course (e.g., HCD 300, STP 226, ECN 221, or PSY 230), a linear algebra course (e.g., MAT 242, MAT 342 or MAT 343), and a calculus course (e.g., MAT 210, MAT 251 or MAT 270) prior to admission. If the requisite coursework is not completed prior to admission, then it must be completed prior to matriculating.

Contact information of two references is required. References are contacted via email to submit a letter of recommendation. Letters of recommendation preferably are written by instructors, research mentors or supervisors who can speak to the applicant's aptitude for research and graduate-level coursework.

The statement of purpose should be one to two pages that indicate the applicant's interest in the program, knowledge

of the field and career plans. Applicants are encouraged to connect with program faculty who could be potential research mentors and include this information in their statement, if available at the time of application.

Preference will be given to students with extensive quantitative background and computation skills with health-related experience.

An oral interview with the program faculty is required. Strong applicants are contacted to schedule an interview in person or via videoconference prior to acceptance.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with a doctorate in biostatistics can be employed in academic institutions, government agencies and industries as:

- biostatisticians
- data scientists
- professors
- senior data analysts
- statisticians

These positions are all classified as "Bright Outlook occupations" from the Bureau of Labor Statistics, which defines them as the occupations expected to grow rapidly in the next several years with large numbers of job openings. They are new and emerging occupations with potential high salaries.

Contact information

College of Health Solutions | HLTHN 401
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHBSTPHD/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Clinical Exercise Physiology, MS (NHCEPMS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

In the Master of Science program in clinical exercise physiology, students learn how to use primary and secondary prevention strategies to improve, maintain or abate declines in fitness and health in populations of various age groups.

Students learn to collaborate with medical professionals to guide exercise and rehabilitation programs for at-risk clients and those with chronic diseases. The program offers personalized mentorship and hands-on experience with expert faculty in research and clinical settings.

Students obtain the knowledge, clinical experience and skills needed to successfully complete the examination for the registered clinical exercise physiologist certification offered by the American College of Sports Medicine, https://www.acsm.org/ (https://www.acsm.org/).

This program is accredited through the Commission on Accreditation of Allied Health Education Programs endorsed by the American College of Sports Medicine, https://www.caahep.org/ (https://www.caahep.org/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Clinical Exercise Science, BS

Kinesiology, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

31 credit hours and a written comprehensive exam, or
31 credit hours, a thesis and a written comprehensive exam

Required Core (21 credit hours)
EXW 535 Advanced Exercise Assessment and Prescription (3)
EXW 542 Health Promotion (3)
EXW 560 Cardiopulmonary Rehabilitation (3)
EXW 565 Cardiovascular and Pulmonary Physiology (3)
EXW 568 Management and Treatment of Chronic Disease for the Clinical Exercise Physiologist (3)
KIN 547 ECG Interpretation (3)
NTR 502 Statistics in Research (3)

Seminar (1 credit hour)
EXW 591 Seminar: Clinical Exercise Physiology (1)

Other Requirement (3 or 9 credit hours)
EXW 500 Research Methods (3) or
EXW 515 Advanced Exercise Physiology (3) and EXW 584 Internship (6)

Culminating Experience (0 or 6 credit hours)
written comprehensive exam (0) or
EXW 599 Thesis (6)

Additional Curriculum Information
This program has a thesis option and a nonthesis option. Students in the thesis option must take EXW 500 Research Methods before EXW 599 Thesis. Students who select the nonthesis option must complete a clinical internship of six credit hours (EXW 584 Internship) and take EXW 515 Advanced Exercise Physiology.

All students must pass a written comprehensive exam. Thesis students must also pass an oral defense.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in exercise science, exercise physiology, kinesiology or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• letter of intent
• three references (academic or professional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants who do not have credit for basic courses from their undergraduate degree must complete the courses before beginning the application process or before beginning graduate coursework. The corresponding ASU course is in parentheses:

• Exercise Prescription (EXW 425)
• Exercise Testing with Laboratory (EXW 420)
• Functional Anatomy and Kinesiology (KIN 334)
• Human Nutrition (NTR 241)
• Human Anatomy and Physiology with laboratories (BIO 201 and BIO 202)
• Physiological Foundations of Movement [Exercise Physiology] (KIN 340)
• Psychology (PSY 101)
• Statistics (STP 226 or similar)

The letter of intent should be 600 words or less and address the applicant's area of professional or scholarly interest, career and professional goals, and relevant background, experience and training.

Contact information of three references is required. References are contacted via email to respond to a series of questions about the applicant. At least two references must be academic (such as prior instructors) with at least one from the applicant's major. The third reference may be from an academic or related professional source.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Synthesize the current literature and guidelines on the epidemiology, pathophysiology, progression, risk factors, key clinical findings, and treatments of chronic diseases.
Create exercise training interventions for patients with chronic disease.
Analyze patient status changes through continuous monitoring of exercise interventions while incorporating behavior modification models that support active patient engagement.

Career opportunities

Clinical exercise physiology, in which exercise is used to help clients manage or reduce their risk of chronic disease, is an exciting and growing profession in the health care realm. It has recently been organized on the national level and is now recognized by the federal government and defined as an occupation.

The American College of Sports Medicine is the national association that establishes guidelines and recommendations for exercise testing and prescription, and evaluation of research for both healthy populations and those with chronic disease. Graduates are prepared to sit for ACSM certification, the organization's most prestigious credential for clinical professionals.

This unique and vital profession will grow as certifications and licensures support the value of clinical exercise physiology. Career opportunities are available in:

hospital-based clinical research facilities
hospitals
outpatient clinics
physician offices
university and research laboratories
worksite wellness centers

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHCEPMS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Clinical Molecular Diagnostics (Certificate), Certificate (NHCMDGRCT)

College/School: College of Health Solutions

Campus: Online

Program description

The graduate certificate program in clinical molecular diagnostics allows individuals who have completed their undergraduate degree to upskill in the area of molecular diagnostics without completing a second degree. Students in this certificate program obtain a skill set that is in demand by health care organizations, the biotechnology industry and the public health arena.

Students learn the skills and knowledge needed to work in clinical laboratories while making a positive impact on health

outcomes. The program provides a foundation in clinical molecular diagnostic theory and genetic principles, prepares students for clinical laboratory work by connecting theory with application, and engages students in a hands-on practicum experience.

Students engage in and obtain the knowledge, clinical experience and skills they need to successfully complete the professional examination to become a certified technologist in molecular biology offered through the American Society for Clinical Pathology. Additionally, students interested in furthering their education may request to apply credits earned from this certificate to the Master of Science program in biomedical diagnostics with the approval of the academic unit and the Graduate College.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (13 credit hours)
BMD 510 Current Perspectives in Biomedical Diagnostics (3)
BMD 513 Principles of Diagnostic Technology: Immunoassays (4)
BMD 514 Principles of Diagnostic Technology: Molecular Diagnostics (3)
MDL 570 Applications of Molecular Diagnostics in the Clinical Laboratory (3)

Other Requirements (2 credit hours)
MDL 580 Practicum (2)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biomedical informatics, biology, life sciences, chemistry, biochemistry, engineering, biomedical engineering, health sciences, medical studies, or medical and clinical laboratory science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admissions application and application fee
• official transcripts
• one reference (academic or professional)
• personal statement
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Prior to starting the program, all students must have coursework in the following areas as evidenced in their transcript:

• cell biology
• genetics
• microbiology
• organic chemistry or biochemistry

A personal statement must be submitted that explains what the applicant's career aspirations are, how the program will help the applicant achieve their goals, and what interested the applicant in this program.

Contact information of one reference is required. The reference will be contacted via email to submit a letter of recommendation. The reference must be an academic or professional source; friends and relatives are not accepted.

Applicants may provide a resume or curriculum vitae to support their application, though this is not required for admission consideration.

Applicants are strongly encouraged to have current employment in a laboratory setting where they may complete the required in-person practicum, though it is not required for admission consideration. Students are responsible for finding their practicum site and are encouraged to connect with the unit early to discuss the process for securing a practicum site if needed.

International students who are admitted to this program are required to complete an in-person practicum located in the United States. International applicants should consult with the International Students and Scholars Center to check their eligibility requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/clinical-molecular-diagnostics-certificate/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to sit for the certified technologist in molecular biology exam offered through the American Society for Clinical Pathology, and they gain a competitive advantage for careers in diagnostic molecular and cellular biology.

Career opportunities in the field of molecular diagnostics include:

cytogenetics
genetics
immunology
industry development and sales
laboratory management
medical laboratory scientist

molecular diagnostics technologist
molecular laboratory scientist
molecular specialist
research technologist

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu
chsgrad@asu.ed
602-496-3300

Communication Disorders in Multilingual/Multicultural Populations (certificate), Certificate (NHCDMPGRCT)

College/School: College of Health Solutions

Campus: Tempe

Program description

Designed for students in the Master of Science program in communication disorders, the certificate program in communication disorders in multilingual/multicultural populations provides expanded coursework in issues related to culturally and linguistically diverse populations.

In addition to specialized academic courses, this program offers clinical experience in community-based settings and engagement in community-centered, interprofessional projects.

Students who complete the certificate program have the knowledge and practical experience to effectively address the needs of culturally and linguistically diverse adults, children and families. Knowledge of another language is not required.

STEM-OPT extension eligible: No

Degree requirements

17 credit hours including the required applied project course (SHS 593)

Required Core (10 credit hours)
SHS 524 Counseling in Communication Disorders (2)
SHS 570 Communication Disorders and Multicultural Populations (2)
SHS 586 Language Essentials for Teaching Reading (2)
SHS 588 Bilingual Language Acquisition (2)
SHS 597 Bilingual Speech-Language Pathology (2)

Other Requirement (5 credit hours)
SHS 584 Clinical Internship (5)

Culminating Experience (2 credit hours)
SHS 593 Applied Project (2)

Additional Curriculum Information
The culminating experience is an applied, community-based project that builds depth of knowledge.

Students who wish to obtain a bilingual endorsement must complete the Arizona Classroom Teacher Spanish Proficiency Examination administered by the School of International Letters and Cultures.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must be enrolled in the MS program in communication disorders at ASU.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants who are currently enrolled in the MS program in communication disorders are encouraged to connect early with their graduate advisor regarding the recommended timeline for applying to this certificate program.

Applicants who are not yet admitted to the MS program in communication disorders may apply to that program and this certificate program at the same time (separate applications are required). Acceptance to the certificate program is not granted if the applicant is not accepted to the MS program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Adapt communication, assessment, and treatment to meet the cultural and linguistic diversity of the clients they serve.
Prepared to use evidence-based practices to serve clients who are culturally and linguistically diverse.
Practice as a speech-language pathology clinician and evaluate appropriate resources, including mentorship, in settings that have culturally and linguistically diverse populations.

Career opportunities

Employers in many settings value professionals who are equipped to work with diverse populations. A graduate with this certificate can advance their career options as a certified and licensed speech-language pathologist. The certificate demonstrates that the graduate has undertaken the specialized training required to work with clients who are from diverse linguistic or cultural backgrounds.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHCDMPGRCT/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Communication Disorders, MS (LACOMDISMS)

College/School: College of Health Solutions

Campus: Tempe

Program description

The Master of Science program in communication disorders prepares students to become certified speech-language pathologists. This is a full-time residential program that can be completed in 20 months.

In the first year of the program, students take a series of courses to develop knowledge of and skills in assessment and intervention approaches for communication disorders across the life span. They also gain hands-on experience providing services to real-world clients in on-campus clinics, guided by clinical faculty educators.

In the second year, students take required and elective courses to further develop their knowledge in selected topic areas and to acquire additional clinical skills in supervised external placements in the community.

This program offers research and clinical opportunities in many diverse settings, including:

• early intervention programs and private practice clinics
• inpatient and outpatient medical sites
• public schools

A part-time employment program is available for speech-language pathology assistants in public schools. Those seeking specialized training can pursue a certificate in multilingual and multicultural services. Students interested in research have the opportunity to work in labs and complete a master's thesis.

Students may have the option of completing some second-year courses via ASU Sync, with program approval. ASU Sync enables students to attend live classes remotely via Zoom, and classes are designed to foster active collaboration and discussion in real time with faculty and peers.

Students on F-1 or J-1 immigration status should verify they meet the minimum in-person credit hour and total credit hour enrollment requirements prior to requesting permission to enroll in courses via ASU Sync.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

This program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association. https://www.asha.org/ (https://www.asha.org/)

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and a thesis, or
60 credit hours and a written comprehensive exam

Required Core (34 credit hours)
SHS 538 Clinical Methods and Simulation in Speech-Language Pathology (4)
SHS 539 Professional Issues in Speech-Language Pathology (2)
SHS 567 Neural Bases of Communication Disorders (2)
SHS 570 Communication Disorders and Multicultural Populations (2) or SHS 597 Bilingual Speech-Language Pathology (2)
SHS 571 Augmentative Communication and Language Programming (2)
SHS 572 Language Assessment and Intervention in Infants and Toddlers (2)
SHS 573 Language Assessment and Intervention with School-Age Populations (2)
SHS 574 Management of Feeding and Swallowing Disorders (2)
SHS 575 Aphasia and Related Neurogenic Language Disorders (2)
SHS 577 Current Assessment, Intervention and Research in Autism (2)
SHS 578 Fluency Disorders (2)
SHS 579 Voice and Resonance Disorders (2)
SHS 581 Traumatic Brain Injury and Cognitive Linguistic Disorders (2)
SHS 582 Differential Diagnosis of Communication Disorders (2)
SHS 585 Articulation and Phonology: Assessment and Intervention (2)
SHS 587 Language Assessment and Intervention with Preschool Populations (2)

Electives (0 or 6 credit hours)

Other Requirements (20 credit hours)
SHS 500 Research Methods (1)
SHS 580 Clinical Practicum (9)
SHS 584 Clinical Internship (10)
American Speech-Language-Hearing Association Praxis national exam in speech language pathology (0)

Culminating Experience (0 or 6 credit hours)
written comprehensive exam (0) or
SHS 599 Thesis (6)

Additional Curriculum Information
SHS 538 and SHS 539 should each be taken twice across consecutive fall and spring semesters. Students should repeat SHS 580 and SHS 584 until they have completed nine credits of SHS 580 and 10 credits of SHS 584. Students who choose the written comprehensive examination as their culminating experience must take six credit hours of electives. Students should see their academic unit for an approved list of elective courses.

All students must take the American Speech-Language Hearing Association Praxis national exam and have their scores reported to the program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in speech and hearing science or a related field from a regionally accredited institution and completed prerequisite coursework in speech and hearing.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• personal statement, not to exceed 300 words
• three references (academic or professional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

All applicants must complete competencies in the following areas prior to matriculation (ASU-related coursework is included in parentheses):

• biological sciences (BIO 160 or BIO 181 or BIO 201 recommended)
• physics or chemistry (PHY 101 or CHM 101)
• statistics, not speech and hearing science related (HCD 300 or STP 226 or PSY 230)
• psychology, sociology, anthropology or public health (PSY 101 or SOC 101 recommended)

Applicants who have earned a bachelor's degree in an are other than speech and hearing sciences must complete additional competencies in speech and hearing sciences before admission. Competencies include the following (ASU-related coursework is included in parentheses):

• Introduction to Phonetics (SHS 250)
• Anatomical and Physiological Bases of Speech (SHS 310)
• Hearing Science (SHS 311)
• Language Science (SHS 367)
• Speech Science (SHS 375)
• Introduction to Audiology (SHS 401)
• Clinical Methods and Treatment of Communication Disorders (SHS 402)
• Speech and Language Acquisition (SHS 465 or 565)
• Aural Rehabilitation (SHS 496 or 596)

Applicants who are in the process of completing prerequisite coursework are encouraged to submit their application after final grades for relevant fall term courses have been posted to their transcript and before the priority deadline. The admission committee begins reviewing complete applications after the priority deadline. Applications are considered complete when all materials, including letters of reference, have been received.

Contact information for three references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant. It is recommended to have two references from faculty in speech and hearing or a related field; the third may be professional.

An interview may be required in person or via teleconference.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate evidence-based resources using scientific foundation principles to justify an approach to service provision as a speech-language pathologist.
Generate recommendations for clients by synthesizing in-depth knowledge of communication and swallowing processes including etiologies, characteristics, anatomical, physiological, acoustic, psychological, developmental, linguistic and cultural correlates.
Formulate prevention, assessment and treatment options for clients with communication and swallowing disorders.
Demonstrate skill-based competency in evaluating and treating people across the lifespan who have communication, speech, language, literacy, cognition and swallowing difficulties.
Effectively function in their role as a speech-language pathologist including active utilization of interprofessional collaboration, interpersonal skills, counseling skills, supervision and advocation for individuals who need services as well as the ability to act in accordance with the ethical, legal and philosophical principles of the speech-language pathology profession and the American Speech-Language-Hearing Association.

Career opportunities

Speech-language pathologists evaluate speech, language, cognitive, hearing, feeding and swallowing functions, integrating medical history and background information to diagnose disorders and plan treatment. Graduates have many opportunities to work with culturally and linguistically diverse populations.

Speech-language pathologists are in high demand. Employment rates are extremely high across all settings, including:

all school levels, including elementary, middle and high school
early intervention settings, including home health
inpatient and acute care hospitals
neonatal intensive care units
outpatient rehabilitation
pediatric outpatient centers
private practice

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/LACOMDISMS/graduate/false/91415

CHSGrad@asu.edu
602-496-3300

Cytology, MS (NHCYTOLMS)

College/School: College of Health Solutions

Campus: Online

Program description

The Master of Science program in cytology is for students seeking to advance their current careers in the clinical laboratory, becoming specialists in minimally invasive diagnostic methods. This program's focus on early disease detection and diagnosis is based on the visual analysis of microscopic cellular findings and connecting those findings with the patient's clinical history.

Through virtual labs and didactic coursework, students build their knowledge in anatomy, pathophysiology, histology and cytopathology across every organ system. Students integrate this knowledge with microscopic screening and diagnostic skills to identify cancers, infectious diseases and other clinically significant microscopic changes. The curriculum incorporates current advanced diagnostic technologies, including molecular diagnostics, immunohistochemical biomarkers and digital pathology. Students are prepared for day-to-day quality assurance activities as well as principles of laboratory operations and management.

A required in-person clinical practicum experience allows students to refine their skills in a cytology clinical laboratory setting under the supervision of practicing cytologists and pathologists.

Emphasizing technical expertise, critical thinking and ethical standards essential for health professional practice, graduates are prepared to excel in a broad range of clinical environments, addressing critical health care needs with precision and innovation.

Pending program accreditation, completion of this program qualifies students to take the American Society of Clinical Pathology Board of Certification examination in cytology. Certification is required for full clinical practice as a cytologist.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

44 credit hours and a portfolio

Required Core (37 credit hours)
BMD 510 Current Perspectives in Biomedical Diagnostics (3)
BMD 513 Principles of Diagnostic Technology: Immunoassays (4)
BMD 514 Principles of Diagnostic Technology: Molecular Diagnostics (3)
BMD 570 General Principles of Cytology and Pathology (3)
BMD 571 Microscopic Evaluation (3)
BMD 572 Laboratory Operations and Preparation (3)
BMD 601 Fine Needle Aspiration Cytology (3)
BMD 602 Effusion and Cerebrospinal Fluid Cytology (3)
BMD 603 Gastrointestinal Cytology (3)

BMD 604 Gynecologic Cytology (3)
BMD 605 Pulmonary Cytology (3)
BMD 606 Urinary Cytology (3)

Other Requirements (7 credit hours)
BMD 500 Research Methods (2)
BMD 580 Practicum (5)

Culminating Experience (0 credit hours)
portfolio

Additional Curriculum Information
The MDL 580 Practicum is a required, in-person, hands-on experience to be conducted at a clinical laboratory under the guidance of an approved supervisor. Students are responsible for finding their practicum site (likely their place of employment) and are encouraged to connect with the unit early to discuss the process for securing a practicum site, if needed.

The program culminates in a noncredit-bearing portfolio where students synthesize their cytology theory and clinical experience. This reflective and integrative portfolio showcases student proficiency and serves as a valuable tool for future career advancement and professional development.

Technical standards: Color blindness makes it challenging for some individuals to differentiate between some colors, shades of colors or see color brightness, and it may diminish observational skills required for laboratory testing. Individuals with color blindness can be trained to differentiate and characterize the colors of stains, reagents, microscopic cells, labels, biologic devices or any device or printout used in diagnostic laboratory procedures. Students can view a complete listing of technical and essential functions required at https://acrobat.adobe.com/link/review?uri=urn:aaid:scds:US:ecbfedf8-7c11-375e-b8bb-bf32376a422b (https://acrobat.adobe.com/link/review?uri=urn:aaid:scds:US:ecbfedf8-7c11-375e-b8bb-bf32376a422b).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirement of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health, STEM or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• two letters of recommendation
• statement of purpose
• proof of employment in a clinical laboratory setting
• statement of employer support
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must be currently employed in a lab setting performing clinical laboratory procedures. Proof of employment in a clinical laboratory setting and employer support to perform practicum assignments in the lab must be demonstrated at the time of application.

The one- to two-page statement of purpose should include the applicant's interest in the program, what they expect to learn from the program, their professional goals, and a short description of their background in the sciences.

Contact information for two references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant.

Strong applicants are contacted to schedule an interview via teleconference prior to acceptance.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/cytology-ms/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to become certified cytologists who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains necessary to enter the profession. They additionally are prepared for a variety of career opportunities in clinical and research settings.

Sample job titles include:

- biomedical scientist
- clinical laboratory manager
- clinical research coordinator
- cytologist or cytotechnologist
- laboratory operations manager
- molecular diagnostics technologist
- quality control specialist
- research scientist

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHCYTOLMS/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Exercise and Nutritional Sciences, PHD (ECNUTRIPHD)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

Within integrated disciplinary contexts, the Doctor of Philosophy program in exercise and nutritional sciences curriculum trains scholars and leaders to conduct high-impact, interdisciplinary and translational research in exercise and nutritional sciences.

Students and faculty conduct high-quality, use-inspired research in exercise, nutrition and health promotion that is intended to reduce the physical, social and economic costs of unhealthy living. Students engage in research at every stage of the program through:

• dissertation research
• participation in research practicums
• preclinical research and clinical trials
• research seminars and colloquia
• translational research teams

Students work collaboratively with an approved mentor throughout the program and focus their research on one of three primary areas of interest: translational metabolism and physiology, behavioral and community health sciences, or biomechanics and motor control.

Those who have earned a master's degree can complete the program in four years of full-time study. The program also accepts part-time students.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
BMI 515 Applied Biostatistics in Medicine and Informatics (3) or EXW 640 Analysis of Variance for Exercise and Wellness (3)
EXW 645 Advanced Applied Methods and Data Analysis (3)

Required Research (16 credit hours)
CHS 600 Research Methods: Translational Science (3)
CHS 791 Seminar: Exercise and Nutrition Journal Club (1)
EXW 700 Research Methods (3)
EXW 701 Scientific Grant Writing (3)
EXW 780 or NTR 780 Practicum (6)

Elective Research (12 credit hours)

Professional Development (5 credit hours)
CHS 791 Seminar: Early Career Professional Development (3)
EXW 784 Internship (2)

Focus Area (9 credit hours)

Electives (24 credit hours)

Culminating Experience (12 credit hours)
EXW 799 or NTR 799 Dissertation (12)

Additional Curriculum Information
Students tailor a course of study in one of three focus areas: behavioral and community health sciences, biomechanics and motor control, or translational metabolism and physiology. Courses in the focus area are determined in collaboration with the student's supervisory committee.

The program integrates professional development through a teaching internship (EXW 784) and a three-semester seminar (CHS 791 Seminar: Early Career Professional Development) that addresses career opportunities and preparation for faculty or professional positions in the nutrition, exercise and health promotion fields.

Students entering the doctoral program with a master's degree in a related discipline may count up to 24 credit hours from the master's degree toward the total credit hours, with program approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nutrition, exercise science, kinesiology or related field from a regionally accredited institution. Completion of a data-based research thesis is preferred for applicants entering with a master's degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, and applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• resume or curriculum vitae
• three references (academic or professional)
• writing sample (four to eight pages; double-spaced)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letter of intent should indicate research or scholarly interest and primary program area, and include a statement of career goals and the name of a potential faculty mentor from the list of approved faculty mentors.

It is expected that students admitted to the program have documented academic training and a strong interest in nutrition science, exercise science, biomechanics, rehabilitation or health promotion. Thus, depending on their academic training, background, scholarly interests and focus area, a student may be asked to take undergraduate courses as deficiencies prior to, or concurrently with, graduate course enrollment.

Applicants with a bachelor's degree only must have completed coursework in the following areas prior to matriculation:

• anatomy and physiology
• biochemistry or exercise physiology
• nutrition
• research methods or evidence-based inquiry
• statistics

Applicants with a master's degree in a related area (nutrition, exercise science, kinesiology or related field) must have complete coursework in the following competencies prior to matriculation:

• research methods (graduate-level)
• statistics (graduate-level)

Contact information for three references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant.

Strong applicants are contacted to schedule an interview via teleconference prior to acceptance.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply appropriate advanced research methodology in the design and evaluation of research studies in exercise and nutritional sciences.
Apply appropriate statistical analyses to evaluate research and data relevant to exercise and nutritional sciences.
Communicate research findings to scientific audiences, including peer-reviewed literature and presentations at scientific conferences and to lay audiences.
Create a grant proposal that clearly demonstrates significance, innovation and a scientifically justified approach to address a novel research question.

Career opportunities

Graduates are prepared for research careers in research-intensive universities, government agencies and health-related research positions in private industry. Students are strongly encouraged to pursue postdoctoral research opportunities upon graduation to further enhance career opportunities.

Career examples include:

consultant
entrepreneur
exercise physiologist
dietician or nutritionist
health, research or sports scientist
postsecondary biomechanics, exercise science or nutrition teacher
professor
public health professional
scientist in pharmaceutical, food science and other related industry

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/ECNUTRIPHD/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Genetic Counseling, MS (NHGCOMS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Master of Science program in genetic counseling prepares students for a successful career as a genetic counselor. Graduates can apply their knowledge and unique skill set to advance the understanding of genetics and genomic-related conditions in the communities where they work and live.

The two-year, full-time program is taught by genetic counselors and medical geneticists. Students participate in fieldwork experiences throughout Phoenix and engage in a comprehensive curriculum covering:

• advanced genetic counseling techniques
• clinical genetics and genomics
• cultural competencies in genetics
• fundamentals of genetic counseling
• the role of genetic counselors in laboratories and research
• social and ethical dimensions of genetic counseling and decision-making

Students gain the knowledge and experience necessary to pass the American Board of Genetic Counseling certification exam and find employment that fits their skill set.

This program is classified as Accredited, New Program by the Accreditation Council for Genetic Counseling, https://www.gceducation.org/ (https://www.gceducation.org/). Students should refer to the college webpage (https://chs.asu.edu/degree-programs/additional-program-information) for additional accreditation information.

Students should note that some courses and faculty offices are located at the Health Futures Center (https://gis.m.asu.edu/asucampus/?campus=downtown&building=UCENT&marker=-111.95140300401944%2C33.65711400174794%2C%2C%2C%2C&markert111.95140300401944%2C%22latitude%22%3A33.65711400174794%2C%22isIncludeShareUrl%22%3Atrue%7D&level=15) in North Phoenix.

STEM-OPT extension eligible: No

Degree requirements

71 credit hours and a thesis, or
71 credit hours including the required applied project course (GCO 593)

Required Core (46 credit hours)
BMD 562 Bioethical Issues in Applied Biomedicine (3)
GCO 510 Fieldwork Preparatory (1)
GCO 530 Genetic Counseling Fundamentals (3)
GCO 540 Foundations of Medical Genetics (3)
GCO 560 Practice of Genetic Counseling (3)
GCO 570 Clinical Genetics I (3)
GCO 571 Clinical Genetics II (3)
GCO 610 Laboratory Fundamentals and Population Screening (3)

GCO 620 Genetic Counseling Techniques (3)
GCO 625 Cultural, Ethical and Legal Aspects of Genetics (3)
GCO 630 Advanced Genetic Counseling Techniques (3)
GCO 650 Cancer, Cardiac Genomics and Precision Medicine (3)
GCO 659 Embryology and Genetics (3)
GCO 660 Professional Issues for Genetic Counselors (3)
HCD 501 Population Health Data Management and Analysis (3)
HCD 520 Population Health (3)

Fieldwork (15 credit hours)
GCO 583 or GCO 683 Fieldwork (15)

Other Requirements (4 credit hours)
GCO 691 Topic: Journal Club I (1)
GCO 691 Topic: Journal Club II (1)
GCO 691 Topic: Journal Club III (1)
GCO 691 Topic: Journal Club IV (1)

Culminating Experience (6 credit hours)
GCO 593 Applied Project (6) or
GCO 599 Thesis (6)

Additional Curriculum Information
GCO 691 Journal Club topics are taken consecutively for one credit hour in each term of the program.

To meet the fieldwork requirement, students complete GCO 583/683 Fieldwork for a total of 15 credit hours. In most cases, students take a combination of the two courses and repeat each course. Students must have a minimum of 50 participatory cases during their fieldwork experiences with individuals who are being evaluated in the specialty areas of prenatal, pediatric, cancer and other adult conditions, with no one specialty dominating. All 50 participatory cases must be supervised by an experienced genetic counselor with certification from the American Board of Genetic Counseling, the American Board of Medical Genetics and Genomics or the Canadian Association of Genetic Counsellors. Students are placed in fieldwork sites by the program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• resume or curriculum vitae
• three references (academic or professional)

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must register with National Matching Services, Inc. prior to applying to ASU to be considered for this program (https://natmatch.com/gcadmissions (https://natmatch.com/gcadmissions/)). The Genetics Counseling, MS program at ASU has an ID code of 15710. Applications are reviewed by the admissions committee after all materials have been received, and the applicant has registered with Match.

All applicants must have coursework in the following areas, as evidenced in their transcript:

• biology (two courses)
• chemistry (one course)
• biochemistry (one course)
• genetics (one course)
• statistics (one course)
• psychology, sociology or public health (two courses)

The letter of intent (single-spaced, one to two pages) should include experience and knowledge in the field of genetic counseling and articulate what makes the applicant a good candidate for this program.

Contact information for three references is required. References are contacted via email to submit a letter of recommendation. Academic and professional recommendations are strongly encouraged. If possible, candidates are encouraged to include at least one letter of recommendation from a genetic counselor.

All applicants are strongly encouraged to interview genetic counselors and observe genetic counseling sessions when possible. It is also highly recommended that applicants have experience working in a health care setting; experience volunteering or working with individuals who have special needs; advocacy experience; or experience providing crisis counseling.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply knowledge of genetics, including genomics principles, genetic conditions, and testing technologies to the practice of genetic counseling.
Evaluate personalized genetic risk through a comprehensive analysis of multiple factors.
Apply understanding of psychosocial needs and client-centered decision-making to genetic counseling interactions.
Communicate genetics and genomics information to clients, colleagues, and other community partners.
Illustrate how genetic counselors fit within the larger healthcare system.
Synthesize the evidence based literature relevant to genetic counseling.

Career opportunities

Graduates of the program are prepared for a position as a genetic counselor in a clinical care, research or laboratory setting or as an industry-based genetic counselor. Genetic counselors are uniquely trained with a skill set that allow them to work in a variety of medical, scientific or research-based settings, as well as in private practice and academia.

The Bureau of Labor Statistics predicts a growth rate of 16% for genetic counseling positions between 2022 and 2032, which is much faster than average.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHGCOMS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Health Care Administration and Policy, MS (NHSHCDMS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

Program description

The Master of Science program in health care administration and policy focuses on the study and design of systems, processes, leadership and management approaches used to optimize health care delivery and health outcomes for all.

The curriculum is centered on achieving high-value care through leadership, population health, informatics, systems engineering, health care management, health economics, equity, bioethics and policy.

Students customize their elective coursework to their interests and goals, with courses being offered in three focus areas:

• health policy and advocacy
• health systems management
• performance improvement in health care

The program challenges students to work on innovative solutions to improve the U.S. health care system by simultaneously improving the health of populations, enhancing the patient experience and reducing per capita cost of care.

Participating students work in a cohort through the program and are able to complete the degree in as few as nine months. Students are also paired with leading health care delivery organizations and leaders to complete an applied capstone project during the program.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Global Management, MGM

Degree requirements

30 credit hours including the required capstone course (HCD 550)

Required Core (18 credit hours)
HCD 501 Population Health Data Management and Analysis (3)
HCD 502 Foundation of U.S. Health Systems and Design (3)
HCD 510 Patient-centered Care and Analysis (3)
HCD 511 Health Economics and Policy (3)
HCD 521 Health Policy and Equity (3)
HCD 575 Health Care Transformation and Leadership (3)

Focus Area Courses (9 credit hours)

Research (2 credit hours)
HCD 592 Research: Part One (1)
HCD 592 Research: Part Two (1)

Culminating Experience (1 credit hour)
HCD 550 Capstone (1)

Additional Curriculum Information
Students are able to select coursework from any of three focus areas: health systems management, performance improvement in health care, or health policy and advocacy. Students should contact the academic unit regarding course selection for the focus area.

The research requirement is taken in preparation for the capstone course. Students complete HCD 592 for one credit hour twice in consecutive terms before taking HCD 550.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree from a regionally accredited college or university in a related field such as biology, chemistry, biochemistry, nursing, public health, pharmacy, biomedical informatics, social work, premedical, prehealth, nutrition, health promotion, business or others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three references (academic or professional)
• personal statement
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

Contact information for three references is required. References are contacted via email to submit a letter of recommendation. References must be academic or professional; friends or relatives are not accepted.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after the degree is obtained, how the program will help the applicant achieve their goals, what the applicant's career aspirations are and what interested the applicant in this degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-science-health-care-delivery/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Integrate leadership and management skills and principles to facilitate the interdisciplinary delivery of patient-centered health care.
Create a comprehensive plan to redesign care delivery to address a current health care delivery systems challenge.
Develop quantitative and qualitative methodologies for applied research as a means to analyze health care problems, interpret data, and develop evidence-based solutions.

Career opportunities

Graduates are trained for a career in the health care industry --- particularly leadership, management and administration. Professionals with knowledge about innovations and improvements for health care delivery are in demand across the health care industry. This flexible degree program is also ideal for gap-year students who are pursuing entrance to medical and professional school before beginning careers in health and health care.

Career examples for program graduates include:

health care providers
hospital administrators
policy experts
program managers

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHSHCDMS/graduate/false/91415

CHSGrad@asu.edu
602-496-3300

Health Informatics, MAS (GCHLHINMAS)

College/School: College of Health Solutions

Campus: Online

Program description

The Master of Advanced Study program in health informatics is a flexible program designed to meet the needs of working professionals, and options are available for students to continue their education on their own time.

Core courses provide a foundation in health informatics principles, health communication, health care data and databases, and health care leadership. Electives enable students to specialize in various areas of health informatics, such as biostatistics, clinical informatics, population health and health care artificial intelligence. Other program areas include clinical workflow, telehealth and telemedicine, and human--computer interactions in health care.

Course topics include:

• bioethical issues in applied biomedicine
• biostatistics in medicine and informatics
• clinical decision support systems and evidence-based medicine
• imaging informatics and diagnostics
• knowledge management and engineering
• population health
• telehealth and telemedicine
• translational bioinformatics
• workflow analysis and redesign in health systems engineering

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (BMI 593)

Required Core (15 credit hours)
BMI 601 Fundamentals of Health Informatics (3)
BMI 603 Health Informatics Database Modeling and Applications (3)
BMI 604 Health Information Communication (3)
BMI 614 Current Perspectives in Health Informatics (3)
HCD 575 Health Care Transformation and Leadership (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
BMI 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree in a related field, such as biology, computer science, medicine, nursing, pharmacy or public health, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• two references (academic or professional)
• statement of purpose
• proof of English proficiency

Additional Admission Requirements
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL iBT® or IELTS scores must be from tests taken no more than two years before the applicant's anticipated start date at ASU.

The statement of purpose should be a maximum of 500 words and describe the applicant's background, their interest in the program, what they hope to learn and accomplish, and their career goals.

Contact information for two references is required. References are contacted via email to submit a letter of recommendation. References must be current or former professors or supervisors of a relevant position held by the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-health-informatics/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared with skills for careers in a wide variety of health care settings. Professionals from fields outside health and health care can also develop the skills needed to transition into careers in this rapidly expanding field.

Career opportunities include these positions:

chief health informatics officer (a medical doctorate may be required)
clinical application developer
clinical informatics manager
director of clinical informatics or health informatics
director of health information management or health IT
electronic health record application specialist
health care informatics consultant or manager
health care IT project manager
health care or clinical informatics data analyst

health data resource manager or clinical data manager
health informatics director

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/GCHLHINMAS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Integrated Behavioral Health - Clinical (Certificate), Certificate (NHIBHCGRCT)

College/School: College of Health Solutions

Campus: Online

Program description

The integrated behavioral health clinical certificate meets the growing demand for integration of behavioral health clinicians into primary care or other traditional medical settings.

The curriculum offers clinician students a deeper understanding of models of primary care behavioral health as well as training on evidence-based approaches to behavioral health care. Program courses focus on various aspects of behavioral health care, including models, clinical medicine and pathophysiology, clinical interventions and population health.

It is ideal for clinicians who aspire to a career in, or are already working in, integrated primary care behavioral health. The program may be completed:

• as a stand-alone program
• to complement a student's graduate degree program of study
• to supplement a student's existing clinical skills or their current practice within an integrated team-based health care setting

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (12 credit hours)
IBC 601 Models of Integrated Primary Care (3)
IBC 603 Brief Interventions in Primary Care (3)
IBC 604 Clinical Medicine/Pathophysiology (3)
IBC 611 Population-based Behavioral Health Management (3)

Electives (3 credit hours)

Additional Curriculum Information
Students should see the academic unit for the approved course list of electives. Other coursework may be used with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a master's degree in a related field --- such as social work, counseling, family therapy, clinical psychology or nursing --- from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• one reference (professional)
• resume or curriculum vitae
• submission of licensure form and copy of license
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

All applicants are required to hold a license or have license eligibility to practice in a clinical field. The most competitive candidates are master's degree-level professionals who are currently employed in or aspire to work in a clinical capacity in an integrated healthcare organization. Licensed and license-eligible are terms defining a license to practice issued by a state licensing board (e.g., Arizona Board of Behavioral Health Examiners, Arizona Board of Occupational Therapy Examiners). Examples include license-eligible master's degree-level behavioral clinician, licensed master's degree-level behavioral clinician, and master's degree-level licensed medical or ancillary health care provider (nurse, dietitian, occupational therapist).

Contact information for at least one reference is required. The reference is contacted via email to respond to a series of questions about the applicant.

Applicants are asked to respond to the following prompt for the statement of intent:

The integrated behavioral health (clinical) certificate program focuses on evidence-based techniques for integrated primary care (e.g., behavioral interventions that incorporate a therapeutic lifestyle change or incorporate a patient's medical condition). Clearly articulate the specific career goals and the detailed ways in which an IBH (clinical) certificate will help you accomplish those goals. Please be sure to incorporate information from the program description and required courses.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/integrated-behavioral-health-clinical-graduate-certificate/) for program descriptions and to request more information.

Career opportunities

Graduates who have combined the certificate in clinical integrated behavioral health with their major program of study, license or practice within integrated team-based health care settings may gain an edge in a competitive job market.

Completion of this innovative program, in conjunction with a clinical degree, can help a graduate launch their career as:

a behavioral health case manager
a behavioral health provider
a counselor of behavioral health
an integrated behavioral health care supervisor
a program coordinator

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHIBHCGRCT/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Integrated Behavioral Health - Management (Certificate), Certificate (NHIBHMGRCT)

College/School: College of Health Solutions

Campus: Online

Program description

The integrated behavioral health management certificate meets the growing demand for health care managers of programs that integrate behavioral health into primary care and other traditional medical settings.

Students are trained to manage and contain health care costs while working to obtain a return on investment through revenue management in various health care financial models.

Students learn to develop management strategies that address the needs of populations with evidence-based practices and team-based care that is focused on quality, leveraging technology and cost-effectiveness.

It is ideal for clinicians who aspire to work in integrated primary care behavioral health. The program may be completed:

• as a stand-alone program
• to complement a student's graduate degree program of study
• to supplement a student's existing clinical skills or their current practice within an integrated team-based health care setting

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (12 credit hours)
IBC 601 Models of Integrated Primary Care (3)
IBC 614 Quality and Performance Measurement, Improvement and Incentives in Health Care (3)
IBC 626 Behavioral Health Management (3)
IBC 630 Financial Management of Health Care (3)

Electives (3 credit hours)

Additional Curriculum Information

Students should see the academic unit for the approved course list of electives. Other coursework may be used with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of intent
• one reference (professional)
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Contact information for at least one reference is required. The reference is contacted via email to respond to a series of questions about the applicant.

Applicants are asked to respond to the following prompt for the statement of intent:

The integrated behavioral health (management) certificate focuses on management of organizations that offer integrated behavioral health services (e.g., using quality improvement strategies, cost containment and control). Clearly articulate your specific career goals and the detailed ways in which an integrated behavioral health (management) certificate will help you accomplish those goals. Please be sure to incorporate information from the program description and required courses.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/integrated-behavioral-health-management-grad-certificate/) for program descriptions and to request more information.

Career opportunities

Graduates who combine the certificate in integrated behavioral health management with their graduate degree program, license or practice within integrated team-based health care settings may gain an edge in a competitive job

market. This management-focused certificate provides refined learning in integrated care, quality and performance interventions, financial management, and behavioral health management skill building for integrated health care.

Completion of this innovative program in conjunction with other degrees and training can help graduates launch their career as a:

behavioral health case manager
behavioral health manager
behavioral health quality improvement manager
integrated care leader
program coordinator
program supervisor

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHIBHMGRCT/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

International Health Management, MIHM (NHIHMIHM)

College/School: College of Health Solutions

Campus: Online

ASU is not currently accepting applications to this program. Interested students should apply to the MS in Health Care Administration and Policy.

Program description

The Master of International Health Management degree program is offered by Arizona State University in partnership with the University of New South Wales in Sydney, Australia.

Ideal for students seeking a career in international health systems management, this program advances the core principles of the PLuS Alliance to develop solutions to global challenges and generate social impact in health and health care.

The collaborative and international nature of the program provides students access to global academic networks and industry partners. Students in the program build knowledge in leadership and management, including in policy, economics, finance, quality and safety --- from the combined expertise of faculty at two world-renowned research universities.

After completing courses in health care management, finance and comparative health systems, students choose an area of focus in health economics, health informatics, hospital management or quality improvement in health care.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (HCD 550)

Required Core (6 credit hours)
HCD 532 Health Care Management and Finance (3)
HCD 537 Comparative Heath Care Systems (3)

Track Courses (12 credit hours)

Electives (9 credit hours)

Research (2 credit hours)
HCD 592 Research (2)

Culminating Experience (1 credit hour)
HCD 550 Capstone (1)

Additional Curriculum Information
Coursework taken for this program is provided through ASU and the University of New South Wales; students should see the academic unit for guidance on enrollment in UNSW courses.

Students select from tracks in health economics, health informatics, hospital management or quality improvement in health care. Courses may not count toward both the track and the elective areas. Students should see the academic unit for an approved list of track and elective courses.

The research requirement is taken in preparation for the capstone course. Students complete HCD 592 for one credit hour twice in consecutive terms prior to HCD 550.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or equivalent or master's degree from a regionally accredited college or university in a related field, such as biology, chemistry, biochemistry, nursing, public health, pharmacy, biomedical informatics, social work, premed, prehealth, nutrition or health promotion.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three references (academic or professional)
• personal statement
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after obtaining the degree, how the program will help the applicant achieve their goals, what the applicant's career aspirations are, and what interested the applicant in this degree program.

Contact information for three references is required. References are contacted via email to submit a letter of recommendation. References must be academic or related professional sources. Three letters of recommendation from

either academic or professional sources are required; reference letters from friends and relatives are not accepted. Letters demonstrating involvement in health care, community service or leadership are encouraged.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/international-health-management-mihm/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Articulate the influence of international health systems design for individual and population health outcomes.
Communicate the value of person- and population-centered health care in a changing global health care environment.
Integrate evidence-based financial principles when evaluating individual and population health outcomes.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of three leading research universities from three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to engage with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaborative degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

There is a significant growth market for graduates with skills in international health management, given aging populations and the need for a health care workforce competent in informatics, leadership and finance.

Major sites of employment for graduates include:

hospital systems
nursing homes and similar facilities
outpatient clinics

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHIHMIHM/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Medical Nutrition (Certificate), Certificate (NHMNTRGRCT)

College/School: College of Health Solutions
College of Health Solutions

Campus: Online

Program description

The certificate program in medical nutrition enables working health care professionals to acquire practical nutrition knowledge that can be immediately implemented in practice.

Students learn to discuss diet therapies, supplement use and nutritional concepts with their patients and clients. Students also gain in-depth knowledge of evidence-based nutrition research and the role of nutrition in managing chronic disease.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
NTR 510 Food and Nutrition Across the Lifespan (3)
NTR 511 Medical Nutrition in the Care and Prevention of Disease (3)
NTR 524 Chronic Inflammation and Metabolic Syndrome: The Common Pathway for Cardiovascular Disease, Diabetes (3)
NTR 525 Complementary Nutrition (3)
NTR 535 Nutrigenomics (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree in health, science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume or curriculum vitae
• one reference (academic)
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Before starting the program, applicants are expected to have completed courses in introductory nutrition (NTR 100 or NTR 241 or equivalent) and physiology (BIO 160 or BIO 202 or equivalent).

The personal statement (one or two pages) should address the applicant's interest in the program and how the program

will impact their professional goals, and describe the applicant's strengths and weaknesses that may influence their performance in the program.

Contact information for one reference is required. The reference is contacted via email to respond to a series of questions about the applicant. The reference should be academic, such as a professor or instructor.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/medical-nutrition-graduate-certificate/) for program descriptions and to request more information.

Career opportunities

This program is designed for current practitioners or to supplement another field of study in health-related disciplines. Graduates obtain an edge in a competitive job market with a certification in a growing area of health care. This program may be of interest to:

chiropractors
nurse practitioners
physical therapists
physician assistants
physicians

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHMNTRGRCT/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Medical Nutrition, MS (NHMNTRMS)

College/School: College of Health Solutions

Campus: Online

Program description

Students in the Master of Science program in medical nutrition learn how nutritional knowledge can be applied to health maintenance, the treatment of disease and disease prevention. Coursework and culminating experiences provide an overview of the components of therapeutic diets and the role of qualified health care providers in diet prescription.

This master's degree is ideal for:

• current and future health care professionals, including gap-year students
• current medical students, residents, fellows and practitioners who seek to develop a strong knowledge base in the nutritional sciences and its application in the health care field
• those who have completed their bachelor's degree but have not yet secured admission to medical, veterinary, dental, osteopathic, physician assistant or similar schools

The program emphasizes self-directed learning with immersion in current nutrition research. Students in this program

develop foundational knowledge of nutritional assessment techniques used by health care providers in clinical practice and become well-versed in making recommendations grounded in evidence-based practice.

This nonthesis program supports students focusing on the health professions, particularly preprofessional students in their gap years or those who want to expand their education after completion of a didactic program in dietetics or receiving registered dietitian nutritionist licensure. Students receive intensive, clinically oriented nutrition introductory courses, detailed courses on body systems, and courses that cover emerging health and health care topics.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Nutrition and Health, BS

Health Sciences (Healthy Lifestyles and Fitness Science), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (NTR 593), or
30 credit hours including the required applied project course (NTR 593) - Dietetics Track

Required Core (15 credit hours)
NTR 502 Statistics in Research (3)
NTR 503 Designing Health Behavior Interventions or NTR 533 Food Systems, Ethics and the American Diet (3)
NTR 524 Chronic Inflammation and Metabolic Syndrome: The Common Pathway for Cardiovascular Disease, Diabetes (3)
NTR 525 Complementary Nutrition (3)
NTR 535 Nutrigenomics (3)

Other Requirements (3 or 9 credit hours)
NTR 500 Research Methods (3)
NTR 510 Food and Nutrition Across the Lifespan (3)
NTR 511 Medical Nutrition in the Care and Prevention of Disease (3)

Electives or Track Coursework (3 or 9 credit hours)

Culminating Experience (3 credit hours)
NTR 593 Topic: Medical Nutrition (3)

Additional Curriculum Information
Students should contact the academic unit regarding course selection for the elective requirement.

The program offers a track in dietetics. To pursue the dietetics track, students must either be a registered dietitian nutritionist or have completed an accredited didactic program in dietetics. Students in the dietetics track complete NTR 500 for three credit hours to satisfy the other requirements. Students in this track do not complete elective coursework and instead complete nine credit hours of track coursework.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. A previous bachelor's or master's degree in nutrition, public health, biology, chemistry or related field is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• two references (academic)
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Before starting the program, applicants are expected to have completed courses in introductory nutrition (NTR 100 or NTR 241 or equivalent) and physiology (BIO 160 or BIO 202 or equivalent).

Applicants who wish to be considered for the dietetics track of this program must be registered dietitian nutritionists (RDN credential) or have completed an accredited didactic program in dietetics (frequently termed a DPD). Applicants interested in the dietetics track should submit their RDN credential verification or DPD verification statement through the program application process. To obtain proof of registered dietitian status, access the Commission on Dietetic Registration's website (cdrnet.org (https://www.cdrnet.org)) and complete the verification process.

The personal statement of one to two pages (typed and double-spaced) is required and should address the following:

• significant professional responsibilities the applicant has held
• professional goals and reasons for desiring to enroll in this program
• strengths that will help the applicant succeed in this program and reach their professional goals as well as their personal interests in research, including, if applicable, studies involving the practice of dietetics

Contact information for two references is required. References are contacted via email to respond to a series of questions about the applicant. References should be academic, such as professors or instructors.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/medical-nutrition-ms/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Graduates will be able to create evidence-based nutrition plans to support patient care.
Graduates will be able to evaluate evidence to address a nutrition research question.
Students will be able to compose written and oral presentations geared toward lay and professional audiences in the nutrition field.

Career opportunities

A medical nutrition degree complements a variety of pursuits across health and health care fields, and career opportunities for those who have completed this program are vast.

Career opportunities include:

dentist
medical doctor
nurse
pharmacist
physical therapist
physician assistant

This program is not a pathway to become a registered dietitian.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHMNTRMS/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Nutritional Science (Dietetics), MS (ECNTRDMS)

College/School: College of Health Solutions

Campus: Online

ASU is not currently accepting applications to this program. Interested students should apply to the Medical Nutrition, MS program.

Program description

The Master of Science program in nutritional science with a concentration in dietetics is a nonthesis option for registered dietitian nutritionists and those with a verification statement from a didactic program in dietetics who are seeking to continue their education and advance their skills as practitioners.

The program emphasizes the scientific foundations of nutrition and prepares students to have interpretive expertise, problem-solving skills, strong writing skills and computer literacy.

Designed with working professionals' and students' learning preferences in mind, the program is completely online and can be completed either full time or part time. It is an ideal option for busy schedules, with multiple start dates each year and course lengths of 7.5 weeks.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (NTR 593)

Required Core (3 credit hours)
EXW 501 Research Statistics (3) or
NTR 502 Statistics in Research (3)

Concentration (9 credit hours)
NTR 501 Research Methods in Nutrition (3)
NTR 503 Designing Health Behavior Change Interventions (3)
NTR 519 Nutrition Therapies for Eating Disorders and Addictions (3)
NTR 520 Nutrition-Focused Physical Assessment (3)
NTR 524 Chronic Inflammation and Metabolic Syndrome: The Common Pathway for Cardiovascular Disease, Diabetes (3)
NTR 525 Complementary Nutrition (3)
NTR 529 Pediatric Nutrition (3)
NTR 533 Food Systems, Ethics and the American Diet (3)
NTR 535 Nutrigenomics (3)
NTR 537 Evidence-based Nutrition (3)
NTR 551 Geriatric Nutrition (3)
NTR 555 Nutrition and the Athlete (3)
NTR 598 Special Topics (3)

Research (3 credit hours)
NTR 500 Research Methods (3)

Open Electives (9 credit hours)

Culminating Experience (6 credit hours)
NTR 593 Applied Project (6)

Additional Curriculum Information
Students may take three additional courses from the concentration area to fulfill the open electives requirement. Other graduate courses may be applied toward open electives with program approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must be a registered dietitian nutritionist or have completed an accredited didactic program in dietetics, and provide either a copy of the RDN credential or the DPD verification statement with their application.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of registered dietitian status or DPD verification statement
• resume or curriculum vitae
• personal statement

• two references (one professional, one academic or professional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants with RDN certification need to submit proof of registered dietitian status by accessing the Commission on Dietetic Registration's website (https://www.cdrnet.org (https://www.cdrnet.org)) and complete the verification process using the online credential verification search. Applicants have who completed an accredited DPD need to provide a DPD verification statement with their application.

A personal statement of one or two pages (typed, double spaced) is required and must address the following:
• significant professional responsibilities the applicant has held
• professional goals and reasons for desiring to enroll in this program
• strengths that will help the applicant succeed in this program and in reaching their professional goals
• personal interests in research, including, if applicable, studies involving the practice of dietetics

Contact information for the two references is required. References are contacted via email to respond to a series of questions about the applicant. At least one reference must be an employer or supervisor.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-nutritional-science-dietetics/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to evaluate scientific research using appropriate design and ethical principles.
Graduates will be able to create public health recommendations on health and disease for populations and individuals, using evidence-based nutrition research.
Graduates will be able to analyze data using statistical software to test a research hypothesis.

Career opportunities

Nutritional science is a vital, growing profession with many career possibilities. In this field, graduates share their knowledge of food and nutrition to help people make healthful food choices.

Settings in which food and nutrition careers can be found include:

community and public health organizations
corporations
food manufacturing industries
government agencies
hospitals and other medical facilities
long-term care facilities
nonprofit organizations

schools

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/ECNTRDMS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Nutritional Science, MS (ECHNUTMS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Master of Science program in nutritional science prepares students to translate nutritional science into practice for human health and wellness. Partnered with accomplished faculty, students immerse themselves in the latest nutrition topics and research as they develop practical understanding through internship experiences and their own guided research.

Building on the scientific foundations of human nutrition, students learn strong writing and problem-solving skills and increase their interpretive expertise. The program offers students two specialized track options in sports nutrition and maternal-child health.

The sports nutrition track enables students to specialize in exercise science and the nutritional needs of athletes. Students in this track complete classes focusing on topics such as exercise physiology, hydration, electrolyte regulation and evaluation of sports supplements.

The maternal-child health track enables students to focus their learning on promoting the health and well-being of women and children. This track includes courses on policy and advocacy, communication and ethics, leadership development, and medical nutrition therapy.

Students who have completed an accredited didactic program in dietetics may also elect to apply to the ASU dietetic internship program (https://chs.asu.edu/current-students/internships/dietetic-internship) to meet the requirements to become a registered dietitian nutritionist (https://chs.asu.edu/degree-programs/registered-dietitian).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Dietetics, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours and a thesis - Maternal Child Health Track, or
30 credit hours and a thesis - Sports Nutrition Track, or
30 credit hours including the required applied project course (NTR 593)

Required Core (3 credit hours)
EXW 501 Research Statistics (3) or
NTR 502 Statistics in Research (3)

Restricted Electives (9 or 12 credit hours)

Open Electives or Required Track Courses (6 or 9 credit hours)

Research (3 credit hours)
NTR 500 Research Methods (3)

Culminating Experience (6 credit hours)
NTR 593 Applied Project (6) or
NTR 599 Thesis (6)

Additional Curriculum Information
Tracks in sports nutrition and maternal-child health are available. Students should contact the academic unit for more information on track requirements and a list of approved elective courses.

This degree program may be pursued concurrently with the Arizona State University Dietetic Internship (https://chs.asu.edu/current-students/internships/dietetic-internship) (MS-DI or MS-VA). Students must apply and be accepted to both the MS degree program and the internship program. Students who pursue the Veterans Affairs (MS-VA) Dietetic Internship are not eligible to pursue a track within the degree, but they may work with program faculty members to tailor electives to their interests and career goals.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree (nutrition or science is recommended) from a regionally accredited institution. Students who are pursuing the MS in nutritional science need to complete the following prerequisites: anatomy and physiology, biochemistry, general chemistry with lab, general nutrition for majors, organic chemistry with lab, and statistics.

If an applicant has completed a didactic program in dietetics (frequently termed a DPD), these prerequisites are considered complete. Prerequisite courses can be in progress when the student submits the application; however, if the student is accepted to the MS degree program, all prerequisites must be completed before the program begins in the fall semester.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• personal statement
• three references (academic or professional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should include the following:
• a description of the applicant's significant professional responsibilities
• the applicant's professional goals and the reasons they wish to enroll in ASU's program
• the applicant's strengths that will enable their success in the program and in reaching their professional goals
• the applicant's personal research interests, described as specifically as possible and including any previous research experience, along with indication of any interest in being considered for the optional track in sports nutrition or maternal-child health

Contact information of three references is required. References are contacted via email to submit a letter of recommendation. At least one reference must be from an instructor at the applicant's undergraduate institution.

Finalists may be invited by the program to an interview.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Integrate knowledge of research design that incorporates ethical conduct in nutrition research studies.
Apply statistical methodology in nutrition research.
Interpret an emerging issue as it relates to advanced practice nutrition science.

Career opportunities

Nutritional science applies the principles of food and nutrition to health. It is a vital, growing profession with many career possibilities. In this field, graduates share their knowledge of food and nutrition to help people make healthful food choices.

Graduates have gone on to:

apply to medical and professional school to become medical doctors, physician assistants, pharmacists, dentists and other medical professions
become registered dietitian nutritionists
pursue academic doctorates

Industries that graduates can work in include:

community and public health organizations
corporations
food manufacturing industries

government agencies
hospitals and other medical facilities
long-term care facilities
nonprofit organizations
schools

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/ECHNUTMS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Population Health, MS (NHPOPHLMS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Master of Science program in population health combines multiple disciplines to prepare students to understand the complex factors that affect the health and well-being of populations.

The program addresses the interaction between health systems and other sectors of society to affect population health outcomes, including governmental, nonprofit and nongovernmental organizations; media; and academia.

The curriculum includes a strong repertoire of systems science, quantitative and qualitative research methods, epidemiology and biostatistics, and ethics courses, together with applied experience.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis, or
30 credit hours including the required applied project course (POP 593)

Required Core (15 credit hours)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
POP 575 Social Determinants of Population Health (3)
POP 605 Population Health Systems Science and Theory (3)
POP 633 Population Health Ethics (3)

POP 644 Epidemiology in Population Health (3)

Research (3 credit hours)
POP 641 Qualitative Research Methods (3)

Other Requirements (0 or 3 credit hours)
POP 584 Internship (3)

Electives (6 or 9 credit hours)

Culminating Experience (0 or 6 credit hours)
POP 593 Applied Project (3) or
POP 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
This program has three culminating experience options: a thesis, an applied project or a portfolio with the completion of an internship. Students who select the thesis option enroll in POP 599 for six credit hours and complete six credit hours of electives. Students who select the applied project option enroll in POP 593 for three credit hours and complete nine credit hours of electives. Students who select the portfolio with internship option must identify an internship site and complete three credits of POP 584, prepare a portfolio and complete nine credits of electives. Electives should be selected in consultation with program faculty.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a relevant health or related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two references (academic or professional)
• personal statement
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Before starting the program, applicants are expected to have completed a statistics course (e.g., HCD 300, STP 226 or PSY 230).

A personal statement (one to two pages, single-spaced) must be submitted describing the applicant's knowledge, skills,

experience and goals related to the population health field.

Contact information of two references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant. References should be professional and academic sources familiar with your potential to be successful in the field of population health.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The population health master's degree prepares graduates for careers in:

county and state health departments
national governmental health organizations
nongovernmental organizations
nonprofits

In these roles, graduates are especially well-suited to conduct assessments and data-driven analyses to contribute to policy-making or strategic planning affecting entire populations. Potential positions include:

director of population health
lead population health analyst, including informatics or data analysis
lecturer in schools of public or population health
manager of wellness strategy, communications or integration
population, public, environmental or behavioral health program director, manager, coordinator or specialist
public health program coordinator or manager

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Graduates from this program are eligible to sit for the Certified in Public Health exam upon graduation and completion of three years of relevant work experience. More information on the credential is available on the National Board of Public Health website. https://www.nbphe.org/certified-in-public-health/cph-eligibility-requirements/ (https://www.nbphe.org/certified-in-public-health/cph-eligibility-requirements/)

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHPOPHLMS/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Population Health, PHD (NHPOPHLPHD)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Doctor of Philosophy program in population health brings together multiple disciplines, illustrating the complex underlying factors that affect the health and well-being of populations.

The program addresses the interaction between public health and health care systems and other sectors of society --- including the private sector, government, nonprofit and academia --- to affect the health outcomes of entire populations.

Students personalize their program of study by completing courses from one of five tracks:

• complex adaptive systems: teaches students about theory, principles, models and techniques used to analyze complex systems and data as applied to population health
• dissemination and implementation science: trains students to identify, translate and implement research that enable rapid dissemination of evidence
• health equity: trains doctoral students to conduct empathetic research, incorporating the lived experience of populations vulnerable to health disparities into applied research
• health services research and policy: enables students to examine access to and use of health care services, costs, quality and safety of care, health care delivery models, organization, financing and outcomes of health care
• urban environments for health: prepares students to meet challenges from an evidence-based and transdisciplinary environmental perspective

Required courses reinforce a strong repertoire of systems science, quantitative and qualitative research methods, ethics, epidemiology and biostatistics. The program offers applied experience through a practicum as well as opportunities to engage in novel research on population health through a dissertation.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation - Complex Adaptive Systems Track, or
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation - Dissemination and Implementation Science Track, or
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation - Health Equity Track, or
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation - Health Services Research and Policy Track, or
84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation - Urban Environments for Health Track

Required Core (15 credit hours)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
EXW 645 Advanced Applied Methods and Data Analysis (3)
POP 605 Population Health Systems Science and Theory (3)
POP 633 Population Health Ethics (3)
POP 641 Qualitative Research Methods (3)

Track (15 credit hours)

Electives (30 credit hours)

Research (6 credit hours)
EXW 700 Research Methods (3)
EXW 701 Scientific Grant Writing (3)

Other Requirement (6 credit hours)
POP 591 Seminar: Evaluating the Population Health Literature (3)
POP 780 Practicum (3)

Culminating Experience (12 credit hours)
POP 799 Dissertation (12)

Additional Curriculum Information
Students select from tracks in complex adaptive systems, dissemination and implementation science, health equity, health services research and policy or urban environments for health.

Students entering the doctoral program with a master's degree in a related discipline may count up to 30 credit hours from the master's degree toward the total credit hours, with program approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or a master's degree in any field from a regionally accredited institution. Preference is given to applicants who completed a data-based research thesis during their master's degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• three references (academic or professional)
• writing sample (six to ten pages)
• oral interview (via videoconference)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

All applicants must have completed an undergraduate or graduate-level course in epidemiology (e.g., EXW 642, HEP 444 or NTR 557) and a graduate-level research statistics course (e.g., EXW 501 or NTR 502).

It is expected that students admitted to the program have documented academic training and a strong interest in public health, health care or population health. Thus, depending on the student's academic training, background, scholarly interests and focus area, they may be asked to take additional courses prior to or concurrently with graduate course enrollment.

The personal statement should indicate research or scholarly interest, primary program area, statement of career goals and the name of one or more potential faculty mentors from within the program. Applicants are strongly encouraged to contact one or more possible mentors to discuss their research interests prior to submitting their application.

Contact information for three references is required. References are contacted via email to submit a letter of

recommendation and respond to a series of questions about the applicant. References must be academic or professional sources who are familiar with the applicant's potential to be successful in the field of population health.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Students are strongly encouraged to pursue postdoctoral research opportunities upon graduation.

Graduates of this interdisciplinary program are prepared to become:

executives or analysts in private industry, such as health IT startups or medical device, biotechnology, health insurance or health care delivery organizations
faculty at research-intensive universities in schools of population health, public health, medicine or health sciences
leaders and directors of health in local, state and federal government agencies
program directors and officers for global health organizations, such as the World Health Organization or the World Bank
program directors and officers of local and national nongovernmental foundations such as the American Cancer Society or the American Diabetes Association
research or policy analysts at federal health agencies, such as the National Institutes of Health or the Centers for Disease Control and Prevention

Career examples include:

entrepreneur
epidemiologist
global health professional
health information manager or director
health scientist
population health analyst or manager
postsecondary public health teacher
professor
public health consultant or policy advisor
research scientist

Contact information

College of Health Solutions | HLTHN 401
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHPOPHLPHD/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Science of Health Care Delivery (Certificate), Certificate (NHHCDGRCT)

College/School: College of Health Solutions

Campus: Online

Program description

In the online, self-paced certificate program in science of health care delivery, students acquire a foundation in the functions and features of health care systems, enabling them to address the current and future needs of the workforce in the health care industry.

Students can choose coursework from three focus areas:

• health policy and advocacy
• health systems management
• performance improvement in health care

Credits earned from this certificate program may be applied to the Master of Science program in health care administration and policy (https://degrees.apps.asu.edu/masters-phd/major/ASU00/NHSHCDMS/science-of-health-care-delivery-ms) for students interested in furthering their knowledge in this field.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
HCD 502 Foundations of U.S. Health Systems and Design (3)
HCD 511 Health Economics and Policy (3)
HCD 575 Health Care Transformation and Leadership (3)

Focus Area (6 credit hours)

Additional Curriculum Information
Students select two courses (six credit hours) from any of the following focus areas: health policy and advocacy, health systems management, and performance improvement in health care. Students should contact the academic unit for a list of approved focus area courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. The following disciplines are preferred: business or law (health care and business administration, economics, finance or law); engineering (biomedical engineering); general science (biology or physiology); a health-related field (nursing, health policy or public health); or math or computer science (statistics or computer science).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• one reference (academic or professional)
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after obtaining the certificate, how the program will help them achieve their goals, what their career aspirations are, and what interested the applicant in the program.

Contact information for one reference is required. The reference is contacted via email to submit a letter of recommendation. The reference must be an academic or professional source; recommendations from friends or relatives are not accepted.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-science-health-care-delivery/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Integrate leadership and management skills and principles to facilitate the interdisciplinary delivery of patient-centered health care.
Create a comprehensive plan to redesign care delivery to address a current health care delivery systems challenge.

Career opportunities

Graduates who complete this program have specialized knowledge in a competitive industry, giving them an edge in the job market.

The skills and knowledge gained in this innovative certificate program are relevant to:

C-suite executives and administrators
frontline staff (respiratory therapists, occupational therapists, physical therapists and dietitians)
health care providers (physicians, physician assistants, nurse practitioners and nurses)
students in health-related disciplines

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHHCDGRCT/graduate/false/91415
CHSGrad@asu.edu
602-496-3300

Speech and Hearing Science (Auditory and Language Neuroscience), PHD (NHSHSALPHD)

College/School: College of Health Solutions

Campus: Tempe

Program description

The Doctor of Philosophy program in speech and hearing science with a concentration in auditory and language neuroscience enables students to develop a strong foundation in basic and applied neuroscience, conduct impactful research related to healthy auditory and language abilities, and explore the neural bases of communication disorders. This program's expert faculty are in a distinct position to provide an integrated training experience because of their focus on innovative, next-generation approaches to the field of speech, language and hearing science, such as neuroimaging techniques and neuromodulation.

Faculty backgrounds include engineering, neuroscience and psychology. Within Arizona State University, rich collaborations exist between the College of Health Solutions, the School of Life Sciences, the Ira A. Fulton Schools of Engineering, the Biodesign Institute and the Department of Psychology, enabling students to take advantage of faculty's mastery in each area. There are additional strong research and clinical relationships between ASU and Barrow Neurological Institute, Mayo Clinic and Banner Alzheimer's Institute, resulting in faculty expertise in speech-language pathology and auditory neural prosthetics.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (2 credit hours)
SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)
SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Concentration (9 credit hours)

Research (21 credit hours)
SHS 792 Research (12)
research methods and statistics (9)

Electives or Additional Research (28 credit hours)

Other Requirements (12 credit hours)
professional seminars (12)
preliminary exam (0)
comprehensive exams (0)

Culminating Experience (12 credit hours)
SHS 799 Dissertation (12)

Additional Curriculum Information
Students entering the doctoral program with a master's degree in a related discipline may count up to 28 credit hours from the master's degree toward the total credit hours, with program approval.

In collaboration with faculty, students select concentration courses from a restricted list that focuses on issues related to auditory and language neuroscience, particularly the molecular, structural and anatomical aspects.

The preliminary exam research project must be within the field of auditory or language neuroscience. This formal research experience during the first three semesters of the program provides students with a jump start into research, preparing them for their subsequent dissertation research.

Before commencing dissertation research, the student must pass written and oral comprehensive examinations covering their field of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of undergraduate and graduate study
• personal statement
• three references (academic or professional)
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement, typically one to two double-spaced pages, should address the student's motivation to pursue the PhD degree, include evidence of potential to succeed in a research-intensive doctoral program, and describe goals for the future. Examples of evidence of potential to succeed include technical skills, clinical experiences, and research achievements and interests. The statement should also identify a specific faculty member with whom the student would like to work.

An optional writing sample (6 to 10 pages) may be submitted with the program application. Writing samples include publications, research manuscripts or a piece of academic writing.

Contact information for three references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant. References should be individuals who can speak to at least one of the following: the applicant's academic performance, clinical performance or potential to succeed in a research-intensive doctoral program. References are typically faculty, clinical or research supervisors. If the applicant has spent some time away from a research or academic environment, it is still recommended that they include references from those previous experiences, in addition to a more recent clinical or research supervisor.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students completing the Doctor of Philosophy in speech and hearing science with a concentration in auditory and language neuroscience will be able to develop curriculum and instruct in key knowledge areas within the fields of auditory and language neuroscience.
Students completing the Doctor of Philosophy in speech and hearing science with a concentration in auditory and language neuroscience will engage with scholars in academic and professional settings.
Students completing the Doctor of Philosophy in speech and hearing science with a concentration in auditory and language neuroscience will master the key concepts related to research in the field at an advanced level.

Career opportunities

Doctoral-level scientists in the field of speech and hearing science are well situated to pursue opportunities in which they can lead independent research programs as university professors or research scientists in the private or public sector.

There is a particular need for doctorate-prepared individuals with speech-language pathology or audiology backgrounds in tenure-track academic positions.

Career examples include:

medical science liaison
professor or community college teaching faculty
program officer in a nonprofit or government agency
research scientist in a for-profit or nonprofit entity

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHSHSALPHD/graduate/false/91415
chsgrad@asu.edu
602-496-3300
Admission deadlines (https://chs.asu.edu/degree-programs/speech-and-hearing-science)

Speech and Hearing Science (Translational Genetics of Communication Abilities), PHD (NHSHSTGPHD)

College/School: College of Health Solutions

Campus: Tempe

Program description

The Doctor of Philosophy program in speech and hearing science with a concentration in translational genetics of communication abilities provides doctoral students with training in an innovative approach to the clinical sciences that has been pioneered at ASU. In this approach, the concepts of precision medicine are applied to all disciplines within communication sciences and disorders.

Students receive training in molecular genetics and bioinformatics, which equips them to investigate the interactions among genetic, brain-based and behavioral traits. Prior training in genetics is not required. Knowledge of genotype-phenotype associations provides the foundation for the translational components of this program:

• early identification and intervention
• individualized management
• interprofessional approaches

Students have the option to focus primarily on basic sciences aspects or clinical translations, or to explore both.

This program leverages strong research and clinical expertise at the College of Health Solutions across clinical linguistics and its expertise in the biosciences and translational clinical sciences. Collaborating units at ASU include the Biodesign Institute, the School of Life Sciences and many subspecialty areas, such as bioinformatics and psychology.

Students in this doctoral program are taught the skills to discover and understand networks of genotype-phenotype associations and to contribute to more effective clinical management of communication disorders using preventive, targeted and interprofessional methods.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (2 credit hours)
SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)
SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Concentration (9 credit hours)

Research (21 credit hours)
SHS 792 Research (12)
research methods and statistics (9)

Electives or Additional Research (28 credit hours)

Other Requirements (12 credit hours)
professional seminars (12)
preliminary exam (0)
comprehensive exams (0)

Culminating Experience (12 credit hours)
SHS 799 Dissertation (12)

Additional Curriculum Information
Students entering the doctoral program with a master's degree in a related discipline may count up to 28 credit hours from the master's degree toward the total credit hours, with program approval.

Concentration coursework focuses on issues related to translational genetics and is selected in collaboration with faculty. All doctoral graduates with this concentration are required to have foundational knowledge in genetics. Students must fulfill teaching, grant writing, presentations and career development competencies through the professional seminars requirement.

The preliminary exam research project is to be within the field of translational genetics of communication abilities. This formal research experience during the first three semesters of the program provides students with a jump start into research, preparing the student for their subsequent dissertation.

Prior to commencing dissertation research, the student must pass written and oral comprehensive examinations covering their field of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• three references (academic or professional)
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement, typically one to two double-spaced pages, should include an explanation of the student's motivation to pursue a PhD, evidence of potential to succeed in a research-intensive doctoral program, and goals for the future. Examples of evidence of potential to succeed include technical skills, clinical experiences, and research achievements and interests. The statement should also identify a specific faculty mentor with whom the student would like to work.

An optional writing sample (six to ten pages) may be submitted with the program application. Writing samples include publications, research manuscripts or a piece of academic writing.

Contact information of three references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant. References should be individuals who can speak to one or more of the following: academic performance, clinical performance or potential to succeed in a research-intensive doctoral program. They are typically faculty, clinical or research supervisors. If the applicant has spent some time away from research or academia, it is still recommended that they include references from experiences that preceded their absence, in addition to a more recent clinical or research supervisor.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Doctoral-level scientists in the field of speech and hearing science are well situated to pursue positions in which they can lead independent research programs, such as a university professor or research scientist in the private or public sector.

There is a particular need for doctorate-level scientists with speech-language pathology or audiology backgrounds in tenure-track academic positions.

Career examples include:

medical science liaison
professor or community college teaching faculty
program officer in a nonprofit or government agency
research scientist in for-profit or nonprofit entities

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHSHSTGPHD/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Speech and Hearing Science, PHD (LAHEARPHD)

College/School: College of Health Solutions

Campus: Tempe

Program description

The Doctor of Philosophy program in speech and hearing science is an interdisciplinary program that trains scholars in basic and applied research in the fields of speech, language, literacy and hearing sciences.

Students develop a strong foundation to conduct impactful research by pursuing an individualized program with the unifying theme of human communication and disorders.

The program faculty members are in a distinct position to provide integrated training experience due to their innovative approaches to the field. Faculty members' backgrounds include expertise in speech-language pathology and auditory neural prosthetics with distinctions in education, psychology, engineering, neuroscience and health care.

Students in this program may tailor their courses to their specific interests under the guidance of their faculty committee. This doctoral program is also available with concentrations in auditory and language neuroscience (https://degrees.apps.asu.edu/masters-phd/major/ASU00/NHSHSALPHD/speech-and-hearing-science-auditory-and-language-neuroscience-phd) and translational genetics of communication abilities (https://degrees.apps.asu.edu/masters-phd/major/ASU00/NHSHSTGPHD/speech-and-hearing-science-translational-genetics-of-communication-abilities-phd).

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (2 credit hours)
SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)
SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Focused Electives (9 credit hours)

Research (21 credit hours)
SHS 792 Research (12)
research methods and statistics (9)

Electives or Additional Research (28 credit hours)

Other Requirements (12 credit hours)
professional seminars (12)
preliminary exam (0)
comprehensive exams (0)

Culminating Experience (12 credit hours)
SHS 799 Dissertation (12)

Additional Curriculum Information
Students entering the doctoral program with a master's degree in a related discipline may count up to 28 credit hours from the master's degree toward the total credit hours, with program approval.

Under guidance of a faculty mentor and supervisory committee, students complete 12 credit hours of restricted elective content-area coursework within speech and hearing science and other disciplines that can be tailored to the student's research interests. Students must fulfill teaching, grant writing, presentations and career development competencies through the professional seminars requirement.

The preliminary exam research project is completed during the first three semesters of the program and provides students with a jump start into research to prepare them for the dissertation.

Before commencing dissertation research, the student must pass written and oral comprehensive examinations covering their field of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's degree in a related field and do not wish to earn a clinical master's degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of undergraduate and graduate study
• personal statement
• three references (academic or professional)
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement, typically one to two double-spaced pages, should address the student's motivation to pursue a PhD and include evidence of potential to succeed in a research-intensive doctoral program, as well as goals for the future. Examples of evidence of potential to succeed include technical skills, clinical experiences, and research achievements and interests. The statement should also identify a specific faculty mentor with whom the student would like to work.

An optional writing sample (six to 10 pages) may be substituted with the program application. Writing samples include publications, research manuscripts or a piece of academic writing.

Contact information of three references is required. References are contacted via email to submit a letter of recommendation and respond to a series of questions about the applicant. References should be individuals who can speak to one or more of the following: the applicant's academic performance, clinical performance or potential to succeed in a research-intensive doctoral program. References are typically faculty members, clinical or research supervisors. If the applicant has spent some time away from a research or academic environment, it is still recommended that they include references from previous experiences, in addition to a more recent clinical or research supervisor.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Upon graduation from the Doctorate of Philosophy in speech and hearing science, students will be able to develop curriculum and instruct in key knowledge areas in their particular area of expertise within speech and hearing science.
Students completing the Doctor of Philosophy in speech and hearing science will engage with scholars in academic and professional settings.
Students completing the Doctor of Philosophy in speech and hearing science will master the key concepts related to research in the field at an advanced level.

Career opportunities

Doctoral-level scientists in the field of speech and hearing science are well situated to pursue a position in which they can lead an independent research program, such as university professor, or research scientist in the private or public sector.

There is a particular need for doctoral-level scientists with speech-language pathology or audiology backgrounds in tenure-track academic positions.

Graduates are also prepared for careers in industry or health care environments.

Career examples include:

medical science liaison
professor or community college teaching faculty
program officer in a nonprofit or government agency
research scientist in a for-profit or nonprofit entity

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/masters-degrees-phds/majorinfo/LAHEARPHD/graduate/false/91415

chsgrad@asu.edu
602-496-3300

Strength and Conditioning, MS (NHSTRCDMS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

In the Master of Science program in strength and conditioning, students focus on specialized knowledge of human physiology and movement mechanics to optimize the physical abilities of active groups, including athletic and tactical populations, and to prevent injury-related problems.

Required courses address advances in health and performance monitoring, how to design successful exercise and recovery programs for maximum physical performance, and coaching strategies that motivate increased individual effort in sport or tactical work.

Students gain practical experience that hones their coaching skills and refines their ability to motivate individuals to achieve the increased workloads that are necessary for performance improvement.

The MS program is currently seeking accreditation from the Council on Accreditation of Strength and Conditioning Education.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a written exam

Required Core (24 credit hours)
KIN 520 Applied Sport Psychology (3)
KIN 530 Exercise and Sport Physiology (3)
KIN 540 Sport Biomechanics (3)
NTR 555 Nutrition and the Athlete (3)
SSP 501 Data Collection, Analysis and Interpretation in Strength and Conditioning (3)
SSP 530 Advanced Performance Programming (3)
SSP 534 Measurement and Monitoring in Sport and Fitness (3)
SSP 560 Performance Sports Coaching (3)

Other Requirements (6 credit hours)
SSP 584 Internship (6)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Additional Curriculum Information
The written comprehensive exam covers the three coaching application courses SSP 530, SSP 534 and SSP 560.

The internship is a fully immersive experience during which the student works under a certified strength and conditioning specialist. Hours are spent learning all aspects of the job, including best practices for improving athletic performance.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants must have earned a bachelor's or master's degree in exercise science, kinesiology, sports science, exercise physiology, human movement, physical education or a related field from a regionally accredited institution. Applicants with a bachelor's degree in another area may apply and be considered if they can demonstrate experience in strength and conditioning.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two references (academic or professional)
• letter of intent
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

If an applicant does not have a bachelor's degree in one of the areas listed above but has strength and conditioning experience, evidence must be included in either the professional resume or the letter of intent.

All applicants must have basic competencies in human anatomy and physiology with laboratories (BIO 201 and BIO 202), exercise and sport physiology (SSP 315 and SSP 316), and applied anatomy and biomechanics of sport and movement (SSP 325).

The letter of intent should address the applicant's area of professional or scholarly interest; their professional goals; their philosophy of strength and conditioning; and relevant experience, background and training.

Contact information for two references is required. References are contacted via email to respond to a series of questions about the applicant. At least one reference should be from an academic source. One reference may be from an employer in a related field or from a coach if the applicant was previously a student-athlete.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate the skills and abilities needed of an athlete to perform in a specific sport/activity.
Create advanced strength and conditioning programs for sport or tactical (police, military, firefighter) populations to enhance performance and reduce participant's risk of injury.
Apply the appropriate coaching intervention based on their evaluation of the participant and their desired performance outcomes.

Career opportunities

This program prepares students to sit for certification examinations offered through the National Strength and Conditioning Association to become certified strength and conditioning specialists, tactical strength and conditioning facilitators, or certified performance sports scientists.

Graduates have acquired the fundamental skills not only to be a strength and conditioning coach but also to pursue a sports scientist career, a career as a tactical performance professional, or a career working with high-activity occupations (e.g., members of the military, police officers, firefighters or emergency medical technicians).

Career opportunities include these positions:

athletic trainer
exercise physiologist
fitness or wellness coordinator
fitness trainer or aerobics instructor
sports performance coach or scout
sports scientist
strength and conditioning coach

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401
https://chs.asu.edu/masters-degrees-phds/majorinfo/NHSTRCDMS/graduate/false/91415
chsgrad@asu.edu
602-496-3300

Integrative Sciences and Arts, College of

Applied Biological Sciences, MS (TSAPBIOSMS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Master of Science program in applied biological sciences offers advanced instruction in the ecology and sustainable management of natural and urban ecosystems. A rigorous program of study combines fieldwork and laboratory studies, enabling students to apply ecological and biological principles to address challenges in species and ecosystem conservation. Each program concludes with a research-based thesis or an applied project.

The program is supported by faculty members with backgrounds in:

• desert horticulture
• ecological restoration
• environmental microbiology
• environmental stress physiology
• plant-fungal ecology
• plant systematics
• riparian and stream ecology
• wildlife biology

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences (Secondary Education in Biology), BS

Applied Biological Sciences (Preveterinary Medicine), BS

Applied Biological Sciences (Natural Resource Ecology), BS

Applied Biological Sciences (Sustainable Horticulture), BS

Applied Biological Sciences, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (ABS 592 and ABS 593)

Required Core (3 credit hours)
ABS 550 Vegetation Dynamics (3) or
ABS 555 Wildlife Dynamics (3)

Electives or Research (21 credit hours)

Culminating Experience (6 credit hours)
ABS 592 Research (3) and ABS 593 Applied Project (3) or
ABS 599 Thesis (6)

Additional Curriculum Information
Students choose electives coursework that supports their educational objectives.

Students choose a thesis or applied project option. A final oral examination that covers the thesis and related subject matter is required.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• statement of intent
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants are expected to have completed 18 credit hours in biological sciences and closely related courses. Certain fields of study may have specific expectations regarding courses taken at the undergraduate level. Applicants who do not meet these course requirements may be considered for admission with additional coursework.

The statement of intent should not exceed 600 words and should explain the applicant's interest in environmental resources, as well as their academic background and educational objectives.

The letters of recommendation should be from references who are qualified to comment on the applicant's potential in the selected area of study.

Department faculty evaluate the applications and supporting materials and recommend to Admission Services whether the applicant should be granted admission, either regular or provisional, or denied admission. If admission is provisional, the Graduate College specifies in its letter of admission the provisions that must be met for the student to gain regular status. The school informs successful applicants of the procedures for enrollment.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in the study of evolution, natural history, and the conservation of plants and animals are increasingly sought-after across various sectors, including governmental organizations at the county and state levels, as well as in community management roles. Those who have skills in laboratory techniques, field research and data analysis are particularly valuable to businesses and institutions that aim to forge strong connections within leading scientific and technological industries. These professionals contribute to the development of innovative solutions for complex global challenges in a technology-driven landscape.

A background in biology can facilitate a diverse array of career paths, encompassing research, education, health care and policy development. As the demand for knowledgeable individuals in these areas continues to grow, the relevance of biological expertise in addressing contemporary issues becomes increasingly pronounced.

Career examples include:

- animal scientist
- biologist
- fish and wildlife biologist
- medical scientist
- natural science manager
- postsecondary biological science teacher

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Counseling (School Counseling), MC (LSCOUNSCMC)

College/School: College of Integrative Sciences and Arts

Campus: Tempe

Program description

The mission of the school counseling concentration within the Master of Counseling program is to prepare students to work with school-age youth in K--12 settings as a school counselor, addressing academic and socioemotional concerns. Graduates of this program hold a School Counselor, PreK--12 Certificate issued by the Arizona Department of Education and become eligible to hold a license in mental health counseling, applied for through the Arizona Board of Behavioral Health Examiners.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and a written comprehensive exam

Required Core (39 credit hours)
CED 501 Research Evaluation and Data Analysis (3)
CED 522 Theories of Counseling and Psychotherapy (3)
CED 523 Psychological Tests (3)
CED 529 Lifespan Human Development (3)
CED 534 Occupations and Careers (3)
CED 545 Assessment and Diagnosis (3)
CED 567 Group Dynamics and Counseling (3)
CED 576 Foundations of Counseling (Counseling Skills I) (3)
CED 577 Foundations of Counseling (Counseling Skills II) (3)
CED 645 Professional Issues and Ethics (3)
CED 671 Multicultural Counseling (3)
CED 672 Couple and Family Counseling (3)
CPY 673 Trauma in Counseling (3)

Concentration (9 credit hours)
CED 510 Introduction to School Counseling (3)
CED 511 Career Development and Advanced Educational Planning (3)
CPY 691 Topic: Counseling Children and Adolescents (3)

Electives (3 credit hours)

Other Requirements (9 credit hours)
CED 680 Practicum: Clinic (3)
CED 684 Internship: Internship in School Counseling (6)

Culminating Experience (0 credit hours)
written comprehensive exam (0)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• personal statement
• video submission
• two-to-three personalized letters of recommendation
• resume
• official transcripts
• proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

As part of the review process, a video submission is required in addition to the application materials in order to be considered for the Master of Counseling program. Applicants should see the program website for video submission instructions.

Nonacademic, Professional or Life Experiences: Applicants are required to submit a two-to-three-page personal statement (12pt.Times New Roman font with 1" margin, double-spaced) that indicates their qualifications (e.g., professional experiences and personal attributes) and interest in ASU's Master of Counseling program. Specifically, applicants are asked to describe their education and training, as well as volunteer and professional experiences, and explain why they want to pursue the Master of Counseling degree. They also should outline how the program will help them meet their future goals. Applicants are expected to discuss their ability to work with and be sensitive to the needs of a multicultural and diverse society, including members of diverse racial and ethnic groups and sexual minority individuals.

If an applicant's cumulative GPA is lower than 3.00 (scale is 4.00 = "A"), the program recommends the applicant explain within the personal statement how their prior academic difficulties would be overcome in graduate school.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply reflective counseling skills in clinical mental health treatment practice through mock sessions and supervised site experience.
- Apply multicultural and diversity concepts to therapeutic client practice through case studies and supervised site experience.
- Implement school-based programming through an assessment project in culminating portfolio.

Career opportunities

Graduates are eligible to work in a variety of school systems (public, private and charter schools) and can provide consultation and counseling services to school systems. This degree can also lead to school-based administrative positions. Graduates with this concentration, using their skill sets in both counseling and administration, are eligible for employment in a variety of settings (e.g., schools, mental health agencies and practices, and consultant agencies) and in varied roles.

Career examples include:

- mental health clinician
- mental health counselor
- school administrator
- school counselor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.This program leads to professional licensure in mental health counseling and a School Counselor, PreK--12 Certificate.

Contact information

School of Counseling and Counseling Psychology | EDB 446
https://cisa.asu.edu/sccp
ccp@asu.edu
480-727-1526
Admission deadlines (https://cisa.asu.edu/sccp/counseling-mc-on-campus/requirements)

Counseling Psychology, PHD (EDCPSYPHD)

College/School: College of Integrative Sciences and Arts

Campus: Tempe

Program description

This American Psychological Association-accredited Doctorate of Philosophy program in counseling psychology adheres closely to the scientist-practitioner training model in preparing graduates for employment in academic and clinical settings.

Although faculty interests are diverse, there is a common emphasis on using empirical data as the basis for culturally-responsive professional practice. The program boasts a strong commitment to diversity, equity and inclusion as evidenced in course offerings, clinical training, professional development activities and research foci.

Faculty research foci include the following:

• acculturative stress
• cultural socialization
• LGBTQ+ mental health
• mental health disparities
• microaggressions
• psychotherapy process and outcome
• retention in graduate education
• social and personal relationships
• socioeconomic status and financial stress
• trans and nonbinary minority stress and resilience

Students enjoy exceptional clinical opportunities including placement in local hospitals, university and college counseling centers, community agencies and assessment sites. The program's state-of-the-art Counselor Training Center provides practicum experiences with campus and community clients as well as clinical supervision experiences. The center supports three complementary functions: clinical service provision, high-quality training, and innovative process and outcome research.

STEM-OPT extension eligible: No

Degree requirements

112 credit hours, a written comprehensive exam, a prospectus and a dissertation

Counseling Essentials Core Area (27 credit hours)
CED 522 Theories of Counseling and Psychotherapy (3)
CED 523 Psychological Tests (3)
CED 534 Occupations and Careers (3)
CED 545 Assessment and Diagnosis (3)
CED 567 Group Dynamics and Counseling (3)
CED 576 Foundations of Counseling (Counseling Skills I) (3)
CED 577 Foundations of Counseling (Counseling Skills II) (3)

CPY 645 Professional Issues and Ethics (3)
CPY 671 Multicultural Counseling (3)

General Psychology Core Area (15 credit hours)
CED 529 Lifespan Human Development (3)
CPY 654 Biobases of Behavior (3)
CPY 672 Advanced Aspects of Cognitive and Affective Psychology (3)
CPY 676 Social Bases of Behavior (3)
CPY 679 History and Systems of Psychology (3)

Empirical Foundations Core Area (12 credit hours)
COE 503 Introduction to Qualitative Research (3)
CPY 701 Science and Practice of Counseling Psychology (3)
CPY 702 Research Methods in Counseling Psychology (3)
EDP 552 Multiple Regression and Correlation Methods (3)

Clinical Sequencing (21 credit hours)
CED 680 Practicum (3)
CPY 780 Topic: Doctoral Practicum (3)
CPY 783 Fieldwork (12)
CPY 784 Internship (3)

Professional Development (4)
CPY 635 Professional Development (1)

Counseling Theory and Method (18 credit hours)
CPY 651 Personality Assessment (3)
CPY 652 Individual Intellectual Assessment (3)
CPY 660 Prevention and Consultation (3)
CPY 677 Advanced Counseling (3)
CPY 678 Supervision Theory (3)
diversity course elective (3)

Research (3 credit hours)
CPY 592 Research Topic: Pre-Dissertation Research Paper (3)
CPY 792 Research (3)

Culminating Experience (12 credit hours)
CPY 799 Dissertation (12)

Additional Curriculum Information
Students will take four semesters of CPY 635 at one credit hour per semester. For the diversity course elective in the Counseling Theory and Method coursework, students will select from a list of electives in Area 5 as provided in the Graduate Student Handbook. Research courses should be selected in consultation with your program advisor.

Students should meet with their academic advisor prior to enrolling in their research coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• a completed biographical information form
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should be single-spaced, roughly 600--800 words, and it should describe the applicant's history, academic and professional goals, and reasons for selecting the counseling psychology program at ASU.

Applicants must submit a sample of their expository writing (e.g., taken from a paper prepared for a course or a report on a project the applicant has completed in this field) not to exceed 1MB.

At least two of the recommendation letters must be from persons familiar with the applicant's academic work.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design and conduct independent research in counseling psychology.
- Apply ethical and culturally responsive clinical skills across the areas of assessment and diagnosis and counseling and helping relationships.
- Teach counseling psychology knowledge to undergraduate student audiences in their role as a teaching assistant.

Career opportunities

Graduates provide clinical services in a variety of settings, such as community agencies, hospitals, private practice and university counseling centers. They may also find employment opportunities within higher education through different academic positions.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Graduates of the counseling psychology doctoral program meet the licensure requirements of most states. Because requirements vary by state, it is recommend that students consult the licensing requirements for the state in which they intend to reside.

Contact information

School of Counseling and Counseling Psychology | EDB 446
https://cisa.asu.edu/sccp/counseling-psychology-phd
ccp@asu.edu
480-727-1526

Counseling, MC (EDCOUNMC)

College/School: College of Integrative Sciences and Arts

Campus: Tempe, Online

Program description

The Master of Counseling program in counseling is approved by the Arizona Board of Behavioral Health Examiners. https://www.azbbhe.us/node/553 (https://www.azbbhe.us/node/553)

The mission of the 60 credit hour program is to prepare students to become licensed professional counselors in Arizona and other states with comparable licensure requirements.

Students in the MC program, with its strong focus on multicultural counseling across the lifespan, learn to promote the health of individuals, families, groups and organizations in a diverse society.

Faculty research and clinical foci include:

• advocacy
• children and adolescents
• counseling process and outcome
• couple and family relationships
• crisis assessment
• culturally responsive treatment
• mental health disparities
• nonbinary stress and resilience
• play therapy

The program instills in students the importance of research in advancing the counseling profession. The crucial link between science and practice is evident in the three complementary functions of the program's state-of-the-art Counselor Training Center: clinical service provision, high-quality training, and innovative process and outcome research.

The MC program endorses the American Counseling Association's Code of Ethics and the following American Counseling Association competencies: ALGBTIC Competencies for Counseling LGBQIQA Individuals (2012), Competencies for Counseling the Multiracial Population (2015), Multicultural and Social Justice Counseling Competencies (2015), Competencies for Addressing Spiritual and Religious Issues in Counseling (2009), and Multicultural Career Counseling Competencies (2009).

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and a thesis, or
60 credit hours and a written comprehensive exam

Required Core (39 credit hours)
CED 501 Research Evaluation and Data Analysis (3)
CED 522 Theories of Counseling and Psychotherapy (3)
CED 523 Psychological Tests (3)
CED 529 Lifespan Human Development (3)
CED 534 Occupations and Careers (3)
CED 545 Assessment and Diagnosis (3)
CED 567 Group Dynamics and Counseling (3)
CED 576 Foundations of Counseling (Counseling Skills I) (3)
CED 577 Foundations of Counseling (Counseling Skills II) (3)
CED 645 Professional Issues and Ethics (3)
CED 671 Multicultural Counseling (3)
CED 672 Couple and Family Counseling (3)
CPY 673 Trauma in Counseling (3)

Electives or Research (6 or 12 credit hours)

Other Requirements (9 credit hours)
CED 680 Practicum: Clinic (3)
CED 684 Internship: Counseling (6)

Culminating Experience (0 or 6 credit hours)
CED 599 Thesis (6) or
written comprehensive exam (0)

Additional Curriculum Information
Students choose either a thesis or a written comprehensive exam. The thesis option is available for on-campus students only. The thesis option is for students who are focusing their program on research, and they take six credit hours of research coursework plus six credit hours of thesis. The written comprehensive exam is for either on-campus or online students. The written comprehensive exam is for students in the practitioner pathway, and they take 12 credit hours of elective coursework.

The clinical portion of the program comprises CED 680 Practicum: Clinic and CED 684 Internship: Counseling. These are required for all students. CPY 691 Topic: Counseling in Spanish is also offered as a clinical elective option. CED 580 Practicum Clinic and CED 584 Internship may be taken by students who need to log required clinical hours after they have completed CED 680 and CED 684. CED 580 and CED 584 are not required unless additional clinical hours are needed.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• personal statement
• video submission
• two-to-three personalized letters of recommendation
• resume
• unofficial or official transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

As part of the review process, a video submission is required in addition to the application materials in order to be considered for the MC program. Applicants should see the program website for video submission instructions.

Nonacademic, professional or life experiences: Applicants are required to submit a two- to three-page personal statement (12 pt. Times New Roman font with one-inch margin, double-spaced) that indicates their qualifications (e.g., professional experiences and personal attributes) and interest in ASU's MC program. Specifically, applicants are asked to describe how their education and training, as well as volunteer and professional experiences, explain why they want to pursue the MC degree. They also should outline how the program will help them meet their future goals. Applicants are expected to discuss their ability to work with and be sensitive to the needs of a multicultural and diverse society, including members of diverse racial and ethnic groups and sexual minority individuals.

If an applicant's cumulative GPA is lower than 3.00 (scale is 4.00 = "A"), the program recommends the applicant explain within the personal statement how their prior academic difficulties would be overcome in graduate school.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-counseling) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply theory and frameworks in clinical mental health counseling in the culminating experience as required by the Master's in Psychology and Counseling Accreditation Council (MPCAC) accrediting standards. (Practitioner track)
- Conduct independent research in mental health counseling. (Research track)
- Employ competent clinical skills across the areas of assessment, diagnosis, and counseling/helping relationships in service delivery associated with a counseling placement site.
- Examine the major cultural and diversity influences on human behavior in multimedia course projects.

Career opportunities

Graduates provide clinical services in a range of settings, such as community agencies, hospitals, private practice and university counseling centers. The program also prepares graduates who wish to pursue doctoral-level studies.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Graduates of the MC program meet the requirements for licensure as a professional counselor with the Arizona Board of Behavioral Health Examiners. Because requirements vary by state, students should consult the licensing requirements for the state in which they intend to reside.

Contact information

School of Counseling and Counseling Psychology | EDB 446
https://cisa.asu.edu/sccp
ccp@asu.edu
480-965-8733

Integrative Social Science, MS (LSISSMS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

In a rapidly evolving world, the complexities of societal issues require innovative and multifaceted solutions. The Master of Science program in integrative social science is designed for forward-thinking individuals ready to take on complex challenges. This advanced degree program merges various social science disciplines, equipping students with the skills and knowledge to address pressing global issues, such as climate change, social injustice and poverty.

Unlike traditional programs that focus on single disciplines, this program takes a holistic approach, recognizing that problems are interconnected, and diverse perspectives are required to pursue solutions. Students explore the foundations of sociology, economics and policy analysis, fostering an expansive analytical skill set.

The curriculum emphasizes both theoretical analysis and practical problem-solving. Students learn to approach issues through a multifaceted lens, integrating strategies from various fields to devise effective solutions.

Students join a vibrant, inclusive community of learners from various backgrounds. The faculty represents a wide variety of perspectives, and the program is particularly attuned to the needs of international and minority students, ensuring a rich educational experience.

Students benefit from exploring:

• creative problem-solving: developing innovative solutions by combining insights from different social sciences
• multidisciplinary perspectives: analyzing problems through the lens of multiple disciplines to gain a comprehensive understanding
• research and analysis: gaining expertise in researching complex social issues and communicating findings effectively.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Integrative Social Science, BS

Political Science, BS

Science, Technology and Society, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including a thesis, or
30 credit hours including the required applied project course (ISS 593)

Required Core (9 credit hours)
ISS 501 Advanced Integrated Social Research Methods (3)
ISS 502 Advanced Seminar in Integrated Social Science (3)
ISS 505 Multivariate Methodologies of Social Science (3)

Electives or Research (15 or 18 credit hours)

Culminating Experience (3 or 6 credit hours)
ISS 593 Applied Project (3) or
ISS 599 Thesis (6)

Additional Curriculum Information
Students choose either the thesis or the applied project option.

For elective coursework, students choose from a list of preapproved courses for a total of 15 to 18 credit hours. Other courses may be used with approval from the academic unit.

Students are highly encouraged to participate in an internship for elective coursework. An internship is a structured practical experience that follows a contract or plan supervised by faculty and practitioners. Students should contact the academic unit for a list of possible elective courses and internship opportunities.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants must have earned a bachelor's or master's degree in any social science or interdisciplinary field, such as political science, sociology, philosophy, economics, psychology, public policy administration, or a closely related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the program are distinctly positioned for success in various fields, including policy development, social research and community organization, as well as for academic pursuits. Graduates have the tools to make a meaningful impact in society, whether they enter the workforce or continue their education in a doctoral program.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Liberal Studies, MLSt (LAMLSMLS)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix, Polytechnic, Online

Program description

The Master of Liberal Studies is an advanced degree program that situates knowledge and know-how at the intersections of culture, community and profession. Its emphasis on integrative knowledge and cross-disciplinary approach cultivates students' capacity to see and understand the complex reality of societal problems and navigate challenges across cultural, professional and personal contexts. Communication, holistic analysis, perspective-taking and research are featured aspects of all core courses.

A distinct aspect of the program is the customization of learning. Working closely with faculty advisors, MLSt students build the majority of their program by choosing from a wide-ranging list of elective courses that best meet their interests and needs. With courses from across the humanities, social sciences, arts and natural sciences, this program prepares students to become master learners and problem-solvers. The program culminates in an applied learning experience under the guidance of a seasoned faculty member.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, BA

History, BA

Liberal Studies, BA

Interdisciplinary Studies (Organizational Studies), BA

Organizational Leadership, BA

Interdisciplinary Studies, BA

Organizational Leadership (Project Management), BA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project courses (MLS 582 and MLS 593)

Required Core (9 credit hours)
MLS 510 Communicating in Complex Cultural Environments (3)
MLS 511 Advanced Liberal Studies and Worlds of Possibility (3)
MLS 512 Exploring and Expressing Ideas (3)

Electives (15 credit hours)

Culminating Experience (6 credit hours)
MLS 582 Applied Project Plan (3)
MLS 593 Applied Project (3)

Additional Curriculum Information
Featuring courses from English, film and media studies and art, this program prepares students to become master learners across a wide variety of cultural and social contexts. Electives are chosen in conjunction with graduate advisors.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a letter of interest in the program
• a resume, biographical statement or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-liberal-studies/) for program descriptions and to request more information.

Career opportunities

Professionals with excellent critical problem-solving and communication skills are in high demand across sectors and industries, including business, media, entertainment, politics and community organizations. Skills in communication, creative practice, and the collection and critical analysis of data for the development of impactful content are valuable to businesses, nonprofit sectors and institutions that rely on relevant strategies to engage and serve diverse audiences.

Career examples include:

- archivist
- business manager of artists, performers and athletes
- market research analyst
- public relations specialist
- writer or creative writer

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/mls
SASAGrad@asu.edu
480-727-1526

Narrative Studies, MA (LSNRSMA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Master of Arts program in narrative studies is a comprehensive program that explores narrative and storytelling across a range of cultures and historical periods.

With curriculum emphasis on teaching and research, students study the structural, social, cultural, rhetorical and historical aspects of narrative and storytelling in texts, film and other media.

Graduates are primed for critical and eloquent engagement with the world beyond the university.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (ENG 597)

Required Core (12 credit hours)
ENG 503 History of Narrative (3)
ENG 509 Studies in Narrative Writing (3)
ENG 512 Narrating the Archives (3)
ENG 520 Visual Narratives (3)

Electives or Research (15 credit hours)
COM 510 Transmedia Narratives (3)
ENG 505 Narrative Research Methods (3)
ENG 509 Studies in Narrative Writing (3)

ENG 514 Studies in Experimental Narrative (3)
ENG 516 Literary Publishing (3)
ENG 518 Scientific Narratives (3)
ENF 521 Writing the Southwest (3)
ENG 522 Narratives of Conquest (3)
ENG 583 Methods of Teaching Secondary Literature and Language (3)
ENG 584 Internship (1-12)
ENG 590 Reading and Conference (1-12)
ENG 598 Special Topics (1-4)

Culminating Experience (3 credit hours)
ENG 597 Graduate Capstone Seminar (3)

Additional Curriculum Information
Students choose five courses from a restricted list for a total of 15 credit hours. Other courses (ENG, COM, FMS, HST or appropriate field) may be utilized for up to six credit hours with approval from the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university in a related field such as English or any humanities discipline.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written letter of intent that includes a detailed statement of purpose
• portfolio of at least three documents
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The portfolio must include at least three documents that demonstrate the applicant's ability to write in a variety of genres. Portfolio documents can include both academic and professional writing for a range of audiences and purposes. At least one of the documents must be a sample of academic writing. One of the three documents can be a sample of creative writing. The portfolio should be 15 to 30 total pages in length. The writing samples in the portfolio are evaluated using a rubric that considers several criteria, including intellectual focus, strength of argument and documentation, awareness of audience, organization, clarity, mechanical soundness and overall effectiveness.

The letters of recommendation should be either academic or professional and speak to the background and capabilities of the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are equally prepared to become candidates for further academic studies, to advance their careers as area educators in the language arts, and to step into one of the many professions that value creativity, critical thinking and highly skilled communication, including teaching, writing, online publishing and editing.

Professionals with expertise in narrative are in high demand across many sectors and industries, including publishing, media, entertainment, marketing and politics. Skills in crafting and interpreting narratives are valuable to businesses and institutions that communicate, entertain and educate.

Career examples include:

- copy writer
- creative writer
- editor
- freelance writer
- high school teacher

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
SASAGrad@asu.edu
480-965-1970

Organizational Leadership (Certificate), Certificate (LSORGLGRCT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

The graduate certificate program in organizational leadership offers a theoretically and methodologically rigorous approach to studying and creating use-inspired research needed to impact organizational leadership.

Students explore areas such as organizational dynamics, institutional evolution, strategic change, leading diverse teams, collaborative governance, conflict mediation, critical problem-solving and leadership assessment, and they learn advanced methodological and statistical skills.

The program places special emphasis on learning best practices and other applied aspects of leading organizations. Students tailor their degree to their interests through a vast array of leadership elective courses. In consultation with a faculty advisor, students choose from many different elective courses, such as not-for-profit leadership and intercultural leadership.

Students also have the option to pursue this graduate certificate in organizational leadership and combine it with another certificate to complete the Master of Advanced Study (https://graduate.asu.edu/stackable-credentials). This pathway provides a powerful blend of practical skills and strategic insight, preparing students for career growth across diverse industries. This flexible approach not only boosts their marketability and earning potential but also positions them for leadership roles in a dynamic job market, offering a comprehensive skill set that employers highly value.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
OGL 510 Advanced Theories of Organizational Leadership (3)
OGL 520 Organizational Leadership: Social Psychological Perspectives (3)

Electives (9 credit hours)

Additional Curriculum Information
Elective courses should be selected in consultation with the student's program advisor.

A culminating experience is not required.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in project management, business or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/organizational-leadership) for program descriptions and to request more information.

Career opportunities

Professionals with skills and expertise in critical thinking, organizational social psychology, teamwork, strategic change and leadership theory are in high demand across global industries. Organizations such as governmental agencies, Fortune 500 companies and those in the nonprofit sectors look for prepared professionals with a wide array of the skills that are optimized throughout this degree program.

Career examples include:

- CEO
- college professor
- human resources manager
- market research analyst
- training and development manager

Contact information

College of Integrative Sciences and Arts | USE 138
https://cisa.asu.edu
SAPSgrad@asu.edu
480-965-1970

Organizational Leadership, MS (LSORGLMS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

The Master of Science program in organizational leadership offers a theoretically and methodologically rigorous approach to studying and creating use-inspired research needed to impact organizational leadership.

Students explore areas such as organizational dynamics, institutional evolution, strategic change, leading diverse teams, collaborative governance, conflict mediation, critical problem-solving and leadership assessment, and they learn advanced methodological and statistical skills.

The program places special emphasis on learning best practices and other applied aspects of leading organizations. Students tailor their degree to their interests through a vast array of leadership elective courses. In consultation with an advisor, students choose from many different elective courses, such as not-for-profit leadership and intercultural leadership.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, BA

History, BA

Liberal Studies, BA

Interdisciplinary Studies (Organizational Studies), BA

Organizational Leadership, BA

Interdisciplinary Studies, BA

Technological Leadership, BS

Organizational Leadership (Project Management), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about

eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours and a thesis, or
33 credit hours including the required applied project course (OGL 593)

Required Core (12 credit hours)
OGL 510 Advanced Theories of Organizational Leadership (3)
OGL 520 Organizational Leadership: Social Psychological Perspectives (3)
OGL 530 Critical Perspectives in Leadership Theory (3)
OGL 540 Evidence-based Inquiry in Organizational Leadership (3)

Required Methods Courses (6 credit hours)
OGL 550 Leading Organizational Change (3) and OGL 570 Analyzing Organizations (3); or
OGL 574 Qualitative Data Analysis in Leadership Research (3) and OGL 575 Quantitative Data Analysis in Leadership Research (3)

Restricted Electives (9 or 12 credit hours)

Culminating Experience (3 or 6 credit hours)
OGL 593 Applied Project (3)
OGL 599 Thesis (6)

Additional Curriculum Information
Students complete either an applied project or thesis for the culminating experience.

For the required methods coursework, students complete OGL 550 and 570 if in the applied project culminating experience option. Students in the thesis option complete OGL 574 and 575.

Students select three or four courses from a restricted elective list depending on the culminating experience selected. Students should see the academic unit for the approved restricted elective list.

Other courses may be used for the methods and elective coursework with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any area or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• professional resume

• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The applicant is expected to have a TOEFL score of 100 on the internet-based test, or the applicant must have a passing score in the English for Graduate Admission online course through ASU Global Launch.

All applicants must submit a written letter of intent that includes a detailed statement of purpose addressing how the program goals coincide with the student's personal and professional objectives. The essay is evaluated on the basis of content, presentation and evidence of graduate-level writing ability; the essay maximum is 500 words.

The professional resume or curriculum vitae are limited to two pages in length.

Applicants must submit two letters of reference that focus on the ability of the applicant to do academic work.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Career opportunities

Professionals with skills and expertise in critical thinking, organizational social psychology, teamwork, strategic change and leadership theory are in high demand across global industries. Organizations such as governmental agencies, Fortune 500 companies and those in the nonprofit sectors look for prepared professionals with a wide array of the skills that are optimized throughout this degree program.

Career examples include:

- CEO
- college professor
- human resource manager
- market research analyst
- training and development manager

Contact information

School of Applied Professional Studies | USE 138
https://cisa.asu.edu/organizational-leadership/ms
SAPSGrad@asu.edu
480-965-1970

Project Management (Certificate), Certificate (LSPMGGRCT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

Project managers play a pivotal role in shaping an organization's direction by overseeing complex projects from inception to completion. Their expertise helps reduce costs, maximize efficiencies and increase revenue, driving the industry forward.

Students explore multiple project management methodologies, including waterfall, agile and scrum. Each course emphasizes applied learning through case studies that involve professional projects, enabling students to apply their knowledge and develop practical solutions.

Graduates of this program are well-prepared to pursue key industry certifications, including Certified Associate in Project Management, Green Project Management and Project Management Professional Certification. For more information, students should visit the school website (https://cisa.asu.edu/project-management).

Students also have the option to pursue this graduate certificate in project management and combine it with another certificate to complete the Master of Advanced Study (https://graduate.asu.edu/stackable-credentials). This pathway provides a powerful blend of practical skills and strategic insight, preparing students for career growth across diverse industries. This flexible approach not only boosts their marketability and earning potential but also positions them for leadership roles in a dynamic job market, offering a comprehensive skill set that employers highly value.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
OGL 520 Organizational Leadership: Social Psychological Perspectives (3)
PMG 501 Project Management Theory (3)
PMG 502 The Thoughtful Project: Aligning Purpose with Approach (3)
PMG 503 Impact Analysis and Sustainability in Project Management (3)
PMG 510 Interactive Learning: Scope, Schedule and Cost Management (1)
PMG 511 Interactive Learning: Risk and Procurement Management (1)
PMG 512 Interactive Learning: Quality, Resource and Communication Management (1)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/project-management/) for program descriptions and to request more information.

Global opportunities

Global experience: Studying and interning abroad can be one of the most valuable tools for project management students. Global education programs (https://goglobal.asu.edu/) enable students to develop a valuable intercultural communication skill set and project management skills that can give them an advantage in the workforce.

Career opportunities

The graduate certificate in project management equips students with the skills needed for roles as project managers across various sectors, including public, private and nonprofit organizations. Graduates are prepared for a variety of careers such as:

- director of project management
- portfolio or project manager
- senior project manager
- technical project manager

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students who complete this graduate certificate may be eligible for the following:

Certified Associate Project Manager (https://www.pmi.org/certifications/certified-associate-capm) through the Project Management Institute
Students must have 23 hours of project management education and a secondary degree (high school diploma, associate degree or the global equivalent) to test; the 23 hours are contact hours (not credit hours). Students are eligible to sit for the CAPM following completion of this graduate certificate. Green Project Management (https://greenprojectmanagement.org/certification-and-training/certification/gpm-b-certification)
Students are required to take PMG 503: Sustainability in Project Management, which prepares them for the Green Project Management - Business test and certification. A code is provided for those learners who wish to complete this certification during the program; the test may be taken up to 12 months after the code is provided. Learners must pass the test to receive the credential. Project Management Professional (https://www.pmi.org/certifications/project-management-pmp)
This certification requires either a four-year degree and 36 months of experience leading projects within the last eight years, or a secondary education diploma (high school diploma, associate degree or the global equivalent) with 36 months of experience leading projects within the past eight years. In addition, applicants must have 35 hours of project management training to sit for this test.

Contact information

School of Applied Professional Studies | USE 138
https://cisa.asu.edu/
SAPSGrad@asu.edu
480-965-1970

Admission deadlines (https://cisa.asu.edu/project-management)

Project Management, MPM (LSPMGMPM)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

Students in the Master of Project Management program learn to plan and execute complex projects by practicing important skills, including procurement management, scope management and stakeholder management. Students gain advanced knowledge in leadership, conflict resolution and collaboration while experimenting with emerging technologies and acquiring hands-on experience managing projects in a project management office setting.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, BA

History, BA

Liberal Studies, BA

Interdisciplinary Studies (Organizational Studies), BA

Organizational Leadership, BA

Interdisciplinary Studies, BA

Organizational Leadership (Project Management), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (PMG 593)

Required Core (24 credit hours)
OGL 520 Organizational Leadership: Social Psychological Perspectives (3)
PMG 501 Project Management Theory (3)
PMG 502 The Thoughtful Project: Aligning Purpose with Approach (3)
PMG 503 Impact Analysis and Sustainability in Project Management (3)
PMG 531 Leading Integrative Teams (3)
PMG 532 Project and Program Assessment (3)
PMG 533 Stakeholder Engagement (3)
PMG 582 Developing the Plan in Project Management (3)

Interactive Learning (3 credit hours)
PMG 510 Interactive Learning: Scope, Schedule and Cost Management (1)
PMG 511 Interactive Learning: Risk and Procurement Management (1)
PMG 512 Interactive Learning: Quality, Resource and Communication Management (1)

Restricted Electives in Methods, Techniques and Contexts in Leading Projects (3 credit hours)

Culminating Experience (3 credit hours)
PMG 593 Applied Project (3)

Additional Curriculum Information
For the Methods, Techniques and Contexts in Leading Projects restricted electives, students choose one course for three credit hours from an approved course list. Students should see the academic unit for the complete list of courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants must have earned a bachelor's or master's degree in any area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. For proof of English proficiency, the applicant is expected to have either a score of 80 on the TOEFL iBT® taken in a testing center or a passing score in the English for Graduate Admission (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) online course through ASU Global Launch.

All applicants must submit a written letter of intent, including a detailed statement of purpose that addresses how the program goals coincide with the student's personal and professional objectives. The essay is evaluated based on content, presentation and evidence of graduate-level writing ability (the limit is 500 words).

The professional resume or curriculum vitae is limited to two pages.

Applicants must submit two letters of reference that focus on the applicant's ability to do academic work. Friends and family members are not appropriate recommenders.

All applications are reviewed holistically, taking into account all application materials, including previous GPA, letters of recommendation, personal statement and work experience. Note that meeting any single requirement does not guarantee admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-project-management/) for program descriptions and to request more information.

Career opportunities

Graduates can employ project management approaches, processes, structures and techniques, effectively contributing to development and deployment of project management methodologies that achieve organizational goals, solve problems and effect change around the globe. They are prepared for a variety of positions in the public, private and nonprofit sectors.

Graduates are prepared for jobs as project coordinators, assistant project managers, project managers, program managers and directors of project management.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.By completing this degree, graduates have the educational knowledge and content hours to sit for the Project Management Institute's Project Management Professional® exam.

Contact information

School of Applied Professional Studies | USE 138
https://cisa.asu.edu/master-project-management
SAPSgrad@asu.edu
480-965-1970

Technical Communication (certificate), Certificate (LSTECGRCT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

In the technical communication graduate certificate program, students learn how to produce and communicate technical information using traditional and digital technologies.

STEM-OPT extension eligible: No

Degree requirements

18 credit hours

Core Requirement (9 credit hours)
TWC 501 Fundamentals of Technical Communication (3)

Students choose two of the following courses:
TWC 511 Principles of Visual Communication (3)
TWC 521 Principles of Web Authoring (3)
TWC 531 Principles of Technical Editing (3)

Electives (9 credit hours)

Additional Curriculum Information
Students choose any 500-level TWC courses as their electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/technical-communication-graduate-certificate/) for program descriptions and to request more information.

Career opportunities

Graduates who have combined the certificate in technical communication with their major program of study may be more marketable to employers. Many decide to pursue employment in technical writing, web content development and editing.

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu/tech-comm
SAPSGrad@asu.edu
480-727-1526

Technical Communication, MS (LSTCCMMS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

In the Master of Science program in technical communication, students learn how to design, produce and manage print and digital texts using a variety of tools and technologies.

Students gain an understanding of the professional, cultural and ethical issues that shape the field. The program balances theory and practice to ensure that students develop the analytical approaches, technological expertise and skills necessary for success as a technical communicator.

Students complete the program as accomplished writers, editors, designers, project managers and researchers who can respond effectively to a variety of audiences, issues and communication situations.

STEM-OPT extension eligible: No

Degree requirements

36 credit hours including a thesis, or
36 credit hours including the required applied project course (TWC 593), or
36 credit hours including the required capstone course (TWC 596)

Required Core (6 credit hours)
TWC 504 Applied Rhetoric and Technical Communication (3)
TWC 505 Research in Technical and Applied Communication (3)

Restricted Electives (21 or 27 credit hours)

Other Requirement (0 or 3 credit hours)
TWC 506 Research Design and Development (3)

Culminating Experience (3 or 6 credit hours)
TWC 593 Applied Project (6) or
TWC 596 Technical Communication Capstone (3) or
TWC 599 Thesis (6)

Additional Curriculum Information
Students who do not have previous technical communication coursework or relevant industry experience must take TWC 501 Fundamentals of Technical Communication as a restricted elective. For a full list of the approved elective courses, students should inquire at the academic unit offices.

Students complete an applied project, capstone course or thesis for the culminating experience. Students who choose the capstone option complete a total of 27 elective credit hours.

TWC 506 is a requirement for students completing an applied project or thesis only.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• portfolio
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Because this program requires a high degree of proficiency in English, an applicant whose native language is not English is expected to have one of the following TOEFL scores: 100 on the iBT® taken in a testing center, or 250 on the computer-based test.

All applicants must submit a written letter of application that includes a detailed statement of purpose and a portfolio of at least three documents that demonstrate the applicant's ability to write in a variety of genres. Portfolio documents can include both academic and professional writing for a variety of audiences and purposes and do not have to be in the area of technical communication. The portfolio should be 15 to 30 pages in length. The writing samples in the portfolio are evaluated using a rubric that considers several criteria, including a demonstration of the ability to focus on a specific purpose, to meet audience needs, and to show organization, clarity, mechanical soundness and overall effectiveness.

All applicants must submit three letters of reference, either academic or professional, that speak to the background and capabilities of the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-technical-communication/) for program descriptions and to request more information.

Career opportunities

Professionals with expertise in technical communication are in high demand across sectors and industries, including technology, business, entertainment, education and community organizations. Graduates are prepared for positions in the private, public and nonprofit sectors, with plenty of professional opportunities for career advancement.

Professionals who have the skills to analyze users and data, write and create visuals, and manage online content are highly valuable to businesses and institutions. Maintaining rhetorical awareness and understanding of complex information is critical to impactful management and presentation of specialized content to broad audiences.

Career examples include:

- instructional designer
- interface designer
- IT project manager
- public relations manager
- social media manager
- technical writer
- user experience specialist

- web administrator

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu/tech-comm
SAPSGrad@asu.edu
480-965-1970
Admission deadlines (https://cisa.asu.edu/tech-comm/grad)

User Experience, MS (ESUSEXMS)

College/School: College of Integrative Sciences and Arts
Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Master of Science program in user experience addresses UX research, design, content development, communication, tone of voice and evaluation of all components and products with which end users interact.

Students learn how to research user needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered evaluation methods.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering, BS

User Experience, BS

Graphic Information Technology (User Experience), BS

Technical Communication (User Experience), BS

Human Systems Engineering (User Experience), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio

Required Core (15 credit hours)
GIT 540 Cross-media Design Solutions (3)

HSE 542 Foundations of Human Systems Engineering (3)
TWC 501 Fundamentals of Technical Communication (3)

Choose two courses from the following:
GIT 542 Usability and User Experience (3)
HSE 521 Methods and Tools in Human Systems Engineering (3)
TWC 544 User Experience (3)

Electives or Research (15 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
Students should see the academic units for a complete list of approved electives and research courses. Other courses may be used with approval of the academic units.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of the Graduate College, the Ira A. Fulton Schools of Engineering and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in related fields such as psychology, graphic information technology, graphic design, human systems engineering, business, cognitive science, design or technical communication from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their first bachelor's degree program or the last 60 hours of their first bachelor's degree program; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in nine semester hours of graduate coursework from a U.S. institution; or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable conferred master's degree program from a regionally accredited college or university.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• writing sample
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Global Launch at ASU (https://globallaunch.asu.edu/learn-english/online-english/english-for-admission) offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain

cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered, including completion of a reputable and robust certification program in user experience or user interface. Applicants are strongly encouraged to include a copy of their completed certification with their resume.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/online-user-experience-masters/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Integrate appropriate user experience principles into UX design processes.
- Apply user research methods to projects to uncover usability challenges.
- Evaluate designs and contexts of use to identify problems and prototype approaches for the improving user experience.
- Synthesize technical information into written and visual documentation for user experience projects.

Career opportunities

Graduates with this degree have the skills to be UX professionals who effectively lead teams that constantly improve products and the lives of their users, and collaborate with clients and technical personnel.

UX is a rapidly growing field. Graduates can typically expect to find jobs in the areas of:

- design research
- digital visualization design
- human-computer interaction
- human factors research
- interface design
- interaction design
- usability testing
- user experience
- user research

Contact information

Human Systems Engineering and School of Applied Professional Studies | SUTON 240
https://poly.engineering.asu.edu/advising/
polygrad@asu.edu
480-727-1874

Interdisciplinary Arts and Sciences, New College of

Behavioral Data Science (Certificate), Certificate (ASBHDSGRCT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The graduate certificate in behavioral data science offers an innovative blend of behavioral science and advanced data science methods. The program equips students with essential skills to translate human behavior into quantifiable data for deeper analysis. Through project-based learning, students gain practical skills, including data collection and cleaning, data visualization and model-building --- skills that showcase their ability to address practical challenges using behavioral data analysis.

The curriculum is ideal for students from various academic backgrounds, including those with minimal computing experience. Courses emphasize hands-on data manipulation, cleaning and exploration, along with project-based learning with compelling topics, including tree-based algorithms, deep learning and convolutional neural networks. Students learn how to apply these innovative techniques to behavioral and social data, providing them with the critical thinking and technical skills needed in today's evolving job market.

The program aligns with ASU's charter and mission of inclusive and use-inspired research, making it an ideal choice for students looking to advance their education or enhance their professional capabilities. Students engage in projects directly applicable to in-demand fields, including health care, psychology and social data science, ensuring their skills are marketable and relevant. The program offers a distinct educational experience that minimally overlaps with more traditional statistical training and is maximally relevant to the evolving demands of the job market. This approach positions students at the forefront of technological and societal advancements, reflecting a unique integration of data science techniques within the behavioral sciences.

Graduates of the program are well-prepared for careers in industries focused on data-driven solutions. This certificate program is particularly valuable for those seeking to enhance their expertise in the growing high-tech sectors in the West Valley and Phoenix areas, positioning them for success in fields that integrate behavioral science with data analytics.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

15 credit hours

Required Core (9 credit hours)
BDS 505 Statistical Methods (3)
BDS 511 Behavioral Data Science I (3)
BDS 512 Behavioral Data Science II (3)

Electives and Research (6 credit hours)

Additional Curriculum Information
Elective and research courses should be selected from the approved list available through the program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirement of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor¿s or master's degree in psychology, sociology, education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master¿s degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• personal statement
• professional resume
• unofficial transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose provides the admission committee the ability to evaluate writing as well as an applicant's fit for this program. The following items should be addressed in the statement of purpose:
• Describe your career goals and how a graduate certificate in behavioral data science will help you achieve those goals.
• Behavioral data science is the application of data science and machine learning techniques to the understanding of human behavior. Briefly describe aspects of behavioral data science that most interest you.
• Briefly discuss previous experience with computation methods or willingness to engage with these methodologies.

A professional resume or CV may be included in the application materials, but this is optional.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) is possible for graduate students, and it allows students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

There are more than 50 program opportunities, with programs available on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning.

Career opportunities

The graduate certificate in behavioral data science at ASU's West Valley campus prepares graduates for a wide range of career opportunities in areas that merge data science with psychologically grounded insights into human behavior. The program's unique focus on advanced data science methods, machine learning and behavioral analytics equips students with the skills necessary to excel in multiple industries that rely on understanding human behavior through data-driven approaches, including academia, business, health care, education and public services. Career opportunities for graduates of this program include:

- business intelligence analyst
- clinical data manager
- computer user support specialist
- data scientist
- educational data scientist
- operations research analyst
- social science researcher
- survey and market researcher

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/advising/graduate
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Biological Data Science (Certificate), Certificate (ASBDSGRCT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

This biological data science graduate certificate program sits at the intersection of biology, computing, mathematics and statistics, providing students in any of these disciplines with a valuable opportunity to develop an integrative toolkit that is in high demand for the analysis of data in the context of biological applications. The program provides students with hands-on training at the interface of the natural and mathematical sciences.

Students learn to manipulate big data, including the generation and analysis of data, using statistical and computational tool sets. Students can use their analytical skills in ecological, environmental, toxicological and other biological applications.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
LSC 540 Statistics for Biological Data Science I (3)

Other Requirements (3 credit hours)
ACO 501 Database Systems and Problem Solving in Python (3) or
ACO 580 Practicum (3)

Restricted Electives (9 credit hours)
ACO 501 Database Systems and Problem Solving in Python (3)
ACO 580 Topic: Intro to Python Programming for Problem Solving (3)
FOR 540 Advanced Topics in Human Forensic DNA Typing (3)
LSC 541 Statistics for Biological Data Science II (3)
LSC 555 Molecular Biology (3)
LSC 556 Evolutionary Biology (3)
LSC 562 Applied Mathematics Techniques in Biology (3)
SDS 510 Data Wrangling (3)

Additional Curriculum Information
Other Requirements and Restricted Electives coursework may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should be a maximum of 250 words and incorporate responses to the following prompts:
• Describe your academic or career goals and how a graduate certificate in biological data science will help you achieve those goals.
• Biological data science is a discipline that spans a broad range of biological topics, from molecular biology to ecology, and it uses a variety of computational methods. Please describe two aspects of biological data science that you are most interested in, and explain why.
• Optional) If any extenuating circumstances affected your undergraduate performance or affect you now, you may explain your situation. You do not need to include this information if your application meets all requirements for admission to the program.

A professional resume may be included in the application materials but is optional.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biological-data-science) for program descriptions and to request more information.

Career opportunities

With the multiple levels of experiential learning in the program, graduates who hold the biological data science certificate are ready to enter one of the fastest-growing job markets. Graduates are prepared to work in emerging areas of interdisciplinary and transdisciplinary research. They have the foundation they need for a wide variety of careers that require skills in analytical reasoning, computer programming and database design in environments such as consulting firms, government agencies and nongovernmental organizations. Career fields relevant to the certificate program include:

- bioinformatics
- data management and databases
- data processing, hosting and related services
- environmental consulting
- marketing or advertising for companies with large consumer data sets
- research data analysis
- work in health care industries that involves dealing with patient data

Graduates are also prepared to pursue advanced professional or graduate degrees.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/graduate-degrees
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Biological Data Science, MS (ASBDSMS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

The Master of Science program in biological data science provides students with a foundation in biology and computational methods along with hands-on training through practical projects at the interface of the natural and mathematical sciences.

Students learn to manipulate big data, including the generation and analysis of data using statistical and computational toolsets. They use their analytical skills in ecological, environmental, toxicological and other biological applications. The program incorporates multiple levels of experiential learning to ensure students gain critical-thinking skills in addition to core competencies.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biology, BA

Environmental Science, BS

Biology, BS

Statistics, BS

Applied Mathematics, BS

Pharmacology and Toxicology, BS

Environmental Science, BA

Applied Computing, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours and a thesis, or
33 credit hours including the required applied project course (ACO 593, BIO 593, LSC 593 or MAT 593), or
33 credit hours including the required capstone course (LSC 585)

Required Core (18 credit hours)
ACO 501 Database Systems and Problem Solving in Python (3)
LSC 540 Statistics for Biological Data Science I (3)
LSC 541 Statistics for Biological Data Science II (3)
LSC 555 Molecular Biology (3)
LSC 556 Evolutionary Biology (3)
LSC 562 Applied Mathematics Techniques in Biology (3)

Other Requirements for Campus Immersion (3 credit hours)
LSC 519 Applied Learning Lab (1)
LSC 547 Wet Laboratory Experience (1)
LSC 591 Seminar (1)

Other Requirements for Digital Immersion (6 credit hours)
ACO 580 Practicum Topic: Intro to Python Programming for Problem Solving (3)
LSC 519 Applied Learning Lab (2)
LSC 591 Seminar (1)

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
ACO 593 Applied Project (3)
BIO 593 Applied Project (3)
LSC 593 Applied Project (3)
MAT 593 Applied Project (3)
ACO 599 Thesis (6)
BIO 599 Thesis (6)
LSC 599 Thesis (6)
MAT 599 Thesis (6)
LSC 585 Capstone I in Biological Data Science (3)

Additional Curriculum Information
The MS program in biological data science is delivered through the campus immersion or digital immersion modality. Culminating experiences require three or six credit hours.

Campus students typically select either an applied project or thesis based on their interests and career goals in biological data science. The applied project option typically results in a written summary of work completed. Students who pursue the applied project completes nine credit hours of electives. The thesis is best suited for students who want to pursue a research career because it requires an oral defense, and the written thesis is considered a publication. These students complete six credit hours of electives in consultation with the academic unit and faculty advisors.

Online students typically complete the capstone course and six credit hours of electives. The capstone course incorporates a work-based learning model and provides industry-relevant projects for students.

A list of preapproved elective courses are provided in the program handbook and faculty members may approve other courses on a case-by-case basis.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a related field such as biology, mathematics, statistics or computing, as well as unrelated fields from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• two letters of recommendation
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

It is preferred that letters of recommendation be from faculty members who know the applicant's work well; if these are not available, letters of recommendation from individuals in supervisory or professional roles are accepted.

The statement of purpose should describe the applicant's educational background, scholarly interests, and academic and professional goals.

Depending on the applicant's educational background, additional courses may be required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/biological-data-science-masters/) for program descriptions and to request more information.

Career opportunities

The proliferation of big data sets generated in biological science fields has dramatically increased the demand for individuals with solid skill sets needed to manipulate and interpret this data.

Graduates are ready to enter one of the fastest-growing job markets to work with consulting firms and government agencies as well as nongovernmental organizations, in data science, informatics, data analytics, database development and mathematical modeling of biological systems that are relevant to a variety of industries. They are well suited for employment in positions such as:

- bioinformatics data scientist
- chemical biology data scientist
- clinical data analyst
- computational biologist
- data engineer or data mining engineer
- database developer
- fisheries scientist, dairy scientist or animal scientist
- genomic scientist
- natural resources data scientist
- pharmaceutical scientist

Graduates also are ready to seek advanced professional or graduate degrees, such as in medical, dental, veterinary and public health fields.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/masters-degrees-phds/majorinfo/ASBDSMS/graduate/false/58
ncgradadvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Communication Studies, MA (ASCOMSTMA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Master of Arts program in communication studies is designed for students who wish to advance in their existing careers or pursue a new career as a communication professional.

With special emphasis on both advocacy and social technologies, the program enables students to tailor the program to their personal goals; they can focus on topics such as interpersonal, family, organizational, sport, environmental, global and intercultural communication; social media and politics; or technology-mediated interaction.

Working closely with faculty, students examine how communication improves the quality of workplaces, personal relationships, digital and face-to-face communities, public dialogues, cross-cultural interactions, and relationships between organizations and those who are influenced by their services, including citizens, customers, patients and fans. They also learn to use media and communication to advocate for themselves and others.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biology, BA

Communication, BS

Communication, BA

Psychology, BA

History, BA

Social and Behavioral Sciences, BS

Political Science, BA

Social Justice and Human Rights, BA

English, BA

Psychology, BS

Interdisciplinary Arts and Sciences, BA

Sociology, BS

Environmental Science, BA

Communication, BA

Communication, BA

Interdisciplinary Arts and Performance, BA

Philosophy, Religion and Society, BA

Sociology, BA

Applied Science, BAS

Latin American Studies, BA

Global Management, BGM

Communication, BS

Gender, Women and Sexuality Studies, BS

Social and Behavioral Sciences, BA

Political Science, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

36 credit hours and a written comprehensive exam, or
36 credit hours including the required applied project course (CMN 593) and a written comprehensive exam, or
36 credit hours, a written comprehensive exam and a thesis

Required Core (12 credit hours)
CMN 502 Theory and Practice in Communication and Persuasion (3)
CMN 505 Methods in Applied Communication Research (3)
CMN 506 Humanistic Inquiry and Field Research in Communication (3)
CMN 522 Argumentation and Advocacy (3)

Electives (18-24 credit hours)

Culminating Experience Options (0-6 credit hours)
CMN 593 Applied Project, with written comprehensive exam (3)
CMN 599 Thesis, with written comprehensive exam (6)
written comprehensive examination (0)

Additional Curriculum Information
Electives with the CMN prefix are selected in consultation with the student's program advisor. When appropriate, students may take up to six credit hours outside the program. All electives must be approved by the student's program advisor.

The thesis or applied project must demonstrate intellectual ability, academic ability and professional growth. The thesis is supervised and approved by the student's advisor and committee. An oral defense is required for the thesis. The applied project is supervised by the student's advisor. The achievements or results of the applied project should be made available to the public in the form of a presentation, poster, report or other form negotiated with the faculty advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• an academic writing sample (preferred) or professional writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should describe the applicant's educational background, scholarly interests, and academic and professional goals.

Letters of recommendation from faculty members who know the applicant's work well are preferred; if faculty members are not available, the applicant may submit letters of recommendation from individuals in supervisory or professional roles.

Submission of a resume or curriculum vitae is optional.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The MA program in communication studies helps prepare graduates for jobs in corporate communication, journalism, mass media, social media politics and a wide variety of other fields. Graduates are prepared to pursue doctoral work or careers in many communication-driven fields, such as digital audience management, public affairs, public relations, science communication, training and employee development, strategic communication, community relations and nonprofit advocacy. This program can also prepare graduates for a career in higher education through the tenure track (e.g., instructor or professor at a community college or university) or the non-tenure track (e.g., lecturer, admission director, academic advisor).

Graduates already employed may find that the skills they acquired through the program are helpful for career advancement, given that some leadership positions require a master's degree. Those interested in changing careers may pursue a master's degree in communication studies to align with their particular professional goals.

Career examples include:

- fundraising manager
- human resources manager
- internal communications manager
- journalist
- learning and development analyst
- marketing account executive, consultant or research analyst
- political campaign manager or speechwriter
- sales account executive
- social media manager
- technical communication specialist
- web producer

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/advising/graduate/communication-studies-ma
NCGradAdvising@asu.edu
602-543-2890
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

English, MA (ASENGLMA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Master of Arts program in English addresses the many facets of English: its literature; its linguistic, social and cultural histories; and its capacities for persuasion, exposition and elucidation.

The program is grounded in scholarly tradition but designed for the demands of today's world. Its innovative curriculum has been developed to train present and future educators as well as individuals pursuing careers in the wide variety of professions that value advanced critical thinking, research and communication skills.

World-class faculty is ready to help enhance skill sets, deepen knowledge bases and prepare students to put the MA in English degree to work in their chosen professions.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Social and Cultural Analysis (American Studies), BA

Communication, BS

Communication, BA

Social and Cultural Analysis (Women and Gender Studies), BA

History, BA

Social and Cultural Analysis (Peace Studies), BA

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA

Spanish, BA

English, BA

Social and Cultural Analysis (Latin American Studies), BA

Interdisciplinary Arts and Sciences, BA

Social and Cultural Analysis (Queer and Sexuality Studies), BA

Interdisciplinary Arts and Performance, BA

Philosophy, Religion and Society, BA

Applied Science, BAS

Latin American Studies, BA

Gender, Women and Sexuality Studies, BS

Disability Studies, BA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (ENG 597)

Required Core (6 credit hours)
ENG 502 Contemporary Critical Theories (3) or MAS 505 Theories of Change, Culture and Mind (3)
ENG 582 Pedagogy (3)

Electives or Research (12 credit hours)
ENG 500 Research Methods (3)
ENG 591 Seminar (3)
ENG courses (6)

Open Elective or Research Courses (9 credit hours)

Culminating Experience (3 credit hours)
ENG 597 Graduate Capstone Seminar (3)

Additional Curriculum Information
For electives or research, students should see the academic unit for the approved course list from ENG courses through New College. ENG 500 is a required research course for all students and must be included in the plan of study.

For the open elective or research courses, nine credit hours can be selected from ENG coursework offered by New College faculty. Students who wish to take ENG courses offered by faculty outside of New College, or courses with a non-ENG prefix, must first receive approval from the program director.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose

• two letters of recommendation
• an academic writing sample (preferred) or professional writing sample
• resume or curriculum vitae (optional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should describe the applicant's educational background, scholarly interests and academic and professional goals.

It is preferred that the letters of recommendation come from faculty members who know the applicant's work well; if such faculty are not available, recommendation letters from individuals in supervisory or professional roles are acceptable.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The ability to influence and motivate behavior through the power of well-crafted language is a skill valued in every industry that depends on customers, employees, suppliers or investors.

Graduates with a master's degree in English are able to use language to accomplish organizational goals; use advanced critical thinking abilities and advanced skills for clear and effective verbal communication; construct well-supported and persuasive arguments; and perform complex textual analysis. They are knowledgeable about historical trends in written discourse, have an awareness of the role of literary discourse in broader social and historical contexts, and have the ability to engage in big-picture thinking.

Career fields are many and varied. Examples include:

- business communication
- community college teaching
- editing
- grant writing
- journalism
- nonprofit consulting
- public relations
- publishing
- secondary education and continuing education
- technical writing
- web (content management, social media management)

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/advising/graduate/english-masters-degree
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Forensic Psychology, MS (ASFPSYMS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Online

Program description

In the Master of Science program in forensic psychology, students gain a strong foundation in psychological theory and research, legal decision-making and criminological theory, and a basic understanding of forensic assessment. The degree provides working professionals with an understanding of mental health issues and human behavior with respect to crime and the criminal justice and legal systems.

The curriculum involves specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making. Students learn about the various roles for psychologists in the legal system, helping them discover roles they might wish to pursue through careers in mental health or criminal justice, or through additional graduate training.

Graduates are not license-eligible for clinical practice but are well prepared to pursue advanced degree and continuing education programs in counseling and related fields.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required capstone course (PSY 549)

Required Core (15 credit hours)
PSY 544 Advanced Psychology of Criminal Investigation (3)
PSY 545 Advanced Legal Psychology (3)
PSY 546 Advanced Forensic Psychology (3)
PSY 547 Advanced Correctional Psychology (3)
PSY 573 Psychopathology (3)

Electives (9 credit hours)

Statistics and Methods (3 credit hours)
PSY 514 Fundamentals of Forensic Psychology Research (3)

Criminal Justice System Courses (3 credit hours)
Choose one of the following:
CRJ 501 Seminar in Criminal Justice (3)
CRJ 513 Seminar in Courts and Sentencing (3)

Culminating Experience (3 credit hours)
PSY 549 Capstone in Forensic Psychology (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in psychology, criminal justice, social science or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must provide evidence of successful completion of an undergraduate or graduate social science statistics and research methods course.

This application requires a statement of purpose, which should address the following prompts:
• Describe your academic or career goals and how a master's degree in forensic psychology will help you achieve those goals.
• Forensic psychology is a discipline that spans a broad range of topics. Briefly describe what area you are most interested in and why.
• Optional) If any extenuating circumstances affected your undergraduate performance or affect you now, you may explain your situation. You do not need to include this information if your application meets all requirements for admission to program.

It is preferred that the letters of recommendation come from faculty members who know the applicant's work well; if these are not available, recommendations should be from individuals in supervisory or professional roles.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-forensic-psychology/) for program descriptions and to request more information.

Career opportunities

The MS in forensic psychology opens the door to a wide variety of careers. The field of forensic psychology offers career options as varied as consulting on public policy and working within the criminal justice system. Many forensic psychologists work in the court system to help lawyers, judges and juries better understand the motivations behind criminal behavior. Some graduates choose this path to advocate on behalf of underserved populations, including African Americans, Latinos, those from lower economic areas, children or those with mental illness. Additionally, the degree provides a foundation for graduates pursuing doctoral degrees, which are required to become a forensic psychologist, and continuing education programs in psychology, criminology and related fields.

Career examples include:

- correctional counselor
- crime analyst
- forensic research psychologist
- forensic social worker

- investigative journalist
- jail supervisor
- jury consultant
- police consultant
- probation officer
- victim advocate

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/advising/graduate/forensic-psychology-online
NCGradOnline@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Forensic Science, MS (ASFOREMS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

In the Master of Science program in forensic science, students acquire an excellent foundation in the forensic sciences while applying innovative research to make an impact in the science community. Students receive extensive, hands-on experience and in-depth knowledge in various forensic disciplines. While engaging in faculty-led research projects that cover a wide variety of forensic science topics, students develop practical skills and contribute to state-of-the-art research.

The curriculum cultivates a strong scientific mindset, focusing on critical thinking, problem-solving and analytical skills essential for careers in forensic science. Courses include advanced topics such as forensic chemistry, forensic biology, crime scene investigation and legal aspects of forensic science. These courses are complemented by laboratory work and field experiences, ensuring that students gain practical skills and industry knowledge.

In addition to coursework, students have the opportunity to work closely with faculty members who are experts in their respective fields. This mentorship enables students to gain valuable insights into current research trends and techniques, fostering an environment of collaboration and innovation. The program also emphasizes the importance of ethical considerations and professional standards in forensic science, preparing students to navigate the complexities of the criminal justice system. Students are well-positioned to contribute to advancements in forensic science and make meaningful contributions to the field.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Forensic Science (Death Investigations), BS

Forensic Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

32 credit hours and a thesis, or
32 credit hours including the required applied project course (FOR 593)

Required Core (8 credit hours)
FOR 505 Advanced Forensic Biology (3)
FOR 506 Advanced Forensic Biology Laboratory (1)
FOR 507 Advanced Forensic Chemistry (3)
FOR 508 Advanced Forensic Chemistry Laboratory (1)

Other Requirements (4 credit hours)
FOR 591 Seminar (1)
FOR 500 Research Methods (3)

Research (6 credit hours)
FOR 592 Research (6)

Electives (8 credit hours)

Culminating Experience (6 credit hours)
FOR 593 Applied Project (6)
FOR 599 Thesis (6)

Additional Curriculum Information
The approved topic for FOR 591 Seminar is Application of Forensic Science Research. Elective coursework is made up of ASB, ASM, FOR and LSC courses, which should be selected in consultation with the program advisor. Students complete either an applied project or a thesis for their culminating experience.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in forensic science, chemistry, biology, physics, anthropology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• two letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is preferred that letters of recommendation come from faculty members who know the applicant's work well; if this is not possible, letters of recommendation from individuals in supervisory or professional roles are accepted.

The statement of purpose should describe the applicant's educational background, scholarly interests, and academic and professional goals.

Job applicants and students seeking a volunteer or internship position within a crime lab are required to undergo an extensive background check that includes a polygraph exam, fingerprinting and drug testing. Possible reasons for applicant disqualification include current or past illicit drug use (including marijuana), felony convictions and drunk driving convictions.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Scientific and technological advances in the field of forensic science, and continually increasing caseloads in law enforcement are projected to increase the number of forensic science technicians needed over the next decade.

Graduates of the MS program in forensic science are well-prepared for a variety of career paths. They may pursue employment in the field immediately after graduation; the skills and knowledge gained through the program also provide a strong foundation for those interested in further academic research or teaching positions.

Graduates may pursue roles in crime laboratories, law enforcement agencies, legal firms and private forensic consulting firms. They are well-suited for employment in positions such as:

- crime scene lab analyst
- crime scene technician
- DNA analyst
- fingerprint technician
- forensic chemist
- forensic science technician
- forensic scientist
- toxicology-based position

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/advising/graduate

NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Forensic Science, PSM (ASFRSCIPSM)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Online

Program description

The Master of Professional Science program in forensic science readies students for career advancement by providing them with educational depth and breadth in the forensic sciences and helps them develop new competencies related to laboratory supervision. This includes an understanding of how to work with regulatory bodies that provide the framework for oversight in forensic laboratories, consistent with the guiding principles of the National Professional Science Master's Association.

Students develop deeper scientific inquiry skills in biology, chemistry, genetics and related topics, as well as critical laboratory leadership skill sets.

Successful graduates are armed with the tools and experiences required for administrative and other advancement opportunities within and beyond the forensic science laboratory in both government and private sectors.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (FOR 579)

Required Core (9 credit hours)
FOR 525 Forensic Science and Governance (3)
FOR 550 Ethics in Forensic Science (3)
FOR 565 Laboratory Leadership, Policy and Practice (3)

Other Requirement (18 credit hours)
FOR 501 Forensic Toxicology (3) or FOR 532 Principles of Pharmacology (3)
FOR 502 Advanced Forensic Botany (3) or FOR 503 Forensic Entomology (3)
FOR 540 Advanced Topics in Human Forensic DNA Typing (3)
FOR 560 Quantitative Methods in Forensic Science Research (3), BMI 515 Applied Biostatistics in Medicine and Informatics (3) or HCD 501 Population Health Data Management and Analysis (3)
FOR 578 Capstone in Forensic Science I (3)
PSY 546 Advanced Forensic Psychology (3) or CRJ 537 Criminal Procedure of Investigations for Social and Forensic Scientists (3)

Culminating Experience (3 credit hours)
FOR 579 Capstone in Forensic Science II (3)

Additional Curriculum Information
Other requirement courses may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in an appropriate physical, biological or computer science or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should describe the applicant's educational background, scholarly interests, and academic and professional goals.

It is preferred that the letters of recommendation be from individuals in supervisory or professional roles.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/forensic-science-psm/) for program descriptions and to request more information.

Career opportunities

The PSM program in forensic science provides leadership training in the field of forensic science to practicing professionals in science and forensic science, criminalistics and medical examiner offices; to office personnel; and to members of the law enforcement and legal communities. Program graduates have the skills and experience to pursue a new career path or to advance in their current careers. Graduates with a master's degree in forensic science have gone on to careers that include jobs such as:

- biomedical researcher
- crime scene investigator
- crime or forensic laboratory director, manager or supervisor
- forensic anthropologist
- forensic engineer
- forensic nurse
- forensic scientist or criminalist
- forensic toxicologist
- law enforcement officer or supervisor

- military service member
- pharmaceutical researcher

Some graduates go on to professional schools and further graduate education, including PhD programs.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/advising/graduate/forensic-science-psm-online
NCGradOnline@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Human Factors in Forensic Science (Certificate), Certificate (ASHFFSGRCT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Online

Program description

Human factors that involve motivational and cognitive biases can undermine justice by negatively affecting the collection, analysis and interpretation of forensic evidence. By accounting for human factors, forensic examiners can enhance the objectivity and accuracy of their work.

The certificate program in human factors in forensic science provides students with an interdisciplinary education, a background in next-generation research in human factors, and the skills to make a positive impact in the field. The curriculum involves specialized coursework at the intersection of psychology and forensic science to promote a comprehensive understanding of the effects of human factors in the forensic sciences. Courses focus on the way that limitations in human cognition can adversely affect the collection, analysis and interpretation of physical forensic evidence, and identify practical solutions to these problems.

Students have the opportunity to join an exciting group of faculty and learn about the importance of human factors in promoting justice.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (12 credit hours)
FOR 525 Forensic Science and Governance (3)
PSY 506 Advanced Cognitive Science (3)
PSY 514 Fundamentals of Forensic Psychology Research (3)
PSY 562 Advanced Human Factors (3)

Other Requirements (3 credit hours)
FOR 598 Special Topics (3) or
PSY 598 Special Topics (3)

Additional Curriculum Information
The approved topic for FOR/PSY 598 is Psychology of Forensic Decision Making. Students take the course once for three credit hours. The course can be substituted with department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in forensic science, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/human-factors-forensic-science/) for program descriptions and to request more information.

Career opportunities

Graduates of the certificate program in human factors in forensic science have developed skills and knowledge that enable them to perform their jobs more effectively and that can be applied in a variety of professional settings within the field. Many job opportunities are available to graduates, including these positions:

- crime scene investigator
- expert witness
- forensic technician

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/advising/graduate
NCGradOnline@asu.edu
602-543-3000

Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Industrial and Organizational Psychology (Certificate), Certificate (ASIOPGRCT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Online

Program description

The graduate certificate program in industrial and organizational psychology trains students to be well-versed in transformational workplace empowerment strategies and interventions that can lead to the optimal well-being and performance of individuals within organizations.

The foundational coursework uses concepts in psychology to emphasize training and development, professional motivation, decision-making, justice and leadership. Students engage in a rigorous curriculum that fosters advanced writing and critical thinking skills to promote competence in understanding theoretical frameworks within psychology, and industrial and organizational psychology research.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
PSY 508 Choice and Decision Making (3)
PSY 509 Advanced Industrial and Organizational Psychology (3)
PSY 510 Professional Motivation and Leadership (3)
PSY 511 Psychology of Organizational Development (3)
PSY 556 Cultural Intelligence (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• one letter of recommendation
• proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is recommended that applicants have a background in psychology, sociology, communication, business, education or other closely related fields. Required program coursework assumes a basic understanding of social science statistics and research methods. It is strongly recommended that applicants have completed a statistics course or a research methods course.

The statement of purpose should be a concise and well-written response to the following prompts:
• Describe your academic or career goals.
• Describe how a graduate certificate in industrial and organizational psychology will help you achieve those goals.

It is preferred that the letter of recommendation come from a faculty member who knows the applicant's work well; if this is not possible, the recommendation should come from an individual in a supervisory or professional role.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/industrial-organizational-psychology-certificate) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) is possible for graduate students, and it enables students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve their language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

More than 50 program opportunities are available, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Career opportunities

Graduates leave this program with a broad understanding of industrial and organizational psychology. They may pursue careers in psychology, education, business or government. In addition, the industrial and organizational coursework benefits graduates working in supervisory or management positions in corporate, government or social service professions.

The industrial and organizational psychology certificate can benefit those in positions such as:

- assessment development specialist
- data scientist
- human resource specialist
- people science and strategy manager
- product manager
- psychometric analyst
- service and testing supervisor
- workforce planning manager

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/advising/graduate
NCGradOnline@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Interdisciplinary Studies (Interdisciplinary Arts and Performance), MA (ASIDSIPMA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

ASU is not currently accepting applications for this program.

Program description

The Master of Arts program in interdisciplinary studies is an innovative degree program in which students learn how to use two or more disciplines in an integrative method that leads to new discoveries. The concentration in interdisciplinary arts and performance enables students to engage in the study of interdisciplinary art practices and theories from a perspective developed over decades of the New College's undergraduate interdisciplinary arts and performance major.

Throughout the curriculum, interdisciplinary arts are outwardly and continually inclusive, expanding, evolving and innovative, empowering students to shape and direct their creative pathways. Students engage in a deeper collaborative investigation of multiple artistic disciplines, interacting with theoretically advanced studies in visual, sonic and performance arts to become versatile artists and art scholars. They are prepared for a complex and changing world through current approaches to aesthetic innovation.

Students have access to faculty members who are active practitioners of interdisciplinary inquiry. Students work with faculty to define their own areas of artistic practices.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Interdisciplinary Arts and Performance, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (MAS 585)

Required Core (9 credit hours)
MAS 501 Methods for Interdisciplinary Inquiry (3)
MAS 502 Perspectives in Interdisciplinary Studies (3)
MAS 505 Theories of Change, Culture and Mind (3)

Concentration (6 credit hours)
IAP 560 Composition: Process, Technique and Style (3)
IAP 570 Language, Culture and Performance (3)

Other Requirements (3 credit hours)
IAP 598 Topic: Media Technologies and the Arts (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
MAS 585 Capstone Course (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences. Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• two letters of recommendation
• art portfolio
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The art portfolio could include digital examples of work created or links to digital archives of work performed or exhibited.

The personal statement should describe the applicant's educational background; artistic studies and experience; artistic and scholarly interests; and aesthetic, academic and professional goals.

It is preferred that the letters of recommendation be from faculty members who know the applicant's work well; if faculty are not available, recommendations from individuals in supervisory or professional roles are acceptable.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates' skills and knowledge can be directed toward doctoral study or professional goals in any enterprise that engages in research or education. They may enter many different career fields in positions that include:

- arts administrator
- arts educator (community college, K--12)

- arts writer, scholar and critic
- composer and sound artist
- digital designer
- film and video editor
- performance and theatre artist
- recording artist
- video and board game designer
- visual artist in multiple mediums

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/advising/graduate/interdisciplinary-studies-ma
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Interdisciplinary Studies, MA (ASINTERMA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

ASU is not currently accepting new students to this program.

Program description

The Master of Arts degree in interdisciplinary studies is an innovative program in which students learn how to use two or more disciplines in an integrative method that leads to new discoveries. Founded on the conviction that solving today's problems often requires an interdisciplinary approach, this flexible program provides study of interdisciplinary and transdisciplinary perspectives, interdisciplinary research methods, and modes of inquiry and practice.

The program consists of three required MAS courses, six courses of the student's choice and a capstone the final semester, and gives students access to faculty members who are active practitioners of interdisciplinary inquiry. Working with the faculty, students may define their own area of emphasis or adopt an existing area within the humanities, arts and social sciences.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication, BS

Communication, BA

Psychology, BA

History, BA

Social and Behavioral Sciences, BS

Political Science, BA

English, BA

Psychology, BS

Interdisciplinary Arts and Sciences, BA

Sociology, BS

Interdisciplinary Arts and Performance, BA

Philosophy, Religion and Society, BA

Sociology, BA

Applied Science, BAS

Gender, Women and Sexuality Studies, BS

Social and Behavioral Sciences, BA

Political Science, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (MAS 585)

Required Core (9 credit hours)
MAS 501 Methods for Interdisciplinary Inquiry (3)
MAS 502 Perspectives in Interdisciplinary Studies (3)
MAS 505 Theories of Change, Culture and Mind (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
MAS 585 Capstone Course (3)

Additional Curriculum Information
The core courses are designed as a sequence meant to guide students through the program, from learning about interdisciplinarity to practicing interdisciplinary research. Therefore, students are required to take each of the core courses the first time that they are available while the student is enrolled in the program.

For electives, students work with a faculty mentor to select 18 credit hours of graduate-level coursework that helps prepare them for their capstone course or reflects particular areas of specialty or interest.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's

degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• two letters of recommendation
• an academic writing sample (preferred) or professional writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should describe the applicant's educational background, scholarly interests, and academic and professional goals.

It is preferred that the letters of recommendation come from faculty members who know the applicant's work well; if faculty are not available, the recommendations should come from individuals in supervisory or professional roles.

Submission of a resume or curriculum vitae is optional.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The program's emphasis on a variety of research methods and modes of inquiry increases graduates' value to many organizations. They reach their professional goals in a multitude of industries and organizations, including advertising and marketing, nonprofit leadership and media production, museum curatorship, community college teaching and modern entrepreneurship.

Career examples include:

- archivist
- area, ethnic and cultural studies teacher or professor
- education administrator
- high school teacher
- human resources manager
- interdisciplinary research specialist
- market research analyst or marketing specialist
- nonprofit manager
- professor
- research consultant

The skills and knowledge that graduates have acquired can be directed toward doctoral study or professional goals in any enterprise that engages in research, entrepreneurship or education.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/advising/graduate/interdisciplinary-studies-ma
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Law and Psychology, PHD (ASLPSYPHD)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Downtown Phoenix, West Valley

Program description

The Doctor of Philosophy program in law and psychology takes a broad interdisciplinary approach to train a new generation of scholars. The program combines rigorous training in the law and psychology field with training in advanced research methodology and statistics, criminological theory, and contextual training in other subfields of psychology.

The goal is for students to use this knowledge to tackle the many important but understudied areas within the legal system that are in desperate need of empirical psychological research.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (21 credit hours)
PSY 515 Quantitative Analysis I (3)
PSY 516 Quantitative Analysis II (3)
PSY 517 Quantitative Analysis III (3)
PSY 544 Advanced Psychology of Criminal Investigation (3)
PSY 545 Advanced Legal Psychology (3)
PSY 546 Advanced Forensic Psychology (3)
PSY 550 Advanced Social Psychology (3)

Required Professional Development (3 credit hours)
PSY 591 Seminar: Professional Issues in Law and Psychology (3)

Electives (33 credit hours)

Required Research (15 credit hours)
PSY 500 Research Methods (3)
PSY 792 Research (12)

Culminating Experience (12 credit hours)
PSY 799 Dissertation (12)

Additional Curriculum Information
Students are required to take 15 credit hours of research coursework and 36 credit hours of elective coursework.

When approved by the student's supervisory committee and Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework consist of electives and research.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology, criminal justice, social science, or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The GRE General test scores are optional and recommended only if you believe they will strengthen your application. GRE-subject tests are not required. ASU does not accept the GRE® General Test at home edition.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are sought-after for their distinct skill sets that combine the complexities of law and justice with human behavior. Careers can be pursued in government, academia or private enterprise.

Career examples include:

- academic researcher or instructor as a college or university professor
- criminal justice data analyst
- government or nonprofit researcher and evaluator
- legal policy researcher and evaluator
- legal or trial consultant
- mental health policy analyst or consultant
- postdoctoral research fellow

Contact information

School of Interdisciplinary Forensics | FAB N101
https://lbs.asu.edu/phd-program-faq
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Psychology (Industrial and Organizational Psychology), MS (ASPGSIOPMS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Online

Program description

The Master of Science program in psychology with a concentration in industrial and organizational psychology educates students to be well-versed in workplace empowerment strategies and interventions that are transformational and can lead to the optimal well-being and performance of individuals within organizations.

The core coursework uses concepts in psychology to emphasize training and development, professional motivation, decision-making, justice and leadership. Students engage in a rigorous curriculum that fosters advanced writing skills, and critical thinking and analytical skills to promote competence in understanding theoretical, methodological and statistical frameworks within psychology, and industrial and organizational psychology research.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), BA

Psychology (Positive Psychology), BS

Psychology, BA

Psychology (Industrial and Organizational Psychology), BS

Psychology, BS

Psychology (Industrial and Organizational Psychology), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (PSY 553)

Required Core (3 credit hours)
PSY 502 Professional Issues in Psychology (3)

Concentration (12 credit hours)
PSY 508 Choice and Decision Making (3) or PSY 550 Advanced Social Psychology (3)
PSY 509 Advanced Industrial and Organizational Psychology (3)
PSY 510 Professional Motivation and Leadership (3)
PSY 556 Cultural Intelligence (3)

Research (6 credit hours)
PSY 500 Research Methods (3)
PSY 513 Fundamentals in Quantitative Methods (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
PSY 553 Capstone in General Psychology (3)

Additional Curriculum Information
Elective coursework should be selected in consultation with the program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• one letter of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is recommended that applicants have a background in psychology, sociology, communication, business, education or another closely related field. Required program coursework assumes a basic understanding of social science statistics and research methods. It is strongly recommended that applicants have completed a statistics course or a research methods course.

The statement of purpose should be a concise and well-written response that describes the applicant's academic or career goals and how a master's degree in psychology with a concentration in industrial and organizational psychology will help them achieve those goals.

It is preferred that the letter of recommendation come from a faculty member who knows the applicant's work well; if this is not possible, the recommendation should come from an individual in a supervisory or professional role.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/industrial-organizational-masters/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) is possible for graduate students, and it enables students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances.

There are more than 50 program opportunities available, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students. Taking courses over the summer or during academic breaks with ASU professors offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Career opportunities

Graduates leave this program with a broad understanding of industrial and organizational psychology. They may pursue careers in psychology, education, business, consulting or government. In addition, the industrial and organizational coursework benefits graduates working in supervisory or management positions in corporate, government or social service professions.

Careers in which the industrial and organizational psychology concentration is beneficial include:

assessment development specialist
data scientist
human resource specialist
people science and strategy manager
product manager
psychometric analyst
service and testing supervisor
workforce planning manager

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/advising/graduate
ncgradonline@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Psychology (Positive Psychology), MS (ASPGSPPMS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

In the Master of Science program in psychology with a concentration in positive psychology, students are prepared to apply their knowledge and skills to find meaning and fulfillment in their own lives as well as contribute to transformational practices in communities and organizations that can lead to optimal well-being and more harmonious, equitable and inclusive societies.

Through the lens of historical and contemporary research in positive psychology, students in the program gain a solid grounding in the basic tenets of the field, the methodologies employed, and the development and effectiveness of interventions that seek to improve people's lives and enable them to thrive. Coursework emphasizes a theoretical, evidence-based and experiential focus on key factors that contribute to psychological well-being and optimal functioning, such as gratitude, joy, love, optimism, inspiration, compassion, creativity, resilience and mindfulness.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), BA

Psychology (Positive Psychology), BS

Psychology, BA

Psychology (Industrial and Organizational Psychology), BS

Psychology, BS

Psychology (Industrial and Organizational Psychology), BA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (PSY 553)

Required Core (3 credit hours)
PSY 502 Professional Issues in Psychology (3)

Research (6 credit hours)
PSY 500 Research Methods (3)
PSY 513 Fundamentals in Quantitative Methods (3)

Concentration (12 credit hours)
PSY 550 Advanced Social Psychology (3) or PSY 577 Advanced Developmental Psychology (3)
PSY 565 Psychology of Mindfulness (3)
PSY 585 Advanced Positive Psychology (3)
PSY 586 Emotion (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
PSY 553 Capstone in General Psychology (3)

Additional Curriculum Information
Students are enrolled in a section of PSY 553 designated specifically for the positive psychology concentration. The capstone project requires students to synthesize and organize the prior research related to a positive psychology intervention, identify a gap in the prior research, and develop a research study proposal that addresses the identified gap.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirement of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

It is recommended that applicants have a background in psychology, sociology, business, education or another closely related field. Required coursework assumes a basic understanding of social science statistics and research methods. It is strongly recommended that applicants have completed a statistics course or a research methods course.

The statement of purpose should be a concise and well-written response that describes the applicant's academic or career goals, and how a master's degree in psychology with a concentration in positive psychology will help them achieve those goals.

It is preferred that the letter of recommendation come from a faculty member who knows the applicant's work well; if this type of reference is not available, the recommendation should be from an individual in a supervisory or professional role.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/positive-psychology-masters/) for program descriptions and to request more information.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) is possible for graduate students, and it enables students in the psychology program to stand out in many career fields. Students are exposed to distinct differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances.

There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students. Taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Career opportunities

Graduates leave the program with an in-depth understanding of this growing field. They may pursue professional research careers in psychology, education, health care or marketing. In addition, the positive psychology coursework benefits graduates working in supervisory or management positions, in training or teaching roles, or in any social services profession.

Careers in which the positive psychology concentration is beneficial include:

- equity and inclusion officer

individual life coach
positive coach in sports or organizations
positive psychology research assistant
social and community services manager

Graduates can also find careers in the following industries:

business --- sales and marketing manager, human resources manager, employee assistance program manager
community health and wellness professions --- prevention specialist, youth development specialist, community health educator
education --- high school psychology teacher, character strengths educator
government --- health and wellness policy specialist, state department of public health or mental health program coordinator
social services --- family interventionist, warm line worker, occupational analyst

Contact information

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https://newcollege.asu.edu/advising/graduate
ncgradadvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Psychology (Sport Psychology), MS (ASPGSSPMS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Master of Science program in psychology with a concentration in sport psychology prepares students to apply knowledge and skills to work toward the health and achievements of individuals in a sport setting along with more harmonious, equitable and inclusive societies.

Through an interdisciplinary lens that includes psychology, communication and health, the core coursework emphasizes multiple theoretical perspectives and applications of sport psychology, culture and diversity in sports, and the cultural significance of sport fandom. Electives provide students with the flexibility to focus on areas important to their professional interests. The faculty in the sport psychology concentration are committed to providing an engaging curriculum that fosters advanced writing, critical thinking and analytical skills, and promotes competence in understanding theoretical, methodological and statistical frameworks within psychology and sport psychology research.

This program is not designed to prepare students for clinical practice. Opportunities to prepare for licensure exams are not available through this program.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), BA

Psychology (Positive Psychology), BS

Psychology, BA

Psychology (Industrial and Organizational Psychology), BS

Psychology, BS

Psychology (Industrial and Organizational Psychology), BA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (PSY 553)

Required Core (3 credit hours)
PSY 502 Professional Issues in Psychology (3)

Concentration (6 credit hours)
CMN 567 Sport, Media and Culture (3)
PSY 557 Perspectives in Sport Psychology (3)

Other Requirements (6 credit hours)
KIN 598 Topic: Performance Consulting Skills and Strategies (3)
PSY 598 Topic: Sport Fandom (3)

Research (3 credit hours)
PSY 500 Research Methods (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
PSY 553 Capstone in General Psychology (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• one letter of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

It is recommended that applicants have a background in psychology, sociology, communication, kinesiology, nutrition or a closely related field. It is strongly recommended that applicants have completed a statistics course or a research methods course.

The statement of purpose should be a concise and well-written response that describes the applicant's academic or career goals and how a master's degree in psychology with a concentration in sport psychology will help them achieve those goals.

It is preferred that the letter of recommendation come from a faculty member who knows the applicant's work well; if this is not possible, the recommendation should be from an individual in a supervisory or professional role.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) is possible for graduate students, and it enables students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances.

There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students. Taking courses over the summer or during academic breaks with ASU professors offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Career opportunities

Graduates leave this program with a broad understanding of sport psychology. They may pursue careers in psychology, education, business, consulting or various levels of athletics.

Careers in which the sport psychology concentration is beneficial include:

- athlete career and education advisor
- athletic coach
- consultant
- educator
- mental training consultant
- personal trainer
- sport research specialist
- wellness coach

Contact information

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https://newcollege.asu.edu/advising/graduate
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Psychology, MS (ASPGSMS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

The Master of Science degree program in psychology is available in two modalities (campus immersion or online) with different culminating experience options (thesis, applied project or capstone).

The campus immersion option is ideal for students who plan to pursue doctoral work or careers that involve psychological research methods such as marketing research, education research analysis, public policy analysis, research project management or program evaluation. The program is intensive and research-oriented, and it culminates in a thesis or applied project. Students receive training in advanced research methodology and statistical analysis, grant proposal writing, laboratory instrumentation, data collection, and manuscript development. Students gain firsthand exposure to designing and conducting research, analyzing data, and developing presentations and manuscripts. Students are encouraged to present research reports at professional meetings and conferences and to publish as co-authors in faculty-guided research.

The online program option gives students and working professionals an understanding of psychological theory and empirical research findings as they relate to human behavior, cognition, emotion and attitudes. The coursework is designed to help students learn about the various roles of psychologists in society today and discover which they might like to pursue. The online curriculum is focused on applications of knowledge rather than research, and students are not provided hands-on research opportunities. The online program culminates with a capstone course.

Both options offer elective courses in several areas, including abnormal psychology, affective science, behavior analysis, cognitive psychology, developmental psychology, health psychology, legal psychology, psychophysiology and social psychology.

This program is not designed to prepare students for clinical practice. Opportunities to prepare for licensure exams are not available through this degree program.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), BA

Psychology (Positive Psychology), BS

Psychology, BA

Psychology (Industrial and Organizational Psychology), BS

Psychology, BS

Psychology (Industrial and Organizational Psychology), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

36 credit hours and a thesis, or
36 credit hours including the required applied project course (PSY 593), or

36 credit hours including the required capstone course (PSY 553), or
36 credit hours including the required capstone course (PSY 553) - Mandarin Pathway

Required Core (3 credit hours)
PSY 502 Professional Issues in Psychology (3)

Research and Statistics (6 credit hours)
BDS 500 Research Methods (3) or PSY 500 Research Methods (3)
BDS 505 Statistical Methods (3) or PSY 513 Fundamentals in Quantitative Methods (3) or PSY 515 Quantitative Analysis I (3)

Additional Coursework for Campus Immersion Students (21-24 credit hours)
Statistics and research coursework (0-12)*
Foundation (0-15)
Electives (9-18)
*Additional statistics and research coursework selected in consultation with faculty and dependent on area of research interest and approved culminating experience

Additional Coursework for Digital Immersion Students (24 credit hours)
Foundation courses (15 hours)
Electives (9 credit hours)

Culminating Experience (3 or 6 credit hours)
PSY 553 Capstone in General Psychology (3)
PSY 593 Applied Project (6)
PSY 599 Thesis (6)

Additional Curriculum Information
The MS program in psychology is delivered in person as well as online through digital immersion. Students in the online program and the Mandarin pathway will only have the option to complete a capstone course. The thesis and applied project are for in-person program students and are determined in consultation with faculty. The capstone course may be approved for in-person students.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Priority is given to applicants who have achieved a 3.25 GPA or higher.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• two letters of recommendation

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

At the time of applying, students must identify the culminating experience they wish to pursue. Students applying to the capstone course option are only considered for the online program. Students applying to the thesis or applied project option are only considered for the in-person program.

Applicants must provide evidence of successful completion of an undergraduate or graduate social science statistics and research methods course. Typically, these prerequisite courses should be in a social science field; however, applicants may apply with courses outside a social science field.

The statement of purpose should describe the applicant's educational background, scholarly interests and academic and professional goals.

It is preferred that the letters of recommendation be from faculty members who know the applicant's work well; if these are not available, then recommendations should be from individuals in supervisory or professional roles. Two letters of recommendation are required. However, for the in-person program, three letters of recommendation are strongly recommended.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-psychology/) for program descriptions and to request more information.

Career opportunities

The campus-based MS degree program in psychology is specialized to prepare graduates for admission to doctoral programs in psychology in areas that include clinical or counseling, social, cognitive and developmental specialties. Graduates may pursue professional research careers in education, health care or marketing.

Although some graduates of the online MS degree program have received admission to a doctoral program, the online curriculum is not research-intensive, and most students in the online program are pursuing the MS in psychology to benefit their current or future careers in education, social service, for-profit and nonprofit organizations, or management.

Career examples include:

community health worker
health educator
market research analyst and marketing specialist
medical and health services manager
mental health counselor
psychology teacher, postsecondary
social and community service manager
social and human services assistant
social science research assistant

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/psychology-ms
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Social Data Science, MA (ASSTCMA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

The Master of Arts program in social data science is designed for those interested in the social implications of big data and the ways that data science can provide insight into the understanding of social systems. Students engage in research at the intersection of data and society, preparing to become leaders in the field.

Artificial intelligence and algorithmic structures of social interaction represent significant challenges to society, and questions of equity, privacy and autonomy have become a recurring public concern. These technologies also may provide the keys for addressing substantial social issues. The critical analysis of these socio-technical systems requires both technical abilities and an understanding of social theory. This program provides those skills.

The program combines a thorough grounding in digital social science with the skills needed to analyze social data. This distinct combination enables students to understand and contribute to building ethical social platforms, to manage creative communities, and to understand network-mediated social change. Students work through a series of courses that provide a grounding in social theory and digital research methods, and they produce work that exemplifies their understanding of the state of the art in applying social data science within organizational and community contexts.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biology, BA

Psychology, BA

Political Science, BA

Social Justice and Human Rights, BA

Psychology, BS

Sociology, BS

Environmental Science, BA

Sociology, BA

Political Science, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (STC 570)

Required Core (18 credit hours)
SDS 501 Theories of Data and Society (3)
SDS 510 Data Wrangling (3)
SDS 527 Ethics and Policies of Social Data (3)
SDS 537 Technologies of Community (3)
SDS 550 Computational Social Methods I (3)
SDS 551 Computational Social Methods II (3)

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
SDS 570 Social Data Projects (3) or
SDS 599 Thesis (6)

Additional Curriculum Information
Students complete either a three credit hour capstone course (STC 570 Social Data Projects) or a six credit hour thesis (STC 599). Students who choose the capstone course complete nine hours of electives. Students who choose the thesis complete six hours of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• academic writing sample (preferred) or professional writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

This application requires a statement of purpose. The following prompts should be answered within the statement. The response to each question should be no longer than 250 words.
• What about this program attracted you to it specifically, as opposed to other programs?
• What would be your ideal career after completing this program, and what about the career appeals to you? Feel free to mention multiple alternatives.
• In your education thus far, what has been your favorite course or learning experience, and what did you love about it?
• What is a project you have completed --- either solo or as a leader of a team --- that you particularly enjoyed or that you are especially proud of, and what elements made it so?
• Among the attributes, knowledge or skills you have already developed, which do you think will be most useful to your graduate school experience? What areas do you think you most need to develop in order to be successful in your future endeavors?

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/social-data-science/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to advise institutions on appropriate policies and to draw on large-scale trace data to help address significant social issues. They are well-positioned for research roles in businesses, nonprofits and government organizations; to work with organizations to help them make ethical and effective use of social data; and for consulting roles regarding broader issues of social change and networked technologies. They also may continue on to doctoral work in cognate fields.

The program deliberately seeks to be more reflective of the diversity of those who are affected by datafication and to actively promote the careers of professionals who are underrepresented in data-related fields.

Career examples include:

chief information officer
communications director
community manager
data journalist
intelligence or policy analyst
program or project manager
public affairs specialist
research and data analyst
social media manager
social strategist

Contact information

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https://newcollege.asu.edu/advising/graduate
NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Social Justice and Human Rights (Certificate), Certificate (ASJHRGRCT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Students in the social justice and human rights graduate certificate program explore key topics, such as labor, migration, education and the environment, and the legal, political, historical and cultural frameworks that contextualize them. They gain deeper insight into the theory and practice of social justice, human rights and humanitarian efforts, making the program well-suited for those aiming to channel their interests and passions toward ethical responses to social injustice and human rights abuses.

Students may focus on specific issues in international or domestic contexts, including refugee resettlement, immigration and citizenship, human trafficking, racialized violence, and international human rights law and organizations. In courses taught by experienced faculty from various disciplines, students develop an understanding of how social justice and human rights issues are defined by multiple and intersecting forms of inequality and social identity, including gender, race, ethnicity, class, sexuality and nationality. Students may also select courses to develop practical skills in research and grant writing or participate in an internship to gain experience.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
JHR 501 Proseminar in Social Justice and Human Rights (3) or
JHR 502 Foundations of Social Justice and Human Rights (3)

Electives (12 credit hours)

Additional Curriculum Information
Students should see their program advisor for a complete list of elective courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in anthropology, sociology, psychology, political science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admissions application and application fee
• official transcripts
• personal statement
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be 500 words or less. It should describe the applicant's academic or career goals and how a graduate certificate in social justice and human rights will help achieve those goals. The personal statement should also describe what area of social justice and human rights the applicant is most interested in and why.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) is possible for graduate students, and it allows students to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning.

Career opportunities

Graduates who hold a certificate in social justice and human rights can begin or advance their careers in advocacy work in nonprofit or government agencies, humanitarian work, international law and advocacy, as well as in careers that enable them to address forced migration, trafficking and gender-based or racialized violence.

Career examples include:

advocate or lobbyist
community organizer
grant writer
humanitarian aid worker
policy analyst or researcher
program officer
public defender
social justice specialist or consultant
social service worker

Contact information

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NCGradAdvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Social Justice and Human Rights, MA (ASJHRMA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

Students in the Master of Arts program in social justice and human rights explore key topics, such as labor, migration, education and the environment, and the legal, political, historical and cultural frameworks that contextualize them. The program is well suited to those who aim to channel their interests and passions toward ethical responses to social injustice and human rights abuses.

Students may focus on specific issues in international or domestic contexts, including refugee resettlement, immigration and citizenship, human trafficking, racialized violence, and international human rights law and organizations. In theoretically and methodologically rigorous courses taught by experienced faculty from various disciplines, students develop an understanding of how social justice and human rights issues are defined by multiple and intersecting forms of inequality and social identity, including gender, race, ethnicity, class, sexuality and nationality.

Many students complete internships domestically or internationally; interns typically work alongside other researchers and advocates for social justice to grasp the complexities of the issues and to hone their abilities to work effectively in research and advocacy contexts. Internships may also inform the basis of the culminating experience: a traditional MA thesis, an applied project or a capstone course.

Students gain deeper insight into the theory and practice of social justice, human rights and humanitarian efforts, and they develop practical skills in research and grant writing.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biology, BA

Social and Cultural Analysis (American Studies), BA

Communication, BS

Communication, BA

Social and Cultural Analysis (Women and Gender Studies), BA

Psychology, BA

History, BA

Social and Cultural Analysis (Peace Studies), BA

Social and Behavioral Sciences, BS

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA

Political Science, BA

Social Justice and Human Rights, BA

English, BA

Social and Cultural Analysis (Latin American Studies), BA

Psychology, BS

Interdisciplinary Arts and Sciences, BA

Social and Cultural Analysis (Queer and Sexuality Studies), BA

Sociology, BS

Environmental Science, BA

Interdisciplinary Arts and Performance, BA

Philosophy, Religion and Society, BA

Sociology, BA

Applied Science, BAS

Latin American Studies, BA

Gender, Women and Sexuality Studies, BS

Social and Behavioral Sciences, BA

Political Science, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (JHR 593), or
30 credit hours including the required capstone course (JHR 549)

Required Core (6 credit hours)
JHR 501 Proseminar in Social Justice and Human Rights (3)
JHR 502 Foundations in Social Justice and Human Rights (3)

Professional Development (3 credit hours)
JHR 506 Grant Writing for Social Justice and Human Rights (3)
JHR 515 Power and Inequality in Academia and Activism (3)
JHR 584 Internship (3)

Research (6 credit hours)
JHR 500 Research Methods (3)
JHR 525 Critical Methodologies in Social Justice and Human Rights (3)

Electives (9 or 12 credit hours)
JHR 503 Gender-based Violence and Sex Trafficking (3)
JHR 504 International Law and Organizations (3)
JHR 505 Migration, Asylum and Refugees (3)
JHR 510 Problem-based Seminar in Social Justice and Human Rights (3)
JHR 540 Critical Humanitarianism (3)
JHR 550 Global Justice (3)
JHR 598 Topic: Global Racial Justice (3)

Culminating Experience (3 or 6 credit hours)
JHR 549 Capstone in Social Justice and Human Rights (3) or
JHR 593 Applied Project (6) or

JHR 599 Thesis (6)

Additional Curriculum Information
Campus students pursuing JHR 593 or JHR 599 complete nine credit hours of electives coursework. All online students and campus students who select JHR 549 Capstone in Social Justice and Human Rights complete 12 credit hours of electives coursework. All students select one course to complete the professional development requirement.

Course availability depends on the semester and modality. Students select professional development and elective courses based on academic and professional interests and course availability. Additional elective courses may be approved by the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants must have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:
• graduate application and application fee
• official transcripts
• statement of purpose
• two letters of recommendation
• an academic writing sample (preferred) or professional writing sample
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should be a concise and well-written response to the following prompts:

• Describe your academic or career goals and how a MA degree in social justice and human rights will help you achieve these goals.
• Social justice and human rights is a discipline with a wide variety of topics. Briefly describe what area of social justice and human rights you are most interested in and why.

It is preferred that the letters of recommendation come from faculty members who know the applicant's work well; if this is not possible, letters of recommendation from individuals in supervisory or professional roles are accepted. It is strongly preferred that at least one letter come from a faculty member.

A writing sample is recommended but not required for students applying to the digital immersion program. If the applicant does not meet the minimum GPA requirements, the application may still be considered.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/social-justice-and-human-rights-ma/) for program descriptions and to request more information.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students. Taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

Graduates with a master's degree in social justice and human rights can begin or advance their careers in advocacy work in nonprofit or government agencies, humanitarian work, international law and advocacy, as well as in roles that enable them to address forced migration, trafficking, and gender-based or racialized violence.

Career examples include:

- advocate or lobbyist
- community organizer
- grant writer
- humanitarian aid worker
- policy analyst or researcher
- program officer
- public defender (with further education)
- social justice specialist or consultant
- social service worker

Graduates from this program are well positioned to pursue additional graduate education, such as law school or doctoral programs.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/social-justice-and-human-rights-ma
ncgradadvising@asu.edu
602-543-3000
Admission deadlines (https://newcollege.asu.edu/admissions/deadlines)

Journalism and Mass Communication, Walter Cronkite School of

Digital Audience Strategy, MS (CSDASMS)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: ASU at Los Angeles, Online

Admission to this program is limited to students who do not have an undergraduate degree or minor in digital audiences.

Program description

The Master of Science program in digital audience strategy prepares students to design and execute digital strategies through a data-driven, multidisciplinary, hands-on curriculum.

Students learn to measure and analyze how consumers interact with content online, on social media and on mobile devices. Using those measurement skills, students develop strategies and tactics to grow audiences through search engine optimization, search engine marketing, paid and organic social media campaigns, and digital content creation. They work with clients to develop, test and execute audience growth strategies in real time.

Through required coursework in media law and entrepreneurship, students learn to make sound business decisions regarding consumer privacy, digital data security and community engagement. Through elective courses, students develop additional expertise in areas such as management, audience data and intellectual property. Graduate students may also pursue an internship for elective credit.

Students graduate from the program ready to drive audience growth, lead digital marketing and further business development.

The MS in digital audience strategy is offered as an accelerated bachelor's plus master's degree with the Bachelor's of Arts in journalism and mass communication (https://degrees.apps.asu.edu/bachelors/major/ASU00/CSJMCBA/journalism-and-mass-communication). Interested students should visit Cronkite's accelerated master's program (https://cronkite.asu.edu/accelerated-masters-degrees/) page to learn about eligibility requirements and review how to apply (https://acceleratedmasters.asu.edu/how-apply).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Journalism and Mass Communication, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (MCO 566)

Required Core (21 credit hours)
MCO 506 Media Law for Strategic Communication (3)
MCO 556 Media Entrepreneurship (3)
MCO 561 Defining the Digital Audience (3)
MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)
MCO 563 Social Media Campaigns and Engagement (3)
MCO 564 Digital Audience Research and Behavior (3)
MCO 565 Digital Audience Analytics (3)

Electives or Internship (6 credit hours)

Culminating Experience (3 credit hours)
MCO 566 Digital Audience Management (3)

Additional Curriculum Information
For electives or internship, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in journalism, communications, public relations or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement of intent
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL scores must be at least 100 for the internet-based examination taken in a testing center; IELTS scores must be at least 7.5; and Duolingo scores must be at least 135.

In 300 to 500 words, the personal statement of intent should describe the applicant's interest in the MS in digital audience strategy, explain how previous academic or professional experience will inform the applicant's work in the program and how the program will help achieve personal or career goals of the applicant.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/digital-audience-strategy-ms/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Lead audience growth strategies using digital platforms.
- Use professional tools, technology, techniques and audience research to create effective, optimized content and campaigns for search engines, and be prepared for paid and organic search engine work in media careers.
- Able to use professional tools, technology and techniques to develop audiences, content and behavior, and be prepared for analytics tasks in media careers.
- Able to use professional tools, technology and techniques to create effective, strategic social media campaigns and be prepared for paid and organic social media work in media careers.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education Office (https://goglobal.asu.edu/students/graduate-students) website.

Career opportunities

The digital field is rapidly growing and true experts are highly sought after. The MS program in digital audience strategy equips students with the knowledge and skills they need to launch a new career in digital marketing, content creation, social media and SEO. Graduates are empowered and ready to accelerate their current communications career, able to step into leadership positions to steer digital marketing and communications teams.

Careers in this field include:

- marketing associate
- marketing manager
- market research analyst
- SEO specialist
- social media manager

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 302
https://cronkite.asu.edu/
cronkitegrad@asu.edu
602-496-5555

Digital Audiences (certificate), Certificate (CSDASGRCT)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: ASU at Los Angeles, Online

Program description

The graduate certificate in digital audiences prepares students to drive audience growth and engagement in any industry.

Students learn to measure and analyze how consumers interact with content online, on social media and on mobile devices. Using those measurement skills, students develop strategies and tactics to grow audiences through search engine optimization, search engine marketing, paid and organic social media campaigns, and digital analytics.

This program is designed for professionals who want to develop new skills, take on new responsibilities or more effectively promote their work.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
MCO 561 Defining the Digital Audience (3)
MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)
MCO 563 Social Media Campaigns and Engagement (3)
MCO 564 Digital Audience Research and Behavior (3)
MCO 565 Digital Audience Analytics (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants must have earned a bachelor's or master's degree in communications, political science, business or a related field from a regionally accredited institution. Admission to this program is limited to students who do not have an undergraduate degree or minor in digital audiences.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL scores must be at least 100 for the internet-based examination (iBT) taken in a testing center. IELTS scores must be at least 7.5. Duolingo scores must be at least 135.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/digital-audience-strategy-graduate-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Able to use professional tools, technology and techniques to develop audiences, content and behavior, and be prepared for analytics tasks in media careers.
- Able to use professional tools, technology and techniques to create effective, strategic social media campaigns and be prepared for paid and organic social media work in media careers.
- Able to use professional tools, technology techniques and audience research to create effective, optimized content and campaigns for search engines, and be prepared for paid and organic search engine work in media careers.

Career opportunities

Graduates who complete the digital audiences graduate certificate are able to pursue careers in digital marketing, communications, digital strategy and social media.

Careers in this field include:

- digital marketer
- marketing associate
- market research analyst
- SEO specialist
- social media specialist

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
cronkitegrad@asu.edu
602-496-5055

Investigative Journalism, MA (CSINVJOUMA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix

Spring and Summer applications are only open to current undergraduate Cronkite students in the accelerated master's program.

Program description

The Master's of Arts program in investigative journalism prepares students to launch high-level investigative reporting careers at the world's most prestigious news organizations.

This program is designed for career switchers who have experience in fields such as law, health, business, government and the arts, and for early-career and mid-career journalists who want to develop specialization in investigative

techniques.

Students combine their existing knowledge with investigative reporting techniques, multimedia production skills and interdisciplinary research methods to produce storytelling with deep public impact.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Journalism and Mass Communication, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

36 credit hours including the required capstone course (MCO 570)

Required Core (12 credit hours)
MCO 503 Media Law (3)
MCO 510 Data Journalism (3)
MCO 530 History, Philosophy and Ethics of Journalism (3)
MCO 545 Techniques of Investigative Reporting (3)

Other Requirements (9 credit hours)
MCO 502 Multimedia Storytelling (8)
MCO 544 Accountability in Journalism (1)

Research (6 credit hours)

Culminating Experience (9 credit hours)
MCO 570 Master of Mass Communication Capstone (9)

Additional Curriculum Information
Students must complete a total of eight credit hours of MCO 502, which is offered at variable credit hours and can be taken multiple times.

Students must complete six credit hours of interdisciplinary research methods courses offered under the MCO 591 course listing. Selection of these courses will require departmental approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any discipline or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• professional resume
• letter of intent
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants must receive a score of 100 or better on the TOEFL iBT® taken in a testing center. IELTS scores must be at least 7.5. Duolingo scores must be at least 135.

Applicants should provide a 300- to 500-word statement describing interest in investigative journalism, career goals, and how previous work and academic experience have prepared the student for success.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate the principles of journalism, such as accuracy, fairness, timeliness, diversity and privacy, and apply such principles to their course requirements.
- Evaluate ethical, diversity and legal standards relevant to the journalism industry and create culturally proficient communication.
- Develop the tools, technology and techniques for investigative reporting that adheres to accepted journalistic standards and practices, and which prepares them for high-level investigative reporting careers.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find more information on available programs on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

Investigative reporting is in high demand in news organizations of all sizes, and graduates of Cronkite's MA program in investigative journalism are particularly prepared to excel in these positions, applying experience with investigative reporting techniques, data analysis and immersive storytelling using text, photo, video and audio content.

Graduates have accepted investigative positions at news organizations across the country and around the world, such as NPR, The Associated Press, Inside Climate News, the International Consortium of Investigative Journalists, OpenSecrets, Houston Chronicle, Dallas Morning News and Arizona Center for Investigative Reporting.

Contact information

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602-496-5555

Journalism and Mass Communication, PHD (CSJMCPHD)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix

Program description

The Doctor of Philosophy program in journalism and mass communication is a highly individualized program that attracts seasoned media professionals transitioning to academia, as well as recent graduates of master's degree-level programs in journalism and communication, social and behavioral sciences, or the humanities.

Students have access to the resources, training and mentorship they need to answer critical questions that challenge the fields of journalism, digital and social media, strategic communication and audience studies, and global mass communication.

The program is designed around core values of inclusive excellence, collaboration and mentoring, transdisciplinarity and original research.

Students are able to develop individual programs of study, taking coursework and drawing on knowledge and methodologies from diverse fields that have a bearing on questions within mass communication. Examples include political science, film, computer and data sciences, sociology and anthropology.

Within the Cronkite School, students work closely with faculty mentors and fellow students on collaborative projects, develop their own research programs, and benefit from the advice and examples of senior scholars for personalized guidance.

The goal of the program is to train scholars capable of identifying key questions, designing appropriate studies to investigate those questions, and conducting independent and impactful research. Students are exposed to a wide variety of theories and methods, enabling them to forge their own scholarly identity based on interests and aptitudes.

The Cronkite School is committed to creating an environment in which everyone feels they are represented, their experience is equitable, they are fully accepted for who they are and they are valued. The school strives daily to be a welcoming place for all members of the community, where the importance and contribution of each individual are valued and respected.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (18 credit hours)

Electives (18 credit hours)

Other Requirements (24 credit hours)
previous master's degree or additional hours approved by the supervisory committee (24)

Research (12 credit hours)

Dissertation (12 credit hours)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

Students entering the program with a master's degree in journalism or mass communication or a related field must complete 60 credit hours of coursework. Students who are admitted to the program without a master's degree are required to complete an additional 24 credit hours of coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement of interest
• statement of research goals
• resume
• samples of scholarly work (optional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL scores must be at least 100 on the internet-based test; a Duolingo score must be at least 120.

The personal statement of interest should be approximately 1,000--1,500 words and explain why the student wants to pursue a doctorate in mass communication as well as why the Cronkite School program fits their career and personal aims.

The statement of research goals should indicate at least two Cronkite research faculty members with whom the student would like to work, supported by relevant citations of the faculty members' scholarly publications.

Students should see the program website for application deadlines and admission terms. Applicants must meet all deadlines and application requirements to be considered.

The Cronkite School's doctoral committee reviews complete applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: The Cronkite doctorate program is multicultural, with students and alumni hailing from all over the world and bringing their experiences into seminar discussions and research. There are also opportunities to work on international grant-funded research projects led by Cronkite faculty to broaden students' perspective on issues within the discipline. More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

Graduates with a doctorate in journalism and mass communication are prepared for a number of career opportunities.

Professionals with expertise in mass media and communications are in high demand as universities and institutions train the next generation of media professionals. Career examples include:

- industry researcher or trainer
- media analyst
- media consultant
- university professor

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 302
https://cronkite.asu.edu/
cronkitegrad@asu.edu
602-496-5555
Admission deadlines (https://cronkite.asu.edu/admissions/)

Mass Communication, MMC (CSMCOMMMC)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix

Program description

The Master of Mass Communication degree program immerses students in the practices of journalism and strategic communications, preparing them for careers in news, documentary storytelling, advocacy, community engagement or corporate communications.

This 36 credit hour master's degree program begins with a multimedia boot camp, teaching students how to tell stories with text, photo, video and audio elements. In the second semester, students choose from a selection of more advanced courses, such as those focused on narrative writing, podcasting, advanced broadcast production, documentary production, health reporting, Spanish-language news, transborder coverage, public relations research, strategic communications storytelling and media entrepreneurship.

The program culminates in a professional immersion experience in one of the Cronkite School's strategic communication labs or news bureaus in Los Angeles, Phoenix or Washington, D.C. Working under the guidance of award-winning journalists and strategists, these capstone programs (https://cronkite.asu.edu/experiences/) offer practical experience in a professional news or agency environment.

This program is offered concurrently (https://cronkite.asu.edu/graduate-programs/) with degrees from ASU's Sandra Day O'Connor College of Law and ASU's School of Sustainability. It is also offered in a dual MD/MMC degree with the Mayo Clinic Alix School of Medicine.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Sustainability Solutions, MSUS

Legal Studies, MLS

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Journalism and Mass Communication, BA

Sports Journalism, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (MCO 593)-Mid-Career, or
30 credit hours including the required capstone course (MCO 570)-Mid-Career, or
36 credit hours including the required capstone course (MCO 570)-Full Time

Required Core (9 credit hours)
MCO 503 Media Law (3)
MCO 510 Data Journalism (3) or MCO 536 Public Relations Research (3)
MCO 525 21st-Century Media Organization and Entrepreneurship (3)

Electives (6 credit hours)

Other Requirements (12 credit hours)
MCO 502 Multimedia Storytelling (8)
MCO 504 Cronkite Master's Seminar (1)
MCO 530 History, Philosophy and Ethics of Journalism (3) or MCO 519 Strategic Communications Leadership and Ethics (3)

Culminating Experience (3 or 9 credit hours)
MCO 570 Master of Mass Communication Capstone (3 or 9)
MCO 593 Applied Project (3)

Additional Curriculum Information
The master's degree program is a full-time, 36 credit hour program. Students with extensive professional journalism experience may be offered the opportunity to pursue the 30 credit hour mid-career option.

Students must complete a total of eight credit hours of MCO 502, which is offered at variable credit hours and can be taken multiple times.

Students should see the academic unit for a complete list of approved electives. Other requirement coursework may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement of interest (350 to 500 words in length)
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL scores must be at least 100 for the internet-based examination taken in a testing center. IELTS scores must be at least 7.5. Duolingo scores must be at least 135.

The Cronkite School's graduate committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Develop the tools, technology and techniques for content creation that adheres to accepted journalistic standards and practices, and which prepares them for careers in media and communication.
- Evaluate ethical, diversity and legal standards relevant to the journalism industry and create culturally proficient communication.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find more information on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

The skills of strong reporting, research, writing and multimedia production are in high demand across industries, including in journalism, strategic communication, nonprofit leadership, international affairs, political advocacy and entrepreneurship.

Career examples include:

- digital strategist
- documentary producer
- entrepreneur
- marketing director
- media executive
- photojournalist
- podcast producer
- reporter
- videographer

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 302
https://cronkite.asu.edu/
cronkitegrad@asu.edu
602-496-5555

Narrative and Emerging Media, MA (CSNEMMA)

College/School: Walter Cronkite School of Journalism and Mass Comm
Herberger Institute for Design and the Arts

Campus: ASU at Los Angeles

Program description

In the Master of Arts program in narrative and emerging media, students learn how to tell stories that aren't just watched or read --- they're experienced. In under one year, students learn innovative storytelling techniques, explore the emerging media marketplace, connect with the field's top professionals and develop critical media project management skills.

Through hands-on learning, students explore the entire landscape of emerging immersive media techniques --- including augmented reality, virtual reality, extended reality, 360 video, animated graphics, short-form digital video and documentary production --- to tell creative fictional stories or create nonfiction journalistic work. Students capture and create content for workflow in multiple industries, and they learn to lead teams of producers, engineers, writers and artists across different technologies. They build business acumen and gain enhanced insight into the research, development, and finance and business models driving the future of emerging media, which are central to the program.

Delivered exclusively at the ASU California Center Broadway in downtown Los Angeles, the program immerses students in a state-of-the-art emerging media hub. The building includes a state-of-the-art virtual production stage --- and ASU is

one of only a handful of U.S. universities to provide this incredible studio. In addition, the building has a green screen studio that allows for virtual-reality productions and live broadcasts, as well as markerless motion capture. Students learn and work in these spaces to create compelling visual storytelling for client productions and their own passion projects.

Students engage in courses that anchor content creation and project management with communication theory and current case studies, along the way building a cohesive portfolio of professional work aligned with industry standards. Students also network and receive critiques from industry professionals whose work may inspire their own. Students who complete the program are well-prepared to leap into creation, production and project management roles across the media industry or to pursue independent work.

This is a joint program offered by The Sidney Poitier New American Film School and the Walter Cronkite School of Journalism and Mass Communication.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required applied project course (NEM 693)

Required Core (21 credit hours)
NEM 501 Emerging Media (3)
NEM 510 Narrative Development and Pre-Production (3)
NEM 515 Emerging Media Production (3)
NEM 530 Emerging Media Project Management (3)
NEM 550 Diversity and Ethics in Emerging Media (3)
NEM 585 Portfolio (3)
NEM 630 Emerging Media for Clients (3)

Other Requirements (3 credit hours)
NEM 520 AR/VR/XR for Storytelling (3)
NEM 525 Virtual Production for Storytelling (3)
NEM 601 Short Form and 360 Video Production (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
NEM 593 Applied Project (3)

Additional Curriculum Information
NEM 585 is a one credit hour course that must be taken three times, for a total of three credit hours.

Students must complete one course from the Other Requirements list.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of the Graduate College, the Walter Cronkite School of Journalism and Mass Communication, and the Herberger Institute for Design and the Arts.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad is possible for graduate students. Students may use elective slots to participate in applicable study abroad experiences (https://goglobal.asu.edu/). Students are also encouraged to pursue work globally for their applied projects.

Career opportunities

Graduates are prepared to thrive in a growing, emerging media industry. According to a Bureau of Labor Statistics report in 2023, the world's largest economies will see a 23% increase in jobs related to virtual reality by 2030.

Graduates are well-suited to careers in AR, VR and XR production; immersive storytelling; virtual production; journalism and documentary production; and media project management, or to become entrepreneurial storytellers ready to seek funding for their own projects.

Contact information

The Sidney Poitier New American Film School and Walter Cronkite School of Journalism and Mass Comm | HEXB 510-512
https://film.asu.edu/degree-programs/narrative-and-emerging-media
MANEM@asu.edu
602-496-5555

Sports Journalism, MA (CSSPJMA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix

Spring and Summer applications are only open to current undergraduate Cronkite students in the accelerated master's program.

Program description

Sports media is among the fastest-growing sectors of the media industry. The Master of Arts in sports journalism is a 36 credit hour, three-semester program providing students with extensive preparation for careers in sports media and communication.

Students begin with intensive multimedia skills courses, which teach them to produce sports and news coverage across broadcast, digital and print platforms. From there, students choose advanced classes in sports reporting, videography, podcast production, live sports production, play-by-play delivery, narrative writing or documentary video before finishing the program in sports bureaus located in Phoenix or Los Angeles, or at the Cronkite Agency, an immersive strategic communications agency experience at the Cronkite School.

Students learn the values and principles embodied by Walter Cronkite in classes that focus on ethics and media law, and they can complete the degree program in as little as 12 months.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Journalism and Mass Communication, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

36 credit hours including the required capstone course (MCO 570)

Required Core (15 credit hours)
MCO 503 Media Law (3)
MCO 510 Data Journalism (3)
MCO 526 Advanced Issues in 21st Century Sports and Media (3)
MCO 529 Ethics in Sports Media (3)
MCO 540 Sports Reporting (3)

Electives or Research (3 credit hours)

Other Requirement (9 credit hours)
MCO 502 Multimedia Storytelling (8)
MCO 504 Cronkite Master's Seminar (1)

Culminating Experience (9 credit hours)
MCO 570 Master of Mass Communication Capstone (9)

Additional Curriculum Information
Students must complete a total of eight credit hours of MCO 502, which is offered at variable credit hours and can be taken multiple times.

Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants must have earned a bachelor's or master's degree in a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement of interest (350 to 500 words in length)
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL scores must be at least 100 for the internet-based examination taken in a testing center. IELTS scores must be at least 7.5. Duolingo scores must be at least 135.

The Cronkite School's graduate committee reviews complete and on-time applications on a rolling basis, with priority for admission and funding for applications received by Dec. 1.

Spring and summer applications are open to only current undergraduate Cronkite students in the accelerated master's program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate the principles of journalism, such as accuracy, fairness, timeliness, diversity and privacy, and apply such principles to their course requirements.
- Evaluate ethical, diversity and legal standards relevant to the journalism industry and create culturally proficient communication.
- Develop the tools, technology and techniques for sports content creation that adheres to accepted journalistic standards and practices, and which prepares them for careers in sports media and communication.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Students can find more information on the Global Education Office (https://goglobal.asu.edu/students/graduate-students) website.

Career opportunities

Expertise in the sports journalism field is in high demand across sports organizations, news networks and digital media outlets. The high-value takeaways and tactical skills gained in the sports journalism master's degree program turn students into competitive job candidates and sports journalism leaders.

Career opportunities for graduates with a sports journalism master's degree include:

- sports editor
- sports news reporter
- sports play-by-play announcer
- sports podcast or radio host
- sports PR and strategic communications professional
- sports television and video producer
- sports television reporter
- team, league or conference reporter

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 302
https://cronkite.asu.edu/
cronkitegrad@asu.edu
602-496-5555

Strategic Communication, MA (CSSTRCOMMA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix

Program description

Students in the Master of Arts program in strategic communication gain the media skills, techniques, critical-thinking skills and leadership capacity to advance careers across media and communication in agencies, sports, corporations, government agencies and nonprofit organizations.

Students develop the ability to address communication challenges through courses in strategy development, research methods, content creation, crisis communication, ethics, campaign planning and others. Courses in communication management, leadership, project management and finance can also help learners become leaders.

Students begin their experience by developing foundations in communication history, theory and ethics. An emphasis on content creation prepares students to produce both traditional public relations campaigns, persuasive writing and media relations plans, as well as innovative strategic content including client-video storytelling and digital content hubs. Then, via the school's teaching hospital model, students receive immersive, hands-on training in advanced tools, progressive techniques and practical client work across a faculty-led, student-run agency.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (MCO 570)

Required Core (18 credit hours)
MCO 502 Multimedia Storytelling (8)
MCO 504 Cronkite Master's Seminar (1)
MCO 506 Media Law for Strategic Communication (3)
MCO 519 Strategic Communications Leadership and Ethics (3)
MCO 525 21st Century Media Organization and Entrepreneurship (3)

Other Requirements (3 credit hours)
MCO 537 Strategic Communications Writing (3) or
MCO 561 Defining the Digital Audience (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
MCO 570 Master of Mass Communication Capstone (3)

Additional Curriculum Information
Elective courses should be selected in consultation with the program advisor; some courses require department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• professional resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants must achieve a score of 100 or better on the TOEFL iBT, taken in a testing center. IELTS scores must be at least 7.5. Duolingo scores must be at least 135.

Applicants should provide a 300- to 500-word statement describing their interest in strategic communication, their career goals, and how previous work and academic experience have prepared the student for success.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Study abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning. More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/).

Career opportunities

Content creation and campaign strategy skills are in high demand across the media industries. Many strategic communicators pursue careers in agency or corporate environments, while others leverage their skills in work with multiple clients or as media entrepreneurs.

Graduates possess skills that are transferable across communications fields and organizations, including:

- arts and entertainment
- athletic teams
- colleges and universities
- communication agencies
- government agencies and political groups
- nonprofit organizations
- public relations firms
- retail and hospitality brands

Graduates can apply their advanced media skills to a variety of roles, including:

- brand storytellers
- community engagement specialists
- content creators
- digital strategists
- media executives
- media relations specialists
- PR professionals
- strategic communications leaders

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 302
https://cronkite.asu.edu/
cronkitegrad@asu.edu
602-496-5555

Law, Sandra Day O'Connor College of

Biotechnology and Genomics, LL.M. (LWGENOMLLM)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

Program description

Today's lawyers must be prepared to handle challenges such as those that surround international trade, evidentiary standards, personalized medicine, licensing and business planning, to name a few.

The Master of Laws program in biotechnology and genomics is associated with the Center for Law, Science and Innovation, the nation's largest and oldest multidisciplinary research center focusing on the legal implications of new scientific discoveries and emerging technologies. The faculty has a long history of high-quality teaching, and a vast number of faculty members hold postgraduate degrees in a wide array of sciences.

Coursework and research opportunities are diverse. Through classroom instruction and guided independent study, LLM students examine the legal issues surrounding genetic applications such as:

• cloning
• forensic evidence
• gene testing
• gene therapy
• genetically modified organisms
• stem cells and behavioral genetics

The issues relate to:

• business planning
• confidentiality
• evidentiary standards
• intellectual property
• international trade
• liability
• licensing
• privacy
• regulation

Students explore and examine the law that enables and constrains the development, control and application of biotechnology and genomics.

Forensic science and ethical constraints on the various contemplated uses are also important elements of the program.

Because the legal, ethical and policy aspects of genomics and biotechnology are of global significance, this program is also beneficial for non-U.S. lawyers. Candidates for the LLM degree must have received their Juris Doctor or comparable terminal law degree from another country.

STEM-OPT extension eligible: No

Degree requirements
The program is designed to be completed in nine months on a full-time basis but may be pursued on a part-time basis.

A degree candidate must complete 24 credit hours of coursework to obtain the LLM degree in biotechnology and genomics. A candidate may elect to write a graduate thesis for either three or six credit hours; a candidate may also elect not to write a thesis and to fulfill the equivalent credit requirements with other coursework. Two required courses are Genetics and the Law, and Biotechnology: Science, Law and Policy.

The remaining credit hours generally are obtained from the list of elective courses. With faculty advisor approval, a candidate may satisfy up to six credit hours with courses offered by other ASU departments or by law courses that are not included on the approved elective list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants should see the program website for application deadlines.

Admission to the program is competitive. To be admitted, an applicant must have completed a JD degree program or a law degree program at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country, and have submitted a complete application to the program. Selection is based on:

• academic background and potential
• career experience and ambitions
• diversity of experience and background
• space and resource limitations in the law school
• strength of experience related to the program sought and other factors

For an application to be considered complete, it must include the following:
• completed Law School Admission Council electronic application form (https://law.asu.edu/admission/llm), linked to on the ASU Law admission page
• completed LLM Credential Assembly Service report: https://www.lsac.org/llm-other-law-program-applicants/application-process-llm-other-law-programs (https://www.lsac.org/llm-other-law-program-applicants/application-process-llm-other-law-programs)
• required application fee
• resume that does not exceed three typed pages
• personal statement that does not exceed 1,250 words (double-spaced typed pages)
• transcripts from all institutions attended, including the transcripts showing that the bachelor's degree and law degree were conferred
• two letters of recommendation
• writing sample

Additional Application Information
Transcripts and letters of recommendation or evaluations must be submitted through the LSAC's Credential Assembly Service and are provided to the ASU College of Law by LSAC.

Applicants with degrees from foreign institutions must meet ASU Graduate College and Sandra Day O'Connor College of Law English proficiency requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the program can excel in the following legal fields:

- agricultural law and policy
- bioethics
- biomedical research ethics and law
- biotechnology policy, licensing and litigation
- FDA regulation
- genetics and the law
- health law, particularly public health law
- intellectual property law
- nanotechnology law and policy
- neuroscience and the law
- patent law and patent litigation
- privacy

Contact information

Sandra Day O'Connor College of Law | BCLS 420
https://law.asu.edu/degree-programs/llm
llmasu@asu.edu
480-965-1474
Admission deadlines (https://law.asu.edu/admission/llm)

Health Law and Policy (Certificate), Certificate (LWHLPGRCT)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

The health law and policy certificate is a pivotal component in launching a health law career.

The program is designed to immerse students in multiple areas of public health law, policy and ethics, broadening their knowledge and skills in preparation for practice in public and private sectors, policy development or academic work.

STEM-OPT extension eligible: No

Degree requirements
Required Core (5 credit hours)
LAW 650 Health Law (3)
LAW 651 Public Health Law (2)

Electives (10 credit hours)

Culminating Experience
writing requirement and active participation in health law

Additional Curriculum Information
Students are required to participate in at least one of the following activities; other activities consistent with this listing also may be considered by the program or certificate director or designee:

• active participation as an officer for at least one year in the student Health Law Society
• editorial board position for at least one year with Jurimetrics
• health or public health law-based externships, upon approval from program director or designee, for at least one

semester or summer session
• research assistant for at least one semester or summer session with the Public Health Law and Policy program or other centers or programs at ASU Law, provided that research is focused predominantly on health-related topics

The student must write a substantial paper on a health or public health law topic, under the guidance of a College of Law faculty member. The paper must be at least 15 single-spaced pages. Papers that satisfy the college's graduation writing requirement, flexible writing requirement or law journal requirements can fulfill this certificate requirement, including as part of seminar courses among the elective courses.

Each student must earn a cumulative average grade of at least 3.00 (scale is 4.00 = "A") for courses taken to satisfy the substantive requirements of the health law and policy certificate. A student also must earn a minimum grade of "B" in any course applied toward the certificate.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants must be existing Juris Doctor or Master of Laws students who are currently enrolled in coursework and in good academic standing with the ASU College of Law. Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• admission application for the certificate program through Law Interactive*
• proof of English proficiency

*Students should refer to the ASU Law website (https://law.asu.edu/).

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before they will be considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

ASU Juris Doctor, Master of Laws and Master of Legal Studies graduates who focus on health law and policy are finding career placements across the United States in an array of positions with diverse employers, including:

- government agencies at all levels
- health care entities
- health insurers
- law firms
- policy think tanks and academic institutions

For more information, students should consult the career services office, and review the listing of prominent health law alums and their current positions on the Center for Public Health Law and Policy website.

Contact information

College of Law Dean's Office | BCLS 440
https://law.asu.edu/
publichealthlaw@asu.edu
480-965-6181

Human Resources and Employment Law, MHREL (LWHREMHREL)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix, Online

Program description

The Master of Human Resources and Employment Law is a non-Juris Doctor graduate program that specifically caters to both entry-level and established nonlawyer human resources, recruitment and operations professionals who wish to understand the legal and regulatory framework that governs recruiting, hiring, maintaining, promoting and dismissing employees and independent contractors in the public and private sectors.

Students identify and solve critical employment-related problems facing organizations that only trained professionals understand by learning the complex legal and regulatory framework governing HR activities.

The MHREL program consists of 30 credit hours that can be completed either in person or online in one to three years, on a full-time or part-time basis.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (SDO 685)

Required Core (18 credit hours)
SDO 501 U.S. Law and Legal Analysis: Masters (3)
SDO 531 Employment Law: Masters (3) or LAW 629 Employment Law (3)
SDO 541 HR and Employment Law: Masters (3)
SDO 551 Duties, Obligations and Rights in the Workplace: Masters (3)
SDO 552 Employment Discrimination: Masters (3) or LAW 630 Employment Discrimination (3)
SDO 569 Advanced HR and Employment Law: Masters (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
SDO 685 Human Resource and Employment Law Capstone (3)

Additional Curriculum Information

Following completion of the six required core courses (18 credit hours), students in the MHREL program can select from varied elective courses (at least nine credit hours) that count toward their degree. The pool of elective courses students can choose from include courses focused on employment law-adjacent subject areas such as privacy rights, dispute resolution and contracts. Students are also able to choose elective courses that present an opportunity to explore other legal areas that may interest them or be pertinent to their chosen career path.

The degree culminates in a three credit hour capstone course that focuses on the practical application of knowledge and skills gained during the program. During the capstone course, students evaluate the impact of various statutory and regulatory laws that affect the day-to-day operations of a human capital management professional, learn how to successfully navigate challenges these laws present, and manage relationships with varying employee groups at all organizational levels.

Other Requirements
There is a minimum of B- or better for the MHREL capstone course and a minimum cumulative graduation GPA of 2.67.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of an applicant's bachelor's degree program is preferred. Prospective students may earn admission with a cumulative GPA below 3.00 if the other assets included in the application package are strong, such as:

• a personal statement that addresses the low GPA or inconsistent academic performance
• improved academic performance in subsequent degrees
• significant work history since completing a bachelor's degree

U.S.-educated applicants can apply through the FastApp process (https://law.asu.edu/admission/mhrel), which streamlines the application process and may allow for an offer of conditional admission to the MHREL program while the applicant continues to submit any additional requested documentation.

International or internationally educated applicants should complete the MHREL Full Application form (https://mls.law.asu.edu/Apps/Admissions/Application/MLS/).

All applicants must submit:
• official transcripts
• professional resume
• any other supporting documents (optional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. If English is not an applicant's native language, and an applicant has not completed a bachelor's degree or higher at a regionally accredited institution in the U.S., they must provide evidence of English proficiency as indicated by acceptable scores. Most competitive applicants should have a TOEFL iBT score of at least 90, an IELTS score of at least 7.0, or a PTE score of at least 64. Exceptional candidates with relevant experience and background who have scores slightly below these thresholds will also be considered. ASU's institutional code is 4007.

International applicants must also submit an official transcript, two letters of recommendation, a personal statement, a writing sample and explanations of affirmative answers to any conduct questions. U.S.-educated applicants may also be asked by the admission team to submit these resources to strengthen their application.

Applicants with foreign education credentials should have all transcripts evaluated by the Academic Credentials Evaluation Institute Inc. ACEI independently evaluates all academic documents issued in countries other than the U.S.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/hr-and-employment-law/) for program descriptions and to request more information.

Career opportunities

Employment opportunities exist in supervisory and management positions in government agencies (federal, state and local) and the private sector. Graduates of the program may find positions as:

- compensation and benefits managers
- employment recruiters
- equal employment opportunity managers and specialists
- executive search consultants
- hiring managers
- human resources managers and specialists
- labor advocates
- labor relations specialists
- legal support workers
- ombudsmen

Human resources employment is projected to grow faster than average (employment increase of 8% or more) in the U.S. and to have 100,000 or more job openings nationwide over the period 2023 to 2033.

The Society of Human Resources Management, a premier HR professional organization with more than 300,000 members nationwide and globally, has recognized the ASU Sandra Day O'Connor College of Law as the first law school that is fully aligned with the SHRM curriculum guidelines.https://www.shrm.org

This alignment provides students enrolled with an emphasis in human resources and employment law the opportunity to apply for the SHRM certification professional exam. Achieving this certification is an important distinction that many employers recognize in hiring and promoting HR and employment law professionals.

Current and future students who complete this degree may be eligible for the SHRM certification exam with experiential hours. Students must have a minimum of 500 hours of relevant experience to apply for the SHRM-CP exam. Students who already have SHRM certification receive Continuing Education credit for the courses they have completed or will complete.

Professional licensure

ASU programs that may lead to professional licensure (https://admission.asu.edu/academics/licensure) or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state.

Contact information

Sandra Day O'Connor College of Law | BCLS 420
https://law.asu.edu/degree-programs/mhrel
MHRELASU@asu.edu
480-965-1474
Admission deadlines (https://law.asu.edu/admission/mhrel)

Indian Law (certificate), Certificate (LWLAWGRCI)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

Program description

The Indian law graduate certificate provides ASU Law students with the legal expertise to practice Indian law. The program offers practical experiences with tribal organizations, as well as opportunities for scholarship and externships. The certificate recognizes law students who have extensive legal knowledge in tribal law and federal Indian law.

Established more than 30 years ago, the Indian Legal Program is one of the most respected Indian law programs in the nation.

STEM-OPT extension eligible: No

Degree requirements
The certificate program requires a minimum of 21 credit hours of substantive work in Indian law and related fields. The following courses are required:

LAW 632 Federal Indian Law I
LAW 704 Federal Indian Law II
LAW 776 Indian Legal Clinic
two advanced Indian law courses approved by the faculty director of the Indian Legal Program

The remaining credit hours consist of elective courses approved by the faculty director. Students must complete a substantial paper on an Indian law topic approved by the faculty director. Students must receive a grade of "C" (scale is 4.00 = "A") or above or a "Pass" in each course used to fulfill the Indian law certificate requirements.

More specific requirements for completion of the Indian law certificate can be found on the Sandra Day O'Connor College of Law website.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Students who wish to pursue the Indian law certificate must be enrolled in the Juris Doctor degree program at the Sandra Day O'Connor College of Law and must be in good standing. Specific requirements for the Indian law certificate program can be found at the ASU Law website (https://law.asu.edu/).

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program

before being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with this certificate stand out to employers, especially those seeking a job representing state, federal or tribal governments or representing companies that do business with tribes.

Working for tribes in public service, private practice and nonprofit organizations, Indian law program alumni are making a difference in Indian Country.

Contact information

Sandra Day O'Connor College of Law | BCLS 420
https://law.asu.edu/indian-legal-program
ilp@asu.edu
480-965-6204

Juris Doctor of Law, JD (LWJDJD)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix, Online

Program description

The Juris Doctor degree program from the Sandra Day O'Connor College of Law prepares the next generation of legal scholars to become successful lawyers. The JD program offers a large selection of courses with options for transdisciplinary study with other departments on campus. Students can take classes with a more traditional, theoretical focus and take advantage of many options that focus on the development of practice skills. The focus areas (https://law.asu.edu/emphasis-areas) offered by ASU Law include:

- business law
- constitutional law
- criminal law
- dispute resolution
- health law
- Indian law
- intellectual property
- international law
- international rule of law and security
- law, science and technology
- law and sustainability
- patent practice
- sports law and business
- trial advocacy

First-year JD students take courses in civil procedure, contracts, torts, legal method and writing, property, constitutional law, criminal law, legal advocacy and professional responsibility. After the first year, all courses are electives; students must satisfy two writing requirements and an experiential requirement in order to graduate. A full list of graduation requirements (https://law.asu.edu/aba-disclosures) can be found on the ASU Law website.

Certificates (https://law.asu.edu/degree-programs/jd/certificates), study abroad options (https://law.asu.edu/experiences/abroad), the Washington, D.C., and Los Angeles locations, and many other opportunities are available to enhance students' experiences.

Students can pursue a JD concurrently with other degrees from ASU, such as an MBA, MSW or MSLB, or a PhD in justice studies. Mayo Clinic School of Medicine students also have an opportunity to pursue a dual JD/MD degree. More information is available on the Mayo Clinic and ASU Alliance for Health Care website: https://mayoclinicasualliance.org/education/dual-degree/ (https://mayoclinicasualliance.org/education/dual-degree/).

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

W. P. Carey MBA - Full-Time Program

Sports Law and Business, MSLB

Justice Studies, PhD

Social Work - Standard Program, MSW

Degree requirements
ASU Law JD students must complete a total of 88 credit hours to graduate.

Required Core (30 credit hours)
LAW 515 Contracts (4)
LAW 516 Criminal Law (3)
LAW 517 Torts (4)
LAW 518 Civil Procedure (4)
LAW 519 Legal Method and Writing (3)
LAW 522 Constitutional Law (3)
LAW 523 Property (4)
LAW 524 Legal Advocacy (2)
LAW 638 Professional Responsibility (3)

Electives (58 credit hours)

Additional Curriculum Information
Students should see ASU Law's Statement of Student Policies for additional JD degree requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

To be considered for admission to the JD program, applicants must have taken the LSAT or JD-Next (excludes applicants

applying to the ASU Achievement Program) and have earned, or will earn by the time of enrollment in law school, a bachelor's degree from an institution accredited by an accrediting agency recognized by the U.S. Department of Education.

ASU Law requires applicants to apply electronically through the Law School Admission Council website at https://www.lsac.org/ (https://www.lsac.org/).

An application for admission must include:
• electronic application
• personal statement (two to three pages, double-spaced and font size no smaller than 11 point)
• resume (no more than two pages and font size no smaller than 11 point)
• character and fitness statement, if applicable, explaining affirmative answers to questions in the Character and Fitness section
• binding admission contract, if applicable
• a valid LSAT or JD-Next score (excludes applicants applying to the ASU Achievement Program)
• transcripts from each undergraduate and graduate institution attended (must be sent to LSAC)
• proof of English proficiency for applicants whose native language is not English, regardless of their current residency

Applications may also include:

• an Arizona residency form
• an elevator pitch video
• an inclusive excellence statement
• an invitational interview
• letters of recommendation*
• optional addenda

* Applicants may submit no more than two letters. Because letters are not required, the admission office will not wait for them to complete a file for review.

Additional Application Information
The JD program enrolls one first-year class per year, entering in the fall semester. The degree is a three-year full-time program. Admission to ASU Law is competitive, and each year, ASU Law receives more applications from eligible candidates than can be accommodated.

ASU Law seeks to enroll a dynamic group of individuals who will provide an engaging learning environment. The admission committee makes decisions after considering all the information provided by the applicant. Among the factors influencing the admission decision are LSAT or JD-Next performance, undergraduate grade point average, quality and grading patterns of undergraduate institutions, previous graduate education, demonstrated commitment to public service, work and leadership experience, extracurricular or community activities, history of overcoming economic or other disadvantages, uniqueness of experience and background, maturity, ability to communicate, foreign language proficiency, honors and awards, service in the armed forces and publications.

For detailed information about the Juris Doctor application process, interested applicants are asked to visit the ASU Law (https://law.asu.edu/admission/jd) website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/graduate/juris-doctor/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad opportunities (https://law.asu.edu/experiences/abroad), including exchange programs through ASU's Sandra Day O'Connor College of Law, help satisfy students' interest in traveling and learning about other countries while they are studying law. Students can gain a distinct perspective through studying abroad, while also enhancing their marketability to prospective employers.

Career opportunities

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 5% between 2023 and 2033. The JD degree can lead to a lucrative career in any of several fields.

Career examples include:

- arbitration, mediation and dispute resolution attorney
- chief legal officer
- compliance attorney
- corporate lawyer
- criminal prosecutor or criminal defense attorney
- family lawyer or divorce attorney
- judicial clerk or judge
- law school professor
- politician or member of Congress
- trial and appellate lawyer

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Sandra Day O'Connor College of Law | BCLS 120
https://law.asu.edu/degree-programs/jd
asulaw.admissions@asu.edu
480-965-1474
Admission deadlines (https://law.asu.edu/admission/jd)

Law and Sustainability (Certificate), Certificate (LWLSUSGRCT)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

The law and sustainability graduate certificate propels ASU Law students into legal careers related to environmental sustainability.

Environmental sustainability is a primary emphasis at ASU, and this certificate program leverages that emphasis by recognizing those law students who have successively immersed themselves in sustainability-related law coursework during their time at the law school.

The certificate program provides instruction and meaningful research experiences, equipping students with the knowledge and skills necessary to become influential leaders in the global sustainability movement. The program's renowned faculty research and teach in every major area of sustainability policy, including climate change, water, energy and environmental protection. Students in the program have access to a variety of externships, research opportunities, moot court experiences and mentorships.

STEM-OPT extension eligible: No

Degree requirements
Required Core (6 credit hours)
LAW 619 Energy Law and Policy (3)
LAW 631 Environmental Law (3)
LAW 639 Natural Resource Law (3)
LAW 643 Water Law (3)

Electives (9 credit hours)

Culminating Experience
writing requirement and active participation in sustainability law

Additional Curriculum Information
Students must select two courses from the Required Core list.

The academic unit maintains a list of preapproved elective coursework. Students should contact the academic unit for the current list.

Students must earn a cumulative grade point average of at least 3.00 (scale is 4.00 = "A") for those courses taken to satisfy the substantive coursework requirement for the law and sustainability certificate. Students also must earn a minimum grade of "B" in any approved elective course taken outside of the Sandra Day O'Connor College of Law.

To earn the certificate, students must participate in at least two activities from the following list:

• completion of a sustainability-focused legal externship approved by the program or faculty director
• completion of the Sustainability Law Research Seminar
• membership on the elected board of the law school's Environmental Law Society student chapter
• participation in an extramural environmental or sustainability moot court competition approved by the program or faculty director
• participation as a mentee in the Mentorship Initiative in Sustainability Law

Each student must write a substantial paper on a topic related to law and sustainability. The paper must be at least 15 pages and written under the guidance of a member of the Sandra Day O'Connor College of Law faculty. A sustainability-related paper written to satisfy the Sandra Day O'Connor College of Law's graduate writing requirement or flexible writing requirement can fulfill this writing requirement, including a paper written as part of a seminar course included on the list of elective courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants must be existing Juris Doctor or Master of Law students who are currently enrolled in coursework and in good academic standing with the Sandra Day O'Connor College of Law. Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• an admission application for the certificate program through Law Interactive*
• proof of English proficiency

*Students should refer to the ASU Law website (https://law.asu.edu/).

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Given ASU Law's close proximity to dozens of law firms, government offices and other legal employers in sustainability-related fields, numerous ASU Law students involved in the law and sustainability program secure legal externships each year. ASU Law students have recently participated in externships with the Arizona Attorney General's Office, Arizona Corporation Commission, Arizona Department of Environmental Quality, Arizona State Legislature, City of Mesa, City of Scottsdale, Climate Institute, Gammage and Burnham PLC, Kyl Center for Water Policy, Office of Water Master, Rose Law Group PC, Salt River Project, and the United States Environmental Protection Agency.

Contact information

College of Law Dean's Office | BCLS 478
https://law.asu.edu/programs/sustainability
LawandSustainability@asu.edu
480-965-7553

Law, Science, & Technology (certificate), Certificate (LWLAWSTCE)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

Juris Doctor students can supplement and enhance their degree with the law, science and technology certificate. The certificate program consists of focused coursework, mentorship and extracurricular educational opportunities to prepare lawyers for modern law practice.

Students may choose one or more of the following focus areas:

• artificial intelligence
• data, privacy and security
• intellectual property
• life sciences

STEM-OPT extension eligible: No

Degree requirements
Students must satisfy their graduation writing requirement on a topic related to law, science and technology. The paper must meet all of the Sandra Day O'Connor College of Law requirements for a graduation writing project and must be supervised by a center fellow.

A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required for those courses that satisfy the substantive coursework requirements of the certificate. Courses used to satisfy the core or focus area requirements may not be taken for pass or fail credit. A student may take one elective course on a pass or fail basis.

Substantive coursework is required in law, science and technology subjects; students must complete a minimum of seven courses, earning at least 16 credit hours, at the Sandra Day O'Connor College of Law. Two courses are chosen from the designated core courses, and five courses are chosen from a list of elective courses.

Each student is encouraged to actively participate in the events (lectures, conferences, symposia) sponsored by the Center for Law, Science and Innovation and to participate in at least one approved activity for two semesters.

Additional details of the program requirements can be found in the Sandra Day O'Connor College of Law Statement of Student Policies.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Students who wish to pursue this certificate must be enrolled in the JD program at the Sandra Day O'Connor College of Law and be in good standing.

Specific requirements for admission to this program can be found on the ASU Law website (https://law.asu.edu/).

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa must apply to and be accepted to a graduate degree program before being considered for this program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The certificate program in law, science and technology is designed for those interested in becoming an attorney and practicing law with an emphasis in law, science and technology in sectors that include intellectual property, life sciences, data, privacy and security.

Contact information

Sandra Day O'Connor College of Law | BCLS 220
https://law.asu.edu/degree-programs/jd/certificates/lst-certificate
Lsi@asu.edu
480-727-0359

Laws (Global Legal Studies), LL.M. (LAWLGLPLLM)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

Program description

The Master of Laws program allows one year of post-Juris Doctor study tailored to the scholarly and practice interests of participating students.

The program draws on the unique focus of the international and transnational legal expertise in global health, the environment, human rights, trade and emerging technologies. The program emphasizes transdisciplinary study and links rigorous legal training with the research and scholarship drawn from political science, policy studies, anthropology and sustainability.

Students can take a wide variety of courses on international topics, such as international environmental law, international human rights law and international institutions. These include business-related courses such as international contracts, international taxation, international commercial arbitration and international business transactions.

Students who participate in externships gain practical experience that makes them more competitive for jobs at home and abroad. ASU Law can place every eligible enrolled student into an externship (https://law.asu.edu/experiences/externships) at organizations in Arizona or Washington, D.C., such as the U.S. State Department, the World Bank, International Rescue Committee, the Department of Homeland Security and Human Rights First. The opportunity for students to network with international decision-makers, opinion leaders and top practitioners is further amplified through ASU's large presence in Washington, D.C. (https://washingtondc.asu.edu/#why-is-asu-in-washington-dc)

Students can develop professionally by engaging with globally minded leaders in the legal, government and business communities. For instance, the Phoenix Committee on Foreign Relations hosts events and other forums for select students to engage with prominent leaders and practitioners on trending international issues.

Each year, the Sandra Day O'Connor College of Law holds a workshop with the American Red Cross on international humanitarian law that brings students, members of the military and community leaders together to learn more about the principles governing armed conflict.

STEM-OPT extension eligible: No

Degree requirements
The program is designed to be completed in one academic year (nine months) on a full-time basis but may also be pursued on a part-time basis. A degree program candidate must complete 24 credit hours of coursework. A candidate may elect either to write a master's degree portfolio paper or to complete an applied project. Required coursework includes two of the following courses:

LAW 615 Public International Law (3)
LAW 691 Seminar: International Institutions (2)
LAW 709 International Human Rights (2-3)
LAW 768 International Business Transactions (2-4)

An international student whose initial law degree is not from a U.S. law school is required to take the following course:

LAW 596 Professional Legal Writing (3)

The remaining credit hours are generally obtained from the list of elective courses in international law.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a Juris Doctor degree in the U.S. or a law degree at a foreign institution that would qualify them to practice law or pursue license to practice in that country.

All applicants must submit:
• completed LLM application form
• official transcripts
• resume, not exceeding three typed pages
• statement of interest, not exceeding 1,250 words (double-spaced typed pages)
• two letters of recommendation
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants should see the College of Law website for acceptable TOEFL scores and additional information for foreign-educated applicants.

Applicants are encouraged to apply electronically through https://www.lsac.org (https://www.lsac.org/).

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admission Council's Credential Assembly Service and are provided to the ASU College of Law by LSAC. Transcripts are required from all institutions attended, and transcripts showing that the bachelor's degree and law degree were conferred must be included.

Admission to the program is competitive. Selection is based on academic background and potential, diversity of experience and background, career experience and ambitions, strength of experience related to the program sought, space and resource limitations in the law school, and other factors.

Potential applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 5% between 2023 and 2033. The LLM degree can lead to a number of opportunities in the legal profession at large, helping current lawyers advance in their careers by refining their leadership skills, becoming fluent with advanced terminology, developing a keen sense of professionalism, and learning how to navigate an ever-changing global environment.

Career examples include:

- chief executive officer or legal officer
- global litigation director
- judge
- law firm partner or administrator
- law school professor
- private banker (international)

Contact information

Sandra Day O'Connor College of Law | BCLS 420
https://law.asu.edu/degree-programs/llm
llmasu@asu.edu
480-965-1474
Admission deadlines (https://law.asu.edu/admission/llm)

Laws, LL.M. (LAWLAWSLLM)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix, Online

Program description

The Master of Laws program offers one year of post-Juris Doctor study tailored to the scholarly and practice interests of participating students. Study is available in a variety of areas in which the law school holds particular strength.

With more than 250 distinct courses (https://apps.law.asu.edu/apps/registrar/CourseInfo/Default.aspx) to choose from each year, the 24 credit hour LLM program is customized to meet students' career goals with focus on popular areas of study. The program is flexible, with fall and spring starts as well as full-time and part-time options.

The college also offers an LLM in biotechnology and genomics (https://law.asu.edu/emphasis-areas/biotech-genomics) and in tribal policy, law and government (https://law.asu.edu/emphasis-areas/indian-gaming-governance).

To learn more, students should attend one of many information sessions (https://law.asu.edu/visit).

Emphasis areas include:

• business law (https://law.asu.edu/emphasis-areas/business-law)
• criminal law (https://law.asu.edu/emphasis-areas/criminal-law)
• entrepreneurship law and strategy (https://law.asu.edu/emphasis-areas/entrepreneurship-law-strategy)
• health law (https://law.asu.edu/emphasis-areas/public-health-law-policy)
• Indian gaming and tribal self-governance (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
• Indian law (https://law.asu.edu/indian-legal-program)
• intellectual property law (https://law.asu.edu/programs/intellectual-property)
• international law (https://law.asu.edu/emphasis-areas/international)
• international rule of law and security (https://law.asu.edu/programs/international-rule-of-law-and-security)
• law and sustainability (https://law.asu.edu/programs/sustainability)

• patent practice (https://law.asu.edu/emphasis-areas/patent)
• science and technology law (https://law.asu.edu/emphasis-areas/law-technology)

STEM-OPT extension eligible: No

Degree requirements
The program requires 24 credit hours. Required courses depend on the student's concentration in the degree. International students are required to take LAW 596 Professional Legal Writing. A candidate may elect either to write a master's degree portfolio paper or to complete an applied project. The remaining credit hours generally are obtained from the list of elective courses. With faculty advisor approval, a candidate may satisfy up to six credit hours with courses offered by other ASU departments or by law courses that are not included on the approved elective list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants must have earned a JD degree in the U.S. or a law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country.

All applicants must submit:
• completed LLM application form
• official transcripts from all institutions attended
• explanations to affirmative answers to any conduct questions
• resume, not exceeding three typed pages
• statement of interest, not exceeding 1,250 words (double-spaced, typed pages)
• two letters of recommendation
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants should see the Sandra Day O'Connor College of Law website for acceptable TOEFL scores and additional information for foreign-educated applicants.

All foreign-educated applicants are required to use the Law School Admission Council LLM Credential Assembly Service, which includes the ASU Law Electronic Application, the Document Assembly Service, and the International Transcript and Authentication Service. Students should refer to the special instructions for foreign-educated applicants at the school admission website (https://law.asu.edu/admission/apply/foreign).

The LSAC Electronic Application is found at https://llm.lsac.org/login/access.aspx?appl=4007L1 (https://llm.lsac.org/login/access.aspx?appl=4007L1).

The CAS report must be from the current application year and is found at https://www.lsac.org/ (https://www.lsac.org/).

U.S.-educated applicants have the option of applying through the LSAC LLM CAS, which includes the ASU Law Electronic Application and Document Assembly Service, or applying through the ASU Law website using the LLM application form (https://llm.law.asu.edu/Apps/Admissions/Application/MLS/).

ASU law alumni graduates who are interested in the LLM should refer to the Law for Life program.

Transcripts and letters of recommendation or evaluations must be submitted through the LSAC's Credential Assembly Service, and these are provided to the ASU College of Law by LSAC. Transcripts are required from all institutions attended, and transcripts showing that the bachelor's degree and law degree were conferred must be included. Applicants who encounter any problems should contact the LSAC help desk at 215-968-1001.

For applications to be considered complete, submissions must include all items in the numbered list above.

Admission to the program is competitive. Selection is based on academic background and potential, diversity of experience and background, career experience and ambitions, strength of experience related to the program sought, space and resource limitations in the law school, and other factors.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-of-laws/) for program descriptions and to request more information.

Career opportunities

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 5% between 2023 and 2033. The LLM degree can lead to a number of opportunities in the legal profession at large. The program helps current lawyers advance in their careers by enabling them to refine their leadership skills, become fluent with advanced terminology, and develop a keen sense of professionalism.

Career examples include:

- chief executive officer
- chief legal officer
- judge
- law firm administrator
- law firm partner
- law school professor
- litigation support director
- member of Congress or other political position
- private banker

Contact information

Sandra Day O'Connor College of Law | BCLS 420
https://law.asu.edu/degree-programs/llm
llmasu@asu.edu
480-965-1474
Admission deadlines (https://law.asu.edu/admission/llm)

Legal Studies, MLS (LWLGSMLEGS)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix, Online

Program description

The Master of Legal Studies program is flexible; it is offered in the fall, spring and summer, full time and part time, and in person and online. Students may focus their program on popular areas of study listed below. To learn more or schedule a visit, students should refer to the ASU Law website (https://law.asu.edu/visit).

Emphasis areas offered in person include:

• artificial intelligence
• business law (https://law.asu.edu/emphasis-areas/business-law)
• conflict resolution (https://law.asu.edu/emphasis-areas/conflict-resolution)
• criminal law (https://law.asu.edu/emphasis-areas/criminal-law)
• entrepreneurship law and strategy (https://law.asu.edu/emphasis-areas/entrepreneurship-law-strategy)
• federal Indian law and tribal self-governance (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
• health law (https://law.asu.edu/emphasis-areas/public-health-law-policy)
• Indian gaming (https://law.asu.edu/emphasis-areas/indian-gaming-governance)
• Indian law (https://law.asu.edu/indian-legal-program)
• intellectual property law (https://law.asu.edu/programs/intellectual-property)
• international law (https://law.asu.edu/emphasis-areas/international)
• international rule of law and security (https://law.asu.edu/programs/international-rule-of-law-and-security)
• law and sustainability (https://law.asu.edu/programs/sustainability)
• science and technology law (https://law.asu.edu/emphasis-areas/law-technology)

Emphasis areas offered online include:

• Arizona legal paraprofessional (https://asuonline.asu.edu/online-degree-programs/graduate/legal-paraprofessional-mls/)
• business law (https://asuonline.asu.edu/online-degree-programs/graduate/business-law/)
• conflict resolution (https://asuonline.asu.edu/online-degree-programs/graduate/conflict-resolution-emphases-mls/)
• construction law (https://asuonline.asu.edu/online-degree-programs/graduate/construction-law-emphases-mls/)
• contract management (https://asuonline.asu.edu/online-degree-programs/graduate/contract-management-mls/)
• corporate and health care compliance (https://asuonline.asu.edu/online-degree-programs/graduate/corporate-and-health-care-compliance-mls/)
• criminal law (https://asuonline.asu.edu/online-degree-programs/graduate/criminal-law-emphasis-mls/)
• federal contracting law (https://asuonline.asu.edu/online-degree-programs/graduate/federal-contracting-law-mls/)
• federal Indian law (https://asuonline.asu.edu/online-degree-programs/graduate/mls-federal-indian-law/)
• health care law and administration (https://asuonline.asu.edu/online-degree-programs/graduate/healthcare-law-administration-mls/)
• Indian gaming (https://asuonline.asu.edu/online-degree-programs/graduate/indian-gaming/)
• intellectual property law (https://asuonline.asu.edu/online-degree-programs/graduate/intellectual-property-law-emphasis-mls/)
• land use and property development law (https://asuonline.asu.edu/online-degree-programs/graduate/land-use-property-development-law-mls/)
• law and sustainability (https://asuonline.asu.edu/online-degree-programs/graduate/law-sustainability-emphases-mls/)
• Navajo Nation law (https://asuonline.asu.edu/online-degree-programs/graduate/mls-navajo-nation-law/)
• sports law (https://asuonline.asu.edu/online-degree-programs/graduate/sports-law-and-business-emphases-mls/)
• tribal self-governance (https://asuonline.asu.edu/online-degree-programs/graduate/tribal-government-mls/)

Pursuant to American Bar Association standards, no law credits completed prior to admission to a Juris Doctor program, including credits earned in the MLS program, may be transferred to a future JD program under any circumstances.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Real Estate Development, MRED

Information Systems Management, MS

W. P. Carey MBA - Evening Program

W. P. Carey MBA - Full-Time Program

Mass Communication, MMC

Management, MS

Sustainability Solutions, MSUS

Degree requirements

30 credit hours

The program consists of 30 credit hours of approved study. The degree program can be completed on a full-time or part-time basis.

Students are required to take:
SDO 501 U.S. Law and Legal Analysis: Masters (3)

Students are required to choose one of the following basic foundational courses:
SDO 510 Business Organizations: Masters (3) or LAW 654 Business Organizations (3)
SDO 511 Administrative Agencies/Regulation: Masters (3) or LAW 609 Administrative Law (3)
SDO 514 Intellectual Property: Masters (3) or LAW 664 Intellectual Property (3)
SDO 515 Criminal Law: Masters (3) or LAW 516 Criminal Law* (3)
SDO 516 Criminal Procedure-Masters (3) or LAW 604 Criminal Procedure (3)
SDO 518 Fundamentals of Contract Law: Masters (3) or LAW 515 Contracts* (4)
SDO 521 Property Law: Masters (3) or LAW 523 Property* (4)
SDO 525 Tort Law: Masters (3) or LAW 517 Torts* (4)
SDO 529 U.S. Constitutional Law: Masters (3) or LAW 522 Constitutional Law* (3)
SDO 598 Topic: Civil Procedure I: Masters (3) or LAW 518 Civil Procedure I* (4)

Other Requirements: The minimum cumulative GPA to graduate from the Master of Legal Studies program is 2.67.

*Students may enroll in no more than two of the LAW prefix designated courses marked with an asterisk. Such courses will be subject to availability.

The remainder of the credits are electives to complete the required 30 credits. Elective course selection is flexible, to accommodate the diversity of intellectual and professional interests the program is intended to serve.

MLS students can choose any SDO subject elective and most LAW subjects to complete 30 credits. Students in the MLS online program can only take SDO subject courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from an accredited four-year college or university in the United States or attained a comparable degree from a foreign institution.

All applicants must submit:
• completed Master of Legal Studies application form and application fee
• official transcripts from all institutions attended
• resume that does not exceed three typed pages
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Applicants should see the Sandra Day O'Connor College of Law website for acceptable TOEFL scores and additional information for foreign-educated applicants.

Master of Legal Studies applicants with foreign education credentials must have all transcripts evaluated by the Academic Credentials Evaluation Institute Inc. ACEI independently evaluates all academic documents issued in countries other than the United States. Students should contact ACEI through that organization's website to obtain an application for an evaluation. Applicants must request a course-by-course evaluation and order an official copy to be sent directly to:

Sandra Day O'Connor College of Law
Arizona State University
Beus Center for Law and Society
Office of Admissions and Financial Aid
Mail Code: 9520
111 E Taylor St.
Phoenix, AZ 85004

Applicants who have received their bachelor's or master's degree in the U.S. can apply through the MLS FastApp application process, which streamlines the application process and may allow for an offer of conditional admission to the Master of Legal Studies program while the applicant continues to submit any additional requested documentation.

If a decision cannot be made from the FastApp, the Sandra Day O'Connor College of Law admission team may request additional information from the applicant, including any or all of the following:

• explanations to affirmative answers to application questions pertaining to conduct
• two letters of recommendation
• writing sample

Admission to the program is competitive. Selection is based on a variety of factors, including academic background and potential, diversity of experience and background, career experience and ambitions, space and resource limitations in the law school, and other factors.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-legal-studies/) for program descriptions and to request more information.

Career opportunities

The MLS degree is designed for those who are looking to obtain working knowledge of the law but do not intend to become practicing lawyers. Graduates have achieved training in complicated legal topics and lawyering skills that prove invaluable to law firms, court systems, government agencies and corporations. Graduates have many career paths, including:

- accreditation director
- fraud investigator
- operations director
- risk analyst
- senior administrator (e.g., inside a law firm)
- senior business analyst
- senior compliance director
- senior contract negotiator

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Sandra Day O'Connor College of Law | BCLS 420
https://law.asu.edu/degree-programs/mls
mlsasu@asu.edu
480-965-1474

Sports Law and Business, MSLB (LWSLBMSLB)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

Program description

The Master of Sports Law and Business program at the Sandra Day O'Connor College of Law at Arizona State University is centrally located in vibrant downtown Phoenix. This unique program blends sports, law and business from a nationally ranked law school with world-class faculty.

The sports law and business program uses the expertise of world-class faculty and programming to provide specialized and targeted experiences for legal scholars with career aspirations in sports. It is the only law master's degree program in the U.S. that combines sports, law and business into one comprehensive program.

This in-person 36 credit hour degree program is offered in the fall semester and has both full-time and part-time student opportunities. Admitted students can apply for these opportunities: the Allan "Bud" Selig Scholarship, the SLB Student Leadership Team, and MSLB graduate assistantship positions with Sun Devil Athletics. These opportunities are only available to students who have been accepted into the MSLB program.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Juris Doctor, JD

Degree requirements
Required Core (18 credit hours)
SLB 510 Amateur Sports Law: MSLB (3) or SLB 512 Professional Sports Law: MSLB (3)
SLB 511 Career Strategies and Business Communications in the Sports Industry (3)
SLB 514 Negotiations and Alternative Dispute Resolutions in the Sports Industry (3)
SLB 517 Marketing for Sports Organizations (3)
SLB 518 Sports Analytics (3)
SLB 581 U.S. Law and Legal Analysis Through Sport: MSLB (3) or LAW 519 Legal Method and Writing (3)

Electives or Research (15 credit hours)
SLB 508 Strategic Planning for the Future in Sports: MSLB (3)
SLB 516 Revenue Generation in the Sports Industry (3)
SLB 519 Professional Sports Team Operations and Legal Issues: MSLB (3)
SLB 522 NCAA Compliance, Infractions and Enforcement: MSLB (3)
SLB 523 MLB's Impact on Law and Society: MSLB (1-3)
SLB 524 Law and Business of Sports Branding: MSLB (3)
SLB 525 Sports Big Events: Law/Biz/Ops: MSLB (3)
SLB 598 Topic: Innovating Sports Organizations: Leadership and Diversity and Inclusion (3)
SLB 598 Topic: Sports Sponsorship, Partnership and Activations (3)

Culminating Experience (3-6 credit hours)
SLB 593 Applied Project (3-6)

Additional Curriculum Information
Students must complete a minimum of three credits with a maximum of six credits of an applied project to serve as their culminating experience. This allows for additional applied projects for those who want to apply their studies to varying experiences.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill and complete all requirements in order for their application to be reviewed. Applicants who submit an incomplete application or do not provide all of the required documents will not be reviewed by the admission committee.

In addition to the MSLB application, applicants are required to submit the following documents:
• official transcripts or unofficial transcripts
• resume (one or two pages)
• personal statement; a minimum of 1,250 words is required
• two professional references
• video pitch

Additional application requirements may be requested. For updates on these items, students may visit the ASU Law

website (https://law.asu.edu/admission/mslb).

Applications are reviewed on a rolling admission basis. Once an application has been reviewed, an applicant may be selected for an interview based on the qualifications presented in the application.

A minimum of a bachelor's degree from a regionally accredited four-year college or university in the United States or a comparable degree from a foreign institution is required.

Admission to the sports law and business program is only offered for the fall semester; applicants do not have the option for a spring or summer semester start date.

International Student Application Information
An applicant whose native language is not English must provide proof of English proficiency as indicated by acceptable scores regardless of their current residency. Applicants should have a TOEFL score higher than 250 (computer) or 100 (internet). Exceptional candidates with relevant experience and background who have scores of at least 243 (computer) or 96 (internet) also are considered. ASU's institutional code is 4007. This proof of English proficiency is required for international students and must be included in the MSLB application documents.

Applicants who have received undergraduate or graduate degrees from foreign institutions must have their transcripts evaluated by World Education Services, and WES must send that evaluation to the offices of the Sandra Day O'Connor College of Law. Evaluation of international transcripts must be reviewed and included in the application.

Additional Application Information
Transcripts
Official transcripts from all postsecondary institutions of higher education attended must be submitted to mslbasu@asu.edu (mailto:mslbasu@asu.edu) or mailed to the ASU Law admission office. An official transcript is a transcript certified by the issuing school and sent directly to ASU or delivered to ASU in a sealed envelope with a seal intact.

Character and Fitness
If an applicant answers Yes to any of the questions in this section, a separate statement or electronic attachment providing a complete description of the actions and full details of the charges and sanctions against the applicant must be included. The applicant also must include any charges that have been expunged, sealed or set aside, even if told by a judge or attorney it is not necessary to include. Additionally, the applicant should provide a personal account of the events that led to the charges or discipline. Failure to include this information results in an incomplete application. Incomplete applications are not reviewed by the admission committee.

Admission to the MSLB program is very competitive. Selection is based on a variety of factors, including academic background, experience and background in the sports industry, personal statement and goals, and other factors determined through the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are equipped to understand the sports market and the regulatory forces at play in the U.S. and globally.

Phoenix is a destination for the next generation of sports professionals, boasting opportunities for working, learning and networking in every major industry in American sports.

ASU Law's Master of Sports Law and Business program prepares graduates for a career in the sports industry at the highest levels and is geared toward those who want to master legal principles that impact sports organizations such as the NBA, NFL, NCAA, MLB or PGA.

Contact information

Sandra Day O'Connor College of Law | BCLS 268
https://law.asu.edu/degree-programs/mslb
MSLBASU@asu.edu
480-965-1474
Admission deadlines (https://law.asu.edu/admission/mslb)

Trial Advocacy (Certificate), Certificate (LWTAGRCT)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

The graduate certificate program in trial advocacy (https://law.asu.edu/degree-programs/jd/certificates/trial-advocacy) provides students interested in pursuing a career in criminal prosecution, criminal defense or civil litigation with a prescribed course of study to help prepare them for practice.

STEM-OPT extension eligible: No

Degree requirements
Required Core (6 credit hours)
LAW 602 Civil Procedure II (3) or LAW 604 Criminal Procedure (3)
LAW 605 Evidence (3)

Alternative Dispute Resolution Requirement (2 credit hours)

Litigation Requirement (3 credit hours)

Electives (4 credit hours)

Other Requirements
practical experience in client representation

Additional Curriculum Information
To earn the certificate, a student must take classes in courtroom practice and procedure as well as alternative dispute resolution, participate in experiential learning either through simulation-based instruction in litigation and courtroom advocacy or by representing clients in a clinical setting, and gain additional practical experience through pro bono service, participation in a moot court competition or enrollment in a Rule 38 externship.

Students must complete four credit hours of electives from a selection of more than 40 classes.

Students must complete a minimum of two credit hours from the Alternative Dispute Resolution Requirement course list.

Students must complete a minimum of three credit hours from the Litigation Requirement course list.

Students must gain practical experience in client representation by completing one of the following while maintaining continuous enrollment:

• completion of a Rule 38 externship
• pro bono service --- minimum of 50 hours working with an approved legal services organization

• representation of the College of Law in a regional, national or international moot court competition

Additional information on what specific courses can be used to fulfill the certificate requirements can be found on the College of Law trial advocacy page.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants must be existing JD program students who are currently enrolled in coursework and in good academic standing with the ASU College of Law. Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• trial advocacy certificate application
• graduate application through Law Interactive*
• proof of English proficiency

*Students should refer to the ASU Law website (https://law.asu.edu/).

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this program.

Further specific requirements for admission to this program can be found on the Sandra Day O'Connor College of Law website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The trial advocacy graduate certificate serves as a credential that represents to potential employers and clients that a Juris Doctor student has a demonstrated interest in trial advocacy and a solid foundation in the knowledge and the skills needed to succeed in the field.

Contact information

College of Law Dean's Office | BCLS 456
https://law.asu.edu/degree-programs/jd/certificates/trial-advocacy

asutrialadvocacy@gmail.com
480-965-6413

Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

College/School: Sandra Day O'Connor College of Law

Campus: Downtown Phoenix

Program description

This Master of Laws program is designed for lawyers and law school graduates who plan to work on issues related to tribal law and federal Indian law at the professional and academic levels.

The LLM program in tribal policy, law and government can be focused in one of three areas: Indian gaming; tribal self-governance; or tribal policy, law and government. Core curricular offerings focus on domestic tribal law, federal Indian law and American institutions of law and government. The program explores the expression of domestic law within contemporary administrative, governmental and judicial institutions.

Home to the nationally known Indian Legal Program, the Sandra Day O'Connor College of Law leads the nation in producing graduates specializing in Indian law. Candidates benefit from the extensive resources committed to the Indian Legal Program, including a director, experienced Native faculty and staff, and an Indian law clinic.

Arizona State University is located in the heart of the southwestern U.S., home to roughly one-third of the Native population in the U.S. and where many of the largest Indian nations in the country are located. The university is the academic home for several nationally known scholars researching American Indian issues, and it houses many unique resources for such scholarship, including the Labriola Collection at Hayden Library.

STEM-OPT extension eligible: No

Degree requirements
The program is administered by the Indian Legal Program and is oriented toward students who seek practical experience in tribal law and federal Indian law. It provides intensive instruction to students who graduated from a law school that had few or no courses in Indian law and who now seek to practice in these areas at a professional level. This degree program requires a minimum of 24 credit hours of study. A thesis is not required.

Students immerse themselves in the study of tribal law and federal Indian law, and they apply the knowledge and experience they gain through the practical component of the degree program, which may consist of research projects for tribal courts and governments; state, tribal and federal court practice; and tribal code drafting.

Graduates are well equipped for professional positions that require knowledge of and expertise in tribal law and federal Indian law. Students have the option of pursuing the degree on a part-time basis.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill both the Graduate College and the College of Law English proficiency requirements.

Admission to the program is competitive. To be admitted, an applicant must have completed a Juris Doctor degree or law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country, and have submitted a complete application to the program.

Selection is based on academic background and potential, career experience and ambitions, diversity of experience and background, space and resource limitations in the law school, the applicant's strength of experience related to the program sought, and other factors.

Applicants are encouraged to apply electronically through the Law School Admission Council website: https://www.lsac.org (https://www.lsac.org). To be considered complete, the application must include the following:
• the completed LLM application form
• the required application fee
• a resume that does not exceed three typed pages
• a statement of interest that does not exceed 1,250 words, typed and double-spaced
• transcripts from all institutions attended, including the transcripts showing that the bachelor's degree and law degree were conferred
• two letters of recommendation
• a writing sample

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and provided to ASU Law by LSAC.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

According to the U.S. Bureau of Labor Statistics, employment of lawyers is projected to grow 5% between 2023 and 2033. Completing the LLM program in tribal policy, law and government can lead to a number of opportunities in Indian law, at large, helping current lawyers advance in their careers by enabling them to refine their leadership skills, become fluent with advanced terminology, and develop a keen sense of professionalism.

Graduates of the program are prepared for lucrative careers in government, economic development or health care positions that impact Native populations.

Career examples include:

- chief executive officer
- chief legal officer
- court justice
- election director for Native communities
- judge
- law firm administrator
- law firm partner
- law school professor
- litigation support director
- politician or member of Congress
- private banker for Native communities

Contact information

Sandra Day O'Connor College of Law | BCLS 420
https://law.asu.edu/degree-programs/llm
llmasu@asu.edu
480-965-1474
Admission deadlines (https://law.asu.edu/admission/llm)

Liberal Arts and Sciences, The College of

Actuarial Science, MS (LAACTMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in actuarial science emphasizes broad awareness and appreciation of current issues faced by insurance industry practitioners as well as innovative resolutions provided by actuaries.

Students advance their knowledge base by applying mathematical and statistical concepts and data analytics to the disciplines of risk management, finance and insurance. The program also includes a new, focused set of professional learning outcomes aligned with the needs of the ever-evolving insurance industry, while keeping the core technical learning outcomes in place. These guide students' development of professional competencies through coursework, independent projects and opportunities outside the classroom, while remaining firmly based on a strong foundation of scholarly technical work in actuarial science.

Actuaries must pass a series of intensive professional exams to become credentialed. Program graduates are prepared for the examinations required to become credentialed professionals by the Society of Actuaries or Casualty Actuarial Society and to be competitive employees in the insurance and finance industries.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Actuarial Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (ACT 593)

Required Core (6 credit hours)
ACT 560 Regression Modeling In Insurance (3)
ACT 561 Machine Learning and Risk Management Applications (3)

Electives or Research (21 credit hours)

Culminating Experience (3 credit hours)
ACT 593 Applied Project (3)

Additional Curriculum Information
For electives and research, students select seven courses from an approved list. Students should see the academic unit for the approved course list. Other courses may be used with approval of the academic unit.

Only six credit hours of 400-level coursework are allowed on the plan of study, per Graduate College policy.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university in a related field, such as mathematics, statistics, business, economics or predictive analytics.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• two letters of recommendation
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants should have completed the following courses with a "B" or better (scale is 4.00 = "A"). ASU equivalents are given in parentheses. Courses may be substituted with approval of the academic unit:

Linear Algebra (MAT 342 or MAT 343)
calculus sequence 1-3 (MAT 270, 271, and MAT 272)
Applied Statistics (STP 420)
upper-division probability (ACT 415 or STP 421)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply appropriate techniques to analyze insurance datasets in coursework.
- Conduct all analyses in the field of actuarial science that appear on the preliminary actuarial exams.

- Use traditional and nontraditional predictive analytics to analyze large insurance data sets from real-world problems.

Career opportunities

Risk is a part of daily life, and wherever there is risk, there are opportunities for actuarial intervention. Many actuaries work with insurance companies to calculate premiums, to determine reserves needed to ensure an organization's financial health, and to ensure that organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants.

Graduates possess skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- consulting
- energy, such as utilities, oil and gas
- environment (on issues such as climate change and the financial impact or risk of extreme events)
- financial services, such as banking and investment management
- government agencies, such as the Social Security Administration, the Department of Labor, and the Centers for Medicare & Medicaid Services (to manage social programs and to develop regulations and legislation)
- higher education
- insurance
- retirement and pensions
- transportation, such as shipping and air travel

Graduates can also apply the advanced problem-solving skills to a variety of other professional positions, such as:

- analyst
- business operations specialist
- consultant
- teacher

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Addiction Psychology, MS (LAADPSYMS)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Master of Science program in addiction psychology pairs state-of-the-art research from internationally recognized experts in addictions with clinical expertise from licensed psychologists and licensed addiction counselors who have decades of experience providing addiction treatment.

This program provides the knowledge, skills and experience necessary for graduates to pursue state licensure for

becoming an addiction counselor.

ASU is an NAADAC Approved Education Provider. https://www.naadac.org/providers (https://www.naadac.org/providers)

STEM-OPT extension eligible: No

Degree requirements

45 credit hours including the required applied project course (PSY 593)

Required Core (27 credit hours)
PSY 570 Psychopharmacology (3)
PSY 601 Addiction and Substance Abuse: Assessment and Diagnosis (3)
PSY 602 Comorbidity in Substance Use Related Problems (3)
PSY 603 Evidence-based Interventions for Substance Use Related Problems (3)
PSY 604 Multicultural Issues Related to Substance Use Related Problems (3)
PSY 605 Group Therapy for Substance Use-Related Problems (3)
PSY 606 Case Management for Substance Use Related Problems (3)
PSY 607 Family and Adolescent Treatment for Substance Use Related Problems (3)
PSY 608 Supervision of Addictions Counselors (3)

Research (3 credit hours)
PSY 600 Research Methods (3)

Other Requirements (9 credit hours)
PSY 591 Seminar: Ethics (3)
PSY 680 Practicum (6)

Culminating Experience (6 credit hours)
PSY 593 Applied Project (6)

Additional Curriculum Information
Students complete six credit hours of practicum, which consists of 600 hours of applied work as an addiction counselor under supervision of licensed substance abuse counselors. With support from program advisors, students arrange for a supervision experience at a licensed addiction treatment center where they are located that provides supervision as part of the training experience. Program staff verify the licensure status of the agency and supervisor, and maintain a practicum training agreement. The practicum course also includes a weekly didactic class that facilitates the training process and monitors for any problems and successful completion of the practicum experience.

The culminating experience is a six credit hour applied project. For the applied project, students evaluate existing research on addiction treatment, identify gaps in the literature, and generate a study or recommendations that contribute to the field of addiction psychology. The applied project course also includes completion of a practice licensing exam that helps prepare students to obtain state licensure as an addiction counselor.

Courses listed for other requirements may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health, behavioral health, psychology, counseling or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/addiction-psychology-masters/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze different theories of addiction and models of addiction treatment in course projects.
- Develop integrated treatment plans based on client needs and assessment results and implement the treatment plan in supervised practicum setting.
- Formulate resolutions to ethical, legal, and cultural dilemmas that occur in clinical practice.

Career opportunities

Substance abuse counselor jobs can be incredibly rewarding and offer a wide variety of experiences. Graduates can find employment in substance abuse treatment centers; community mental health agencies; the primary care, integrated health and criminal justice fields; hospitals; schools and universities; and military and veterans affairs offices and hospitals.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.ASU's master's degree in addiction psychology meets the educational requirements to qualify for licensure in Arizona. Students should note there are additional postdegree requirements for licensure. The program also covers the educational content requirements for most states in the U.S.

Contact information

Department of Psychology | PSY 201
https://psychology.asu.edu/
addictionms@asu.edu
480-727-4561

Addiction and Substance-Use Related Disorders (certificate), Certificate (LAASRDGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

Addiction and substance abuse is one of America's top public health problems, and there is a growing need for well-trained addictions counselors.

The graduate certificate program in addiction and substance-use related disorders pairs state-of-the-art research by internationally recognized experts in addictions with clinical expertise of licensed psychologists and licensed substance abuse counselors who have decades of experience providing substance abuse treatment.

This program is valuable for those in counseling, social work, psychology, medicine and various fields of therapy who provide services to individuals and families suffering from addiction and substance use disorders.

The addiction certificate program meets all the curricular requirements of the Arizona State Board of Behavioral Health Examiners for licensure in substance abuse counseling as well as most national and state certification requirements.

STEM-OPT extension eligible: No

Degree requirements

21 credit hours

Required Core (18 credit hours)
PSY 570 Psychopharmacology (3)
PSY 601 Addiction and Substance Abuse: Assessment and Diagnosis (3)
PSY 602 Comorbidity in Substance Use Related Problems (3)
PSY 603 Evidence-Based Interventions for Substance Use Related Problems (3)
PSY 604 Multicultural Issues Related to Substance Use Related Problems (3)
PSY 605 Group Therapy for Substance Use-Related Problems (3)

Other Requirements (3)
PSY 591 Topic: Ethics (3)

Additional Curriculum Information
For students interested in pursuing licensure in substance abuse counseling, this graduate certificate meets all seven of the core content curricular requirements for the Arizona State Board of Behavioral Health Examiners. In addition, the program is in compliance with national certification curriculum guidelines.

PSY 591 can be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any health, behavioral health or counseling-related field from a regionally accredited institution or an equivalent degree from an international institution that is officially recognized by its country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae or resume
• one letter or recommendation
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/addiction-and-substance-use-related-disorders-graduate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Develop a comprehensive treatment plan using biopsychosocial assessment techniques in final course projects.
- Develop resolutions to ethical and legal dilemmas that occur in clinical practice.

Career opportunities

Substance abuse counseling can be incredibly rewarding, and the field offers a wide variety of experiences. Jobs are available in substance abuse treatment centers; community mental health agencies; primary care, integrated health and criminal justice facilities; hospitals; schools and universities; and military and veterans affairs centers. The U.S. Bureau of Labor Statistics expects employment of substance abuse counselors to grow 19% between 2023 and 2033, much faster than other occupations. Job prospects are expected to be very good for counselors who are licensed.

Career examples include:

- addiction counselor
- licensed addiction counselor
- licensed substance abuse counselor
- substance abuse counselor
- substance abuse technician

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Department of Psychology | PSY 201
https://psychology.asu.edu/
addictioncert@asu.edu
480-727-4561

African and African American Studies (certificate), Certificate (LAAFRICACE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program's name has changed effective Fall 2025. The previous name was African Studies.

Program description

The graduate certificate program in African and African American studies focuses on interdisciplinary study of the peoples, history and cultures of Africa and the multifaceted experiences of people of African descent in Europe and the Americas. Students gain access to an extensive range of information and systematic knowledge committed to the new model of African and African diaspora studies that focuses on the intersections of race, culture and gender with transdisciplinary perspectives.

Courses examine interdisciplinary approaches to studying race, ethnicity, social justice, gender, citizenship and economic development. Students study issues in African and African American history, migration patterns, art, literature, religion, family life and education, as well as how race and institutional racism have impacted the development of African descended people in America and around the world.

As this certificate program offers students an international dimension to the study of peoples and cultures of African descent, students enhance their knowledge about global issues and further expand their research pursuits. The program characterizes the faculty members' intellectual and research strengths and the curriculum's transdisciplinary strategies and research approaches that highlight the continuities and disjuncture of history and experiences throughout Africa and the diaspora.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
AFR 502 Africa and African Diaspora World (3)

Electives (12 credit hours)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. Students who are not regularly admitted to a graduate degree program may still pursue the certificate.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program. When applicable, applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in a master's degree program.

Applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Official copies of transcripts must be submitted from all colleges and universities where the applicant earned a bachelor's or master's degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Graduates will be able to employ appropriate theory and methods in the study of the African diaspora at a graduate level.
- Graduates will be able to practically and professionally apply knowledge of the African diaspora.

Career opportunities

Students who earn a graduate certificate in African and African American studies have many career opportunities, including:

- pursuing a career in journalism, teaching, law enforcement, social policy, human rights or civil rights
- starting their own business
- writing novels or screenplays

They also may attend graduate school in any number of disciplines, including anthropology, archeology, history, political science, psychology and sociology, or attend medical school or law school.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu

SSTgraduate@asu.edu
480-965-7682

American Indian Studies (Cultural Resource Revitalization and Sustainability), MS (LAAISCMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

This transdisciplinary Master of Science program in American Indian studies with a concentration in cultural resource revitalization and sustainability provides students with an intellectual and practical understanding of the issues facing American Indian populations, and the ability to apply that knowledge.

Students acquire problem-solving skills that are useful in a range of professional arenas, including government, private and nonprofit agencies. The curriculum's focus is on languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies paradigm perspective. Delivery is mainly through in-person courses.

Through the cultural resource revitalization and sustainability concentration, students explore the development and implementation of American Indian-focused cultural resource management processes and analyze how policies and laws can improve or hinder the protection of American Indian cultural and funerary patrimony.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (AIS 580)

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 503 Contemporary Issues of American Indian Nations (3)
AIS 525 Critical Indigenous Research Methodologies (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. Students should select this option if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. Students should select this option if they are interested in a leadership or managerial-level position within an organization or agency.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal essay
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal essay should be three to four pages that indicate the applicant's prior research experience and training, professional goals and research interests, and the fit between their interests and the program's emphases, requirements, current faculty, and coursework.

The writing sample should be 12 to 15 pages and can include a relevant policy paper or report, or a research paper for an academic course.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

After leaving ASU, many graduates:

- conduct research related to Indigenous culture revitalization
- direct or manage Indigenous culture organizations or companies
- facilitate Indigenous community partnerships and projects

Contact information

American Indian Studies Program | DISCVRY 356
https://americanindian.asu.edu/
aisgradadvising@asu.edu
480-965-3634

American Indian Studies (Indigenous Rights and Social Justice), MS (LAAISIMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in American Indian studies with a concentration in Indigenous rights and social justice is a transformative program designed to empower students with the knowledge and skills necessary to advance the rights of Indigenous peoples and their communities. Students are equipped to promote social justice in various contexts, including community-serving organizations, tribal agencies and nonprofit agencies. The interdisciplinary program draws on insights from law, sociology, anthropology, history and cultural studies, providing students with a comprehensive understanding of the systemic challenges faced by Indigenous communities around the world.

Students in this program study the historical and contemporary injustices that have impacted Indigenous peoples, including colonialism, land dispossession, cultural erasure and social inequities. Courses critically engage these issues, exploring how legal frameworks, social movements and grassroots activism intersect to shape, protect and advance Indigenous rights today. Courses cover a wide variety of topics, including Indigenous legal systems; human rights law; environmental justice; and the role of international organizations in protecting, defending and promoting Indigenous rights.

This program specifically focuses on decolonization and the reclamation of Indigenous knowledge systems, leadership and justice. Students learn from Indigenous scholars and community leaders, gaining insights into traditional governance structures, cultural practices and contemporary strategies for resistance and revitalization. This approach enriches the academic experience and fosters meaningful relationships between students and Indigenous communities.

In addition to theoretical foundations, the program emphasizes practical skills through experiential learning opportunities. Students may participate in fieldwork, internships or community projects that enable them to apply their knowledge in practical settings. These experiences provide students with valuable opportunities to engage with Indigenous organizations, governmental bodies and advocacy groups, enhancing their understanding of the complexities involved in promoting social justice.

The program fosters a collaborative learning environment that encourages critical dialogue and diverse perspectives. Students are invited to discuss the ethical implications of their work, reflecting on the responsibilities of advocating for marginalized communities. This focus on ethics and accountability ensures that students have the necessary knowledge and understand the importance of respect, reciprocity and solidarity in their professional endeavors.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Social Work - Standard Program, MSW

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

American Indian Studies, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (AIS 580)

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 503 Contemporary Issues of American Indian Nations (3)
AIS 525 Critical Indigenous Research Methodologies (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis; students should select this option if they have an interest in a research-oriented position within an organization or agency, or they wish to pursue a doctoral degree. Nonthesis students complete an applied project, under the direction of their faculty advisors, that identifies and addresses an applied problem or issue relevant to a partner agency or organization; students who are interested in a leadership or managerial position within an organization or agency should select this option.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education from a regionally accredited college or university of recognized standing.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal essay
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal essay should be three to four pages and indicate the applicant's research experience and training,

professional goals and research interests, and the fit between their interests and the program's emphases, requirements, current faculty and coursework.

The writing sample should be 12 to 15 pages; relevant policy papers or reports, and research papers for an academic course are examples of acceptable types of writing samples.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct research using methodologies that are culturally sensitive and respectful of Indigenous communities.
- Communicate effectively about complex issues related to Native American communities, both orally and in writing.
- Investigate processes and policies that advance Indigenous social justice and Indigenous rights.

Career opportunities

Graduates of the program are well-prepared to pursue careers in various fields, including law, policy development, community organizing, education and international relations, and as community liaisons. They emerge as informed advocates, capable of navigating the intricate legal and social landscapes that affect Indigenous peoples. With a commitment to equity, diversity and cultural sensitivity, graduates are prepared to challenge systemic injustices and contribute to empowering Indigenous communities.

Contact information

American Indian Studies Program | DISCVRY 356
https://americanindian.asu.edu/degrees/graduate
aisgradadvising@asu.edu
480-965-3634

American Indian Studies (Tribal Leadership and Governance), MS (LAAISTMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in American Indian studies with a concentration in tribal leadership and governance is designed for individuals committed to advancing the goals of Indigenous communities through effective governance and leadership practices. This interdisciplinary program provides students with a deep understanding of the unique political, cultural and legal frameworks that shape tribal nations, preparing them to become effective community leaders.

The curriculum combines theoretical knowledge with practical skills, covering essential topics such as tribal sovereignty, governance structures, decision-making processes and community development. Students explore traditional Indigenous practices and contemporary governance models, gaining insights into balancing cultural values with modern goals and challenges. Key focus areas include economic development, environmental stewardship, legal frameworks and community engagement. The program emphasizes ethical leadership and cultural sensitivity, ensuring that graduates approach their work with respect for Indigenous values and traditions.

Students learn from Indigenous research scholars, community leaders, and practitioners who bring rich perspectives

and experiences to the classroom. This collaborative environment fosters critical dialogue and encourages students to reflect on their roles as community partners and advocates. By engaging with diverse voices and perspectives, students develop a holistic understanding of the challenges and opportunities within tribal governance. By combining theoretical insights with practical experience, this program prepares students to address the complex challenges facing tribal nations and to advocate for sustainable, culturally relevant solutions. This program gives students the opportunity to elevate tribal leadership and contribute to the empowerment of Indigenous peoples.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Public Administration, MPA

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

American Indian Studies, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (AIS 580)

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 503 Contemporary Issues of American Indian Nations (3)
AIS 525 Critical Indigenous Research Methodologies (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. Students should select this option if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree.

Nonthesis students, under the direction of their faculty advisors, complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization. Students should select this option if they are interested in a leadership or managerial-level position within an organization or agency.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education from a regionally accredited college or university of recognized standing.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal essay
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal essay should be three to four pages and indicate the applicant's research experience and training, professional goals and research interests, and the fit between their interests and the program's emphases, requirements, current faculty and coursework.

The writing sample should be 12 to 15 pages; relevant policy papers or reports, and research papers for an academic course are examples of acceptable types of writing samples.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct research using methodologies that are culturally sensitive and respectful of Indigenous communities.
- Communicate effectively about complex issues related to Native American communities, both orally and in writing.
- Propose a policy structure to address a legal issue impacting an Indigenous nation or community.

Career opportunities

Graduates are well-equipped for a variety of roles working with or for tribal governments, tribally serving government agencies, policymakers, nonprofit organizations and community-based initiatives. They emerge as skilled leaders capable of navigating the intricacies of tribal administration, policy development and community engagement. Whether working in economic development, environmental management or social services, graduates are prepared to drive positive change and enhance the well-being of Indigenous communities.

Contact information

American Indian Studies Program | DISCVRY 356
https://americanindian.asu.edu/degree/graduate/american-indian-studies-tribal-leadership-and-governance-ms
aisgradadvising@asu.edu
480-965-3634

American Indian Studies (Visual and Oral Culture), MS (LAAISVMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science program in American Indian studies with a concentration in visual and oral culture is a transdisciplinary program that provides students with an intellectual and practical understanding of the issues facing American Indian populations, and the ability to apply that knowledge.

Students gain problem-solving skills in a range of professional arenas, including governmental, private and nonprofit agencies. The program focuses on the languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies perspective. Delivery is through in-person courses.

The visual and oral culture concentration explores and contributes to American Indian culture and history as it exists in visual, material and written forms through creative writing, literature, poetry, film, photography, performing arts, digital arts, oral tradition, history and communication from an American Indian studies paradigm.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (AIS 580)

Required Core (9 credit hours)
AIS 501 American Indian Studies Paradigms (3)
AIS 503 Contemporary Issues of American Indian Nations (3)
AIS 525 Critical Indigenous Research Methodologies (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)
AIS 580 Practicum (6) or
AIS 599 Thesis (6)

Additional Curriculum Information
Regarding concentration and electives options, students should see the academic unit for approved courses.

Students select a thesis or nonthesis option. Both are research projects, but the applied project is more applied in nature. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete a practicum project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial-level position within an organization or agency.

The required core classes emphasize the knowledge and skills all graduates must have. Concentrations and electives are designed so that students can concentrate in the areas of visual and oral culture, Indigenous rights and social justice, cultural resource revitalization and sustainability, or tribal leadership and governance.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal essay
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal essay should be three to four pages that indicate the applicant's prior research experience and training, professional goals and research interests, and the fit between their interests and the program's emphases, requirements, current faculty, and coursework.

The writing sample should be 12 to 15 pages and can include a relevant policy paper or report, or a research paper for an academic course.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

After completing the program, many graduates:

- conduct academic research
- curate and produce Indigenous festivals and events
- direct or manage Indigenous art companies, studios or dance-related organizations
- facilitate community partnerships and projects with Indigenous communities

Contact information

American Indian Studies Program | DISCVRY 356
https://americanindian.asu.edu/
aisgradadvising@asu.edu
480-965-3634

American Studies (Certificate), Certificate (LAAMSGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The graduate certificate program in American studies consists of interdisciplinary inquiries into the diverse cultures, global impact, social systems, gendered experiences, socioeconomic realities and political thought of the United States. The field of American studies has evolved to include an understanding of diversity in U.S. society; how the U.S. national community represents and imagines itself; how this resonates globally; and the role of social movements seeking to achieve political, legal and economic change.

The program trains students in:

• applied research methods, particularly those that involve community involvement and engagement
• critical methodologies, including how alternative voices are key in research, politics and policy, and social justice work
• explorations of racial literacy, gender, sexuality and socioeconomic experiences grounded in historical contexts that facilitate understanding of contemporary U.S. populations
• the history and trajectory of the field of American studies
• the use of storytelling and narratives to represent diverse communities and facilitate broader understanding across groups

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
AMS 502 American Studies: Theory and Method (3)

Methods (3 credit hours)
AMS 500 Research Methods (3)

Electives (9 credit hours)

Additional Curriculum Information
For electives, students select courses from an approved list provided by the academic unit.

AMS 500 may be substituted with an alternative methods course as approved by the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/american-studies/) for program descriptions and to request more information.

Career opportunities

Graduates of the certificate program are prepared for careers in policy, education and teaching, urban planning, sustainability, sociopolitical movements, environmental impacts, advocacy, nonprofit organizations, government, journalism, law and justice, public safety, and health. This certificate program is also well-suited to be paired with other professional degrees that prepare students for these careers.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
sstgraduate@asu.edu
480-965-7682

American Studies, MA (LAAMSTMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Arts program in American studies trains students in interdisciplinary approaches aimed at understanding the American experience in local and global contexts.

The array of disciplines spans the arts, humanities and social sciences, and faculty expertise covers a wide variety of ethnographic, historical, literary and media studies as well as interdisciplinary and community-based approaches. Given its geographical location in the American Southwest, the program values an exploration of diasporic and

transnational influences in U.S. cultures and social and political history.

The American studies faculty have strengths and expertise in the areas of critical ethnic studies, Indigenous studies, gender studies, Black studies, immigration studies, justice studies, disability studies, queer studies, Latino studies, transborder studies, Asian American studies, cultural studies, environmental humanities and sports studies, enabling students to focus their education around these areas.

Students gain expertise from working in a community of scholars dedicated to addressing critical questions of what America means, what American studies uncovers and how to expand the boundaries of the new American conversation. Graduate students are immersed in conversations about how one develops, conducts and engages in research on the American experience in academia and beyond. Additionally, faculty and students explore the field of American studies as the interdisciplinary analysis of American culture from multiple critical perspectives within transnational dynamics and exchanges.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Asian Pacific American Studies, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (AMS 593)

Required Core (3 credit hours)
AMS 502 American Studies: Theory and Method (3)

Other Requirement (3 credit hours)
Methods course (3)

Electives or Research (18 or 21 credit hours)

Culminating Experience (3 or 6 credit hours)
AMS 593 Applied Project (3) or
AMS 599 Thesis (6)

Additional Curriculum Information
Students must complete one methods course for the degree, with academic advisor approval; AMS 502 cannot be used to meet this requirement. These courses can be drawn from a wide array of units across the various ASU campuses, but students should take advantage of the SST graduate methods courses. The academic unit sends lists of SST methods courses once per semester; students should consult with their faculty advisor or chairperson and get approval from the graduate chairperson in American studies to determine the best courses to take.

For electives or research, students should see the academic unit for the approved course list. Students choose 18 credit hours for the thesis option or 21 for the applied project option.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• writing sample
• curriculum vitae
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. This program requires a TOEFL iBT® score of at least 90 (taken in a testing center).

The writing sample may be an article, published or unpublished; a research paper; a seminar paper; or any other extended sample of expository skill. A minimum of 4,000 words is required. The document should not be password protected.

The statement of purpose must be about 500 words and should be addressed to the American Studies Graduate Studies Committee. It must explain the applicant's scholarly background and training, career goals, the area of study they wish to pursue, and why they want to pursue graduate study at ASU.

Two references are required. Applicants should contact the faculty or professional supervisors they intend to use for references before listing them on the application and inform the intended recommenders that they will receive an email from the ASU American studies program asking them to complete a questionnaire and provide comments on the applicant's suitability for graduate study. Applicants should confirm recommenders' email addresses before submitting them on the application. References from family members or relations are not recommended.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

American studies graduates are able to bridge a strong theoretical foundation with applied research, making them well-equipped to enter national and international dialogues.

Graduates may go on to law school, graduate school or other professional degree programs. They find success in a number of areas in local and international contexts, including:

- business
- communications
- education
- government

- journalism
- law and medical fields
- nonprofits
- political consulting
- professional writing
- public engagement and community relations

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Animal Behavior, PHD (LAANBPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy in animal behavior is a transdisciplinary graduate degree program that provides doctoral-level training in mechanistic and functional approaches to understanding behavior in a variety of animal taxa.

The study of behavior is at the interface of several scientific disciplines, including anatomy, ecology, evolution, neuroscience and physiology. This program offers the diverse but specialized array of skills and knowledge needed to produce excellent research in animal behavior.

Students gain expertise with applied scientific value in areas such as veterinary science, and mental and behavioral health in humans. The ecological focus of the program feeds into local, state and global priorities in biological conservation and ecosystem sustainability.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, an oral and written exam, a prospectus and a dissertation

Required Core (8 credit hours)
ANB 601 Research Strategies in Animal Behavior (4)
ANB 602 Current Issues in Animal Behavior (1)

Electives or Research (64 credit hours)

Culminating Experience (12 credit hours)
ANB 799 Dissertation (12)

Additional Curriculum Information

Core course ANB 602 is a one credit hour course taken four times.

The department and the student's advisor determine a plan for elective and research courses in conjunction with the student.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Review the literature relevant to the research question in animal behavior that they address in their dissertation.
- Execute a research plan of their own design that addresses a significant scientific question about animal behavior.
- Communicate the rationale and results of their research, both orally and in writing.

Career opportunities

A PhD program in animal behavior provides strong preparation for academic careers at every level, including community colleges and research universities. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for wildlife management and conservation, and for conservation-related careers in nongovernmental organizations.

Career examples include:

- animal scientist
- biology professor
- conservation biologist
- postsecondary biology teacher
- wildlife biologist

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/animal-behavior-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Anthropology (Complex Adaptive Systems Science), PHD (LAANTHCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The School of Human Evolution and Social Change is an excellent choice for students who want to pursue a Doctor of Philosophy degree in the classic fields of anthropology: archaeology, bioarcheology, evolutionary anthropology and sociocultural anthropology. It is also an ideal environment for students who want to combine these approaches and other disciplines to explore specific issues or research questions within a transdisciplinary context.

The flexible graduate curricula are designed to encourage students to design innovative plans of study that enable them to pursue their interests while they receive broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines; these include applied mathematics, chemistry, environmental economics, epidemiology, formal modeling, genetics, sociology, sustainability, technology and society, and urban planning.

The complex adaptive systems science doctoral concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but also to finding solutions to humankind's greatest challenges.

Students receive training in data analysis and research design within the context of human evolution, archaeology and the wider field of anthropology. Through anthropological coursework, students learn how to ask important questions about the human species and employ statistics to analyze and extract meaning from data. Students also learn to appreciate their place in nature and the long history of human societal change that brought them to where they are today.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Students who enter the program with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate degree program. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of ASB 799 Dissertation (54 credit hours total) to be earned postadmission.

Students who enter without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio, which is formally evaluated by a faculty committee, and present that research in a public forum before continuing to the later stage of the doctoral program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in complex adaptive systems science, students select 12 credit hours from an approved list of applicable courses related to complexity.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study, and they typically have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for

their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degrees/graduate
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Anthropology (Urbanism), PHD (LAURBPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The School of Human Evolution and Social Change is an excellent choice for students wanting to pursue a Doctor of Philosophy in the classic fields of anthropology:

• archaeology
• bioarcheology
• evolutionary anthropology
• sociocultural anthropology

It is also an ideal environment for students who want to combine these approaches and other disciplines when exploring specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study to pursue their interests while receiving broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines, including:

• applied mathematics
• chemistry
• economics
• environmental
• epidemiology
• formal modeling
• genetics
• sociology
• sustainability
• technology and society

• urban planning

The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but to finding solutions to humankind's greatest challenges. The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

This degree program provides training in data analysis and research design within the context of human evolution, archaeology and the wider field of anthropology. In this program, through anthropological coursework, students learn how to ask important questions about the human species and employ statistics to analyze and extract meaning from data. Students learn to appreciate their place in nature and the long history of human societal change that brought them to where they are today.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate. This leaves 30 credit hours of coursework, 12 hours of research credit and 12 hours of dissertation credit (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in urbanism, 15 credit hours are selected from an approved list of applicable courses related to urbanism. These courses include the core urbanism course, GCU 516, as well as one course from each of the four urbanism clusters. These clusters are:

• built form
• culture and society
• institutions and governance
• natural environment

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable

master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission, but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Applicants may include with their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Anthropology, PHD (LAANTHRPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The School of Human Evolution and Social Change is an excellent choice for students interested in pursuing a Doctor of Philosophy in the classic fields of anthropology:

• archaeology
• bioarchaeology
• evolutionary anthropology
• sociocultural anthropology

It is also an ideal environment for students who want to combine these approaches and other disciplines to explore specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study that enable them to pursue their interests while they receive broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines, including:

• applied mathematics
• chemistry
• environmental economics
• epidemiology
• formal modeling
• genetics
• sociology
• sustainability
• technology and society
• urban planning

The training students receive in this program prepares them to become expert scholars who are able to contribute not only to their chosen field but also to finding solutions to humankind's greatest challenges. This program provides training in data analysis and research design within the context of human evolution, archaeology and the wider field of anthropology. Through anthropological coursework, students learn how to ask important questions about the human species and employ statistics to analyze and extract meaning from data. Students learn to appreciate humanity's place in nature and the long history of human societal change.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Students who enter the program with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hours required for the doctorate. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned postadmission.

Students who enter without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio to be formally evaluated by a faculty committee, and present that research in a public forum before continuing to the later stage of the doctorate.

All students must maintain a GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Applicants also may submit with their application materials an optional scholarly writing sample not to exceed 30 double-spaced pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought-after for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/anthropology-phd
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Applied Behavior Analysis, MS (LAAPBAMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in applied behavior analysis is a full-time, two-year program designed to align with the Behavior Analyst Certification Board's current test content outline, encompassing 345 classroom hours and 2,000 hours of supervised practicum fieldwork.

Graduates develop skills with a primary focus on three areas delineated by the certification board: foundational behavior-analytic skills, client-centered responsibilities and the accumulation of essential knowledge.

Within this program, students are immersed in the intricacies of behavior-analytic principles such as positive reinforcement, shaping and communication training. They gain a strong foundation in effecting positive behavior change, addressing behavioral excesses and deficiencies, and challenging behaviors through evidence-based interventions.

This advanced degree program places an emphasis on the ethical conduct of applied behavior analysis, preparing students to navigate the field with integrity. Students also have the opportunity to enhance their communication and leadership skills while training others on applied behavior analysis.

Mastery of behavioral measurement techniques is central to this program. Students learn to collect and interpret data effectively and develop proficiency in understanding experimental designs to uncover relationships among measurements, relevant variables and behavior.

STEM-OPT extension eligible: No

Degree requirements

45 credit hours including the required applied project course (PSB 593)

Required Core (27 credit hours)
PSB 501 Basic Principles of Applied Behavior Analysis (3)
PSB 510 Basic Principles of Experimental Analysis of Behavior (3)
PSB 511 Advanced Research Methods (3)
PSB 520 Ethical Issues and Professional Standards in Applied Behavior Analysis (3)
PSB 530 Behavioral Observation and Functional Assessment (3)
PSB 540 Development of Applied Behavioral Intervention Programs (3)
PSB 563 Basic Principles of Organizational Behavior Management (3)
PSB 573 Advanced Principles of Learning and Analysis of Behavior (3)
PSB 578 Applied Behavior Analysis in Developmental Disorders (3)

Electives or Research (4 credit hours)
PSB 591 Seminar (2)
PSB 598 Special Topics (2)

Other Requirements (9 credit hours)
PSB 580 Practicum (5)
PSB 583 Fieldwork (4)

Culminating Experience (5 credit hours)
PSB 593 Applied Project (5)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's degree in psychology, human development, sociology or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose form
• curriculum vitae or resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The MS in applied behavior analysis program requires a TOEFL iBT score of at least 90 with Speaking and Writing portions in high "Fair" to "Good" range (22--30), or a PTE score of 62 or higher. IELTS scores must be 6.5 overall with at least 6.5 in the speaking and writing portions.

The application is completed online through the ASU Admission Services website. Applicants should upload their unofficial transcripts to the application before submitting.

It is strongly recommended that applicants download and print the MS in applied behavior analysis admission checklist from the Department of Psychology website to ensure completion of the application process and inclusion of all the required supplemental forms.

The statement of purpose form should describe professional and academic aspirations.

Applicants must submit two letters of recommendation from professionals or faculty members who can speak to the applicant's abilities.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate data to determine treatment efficacy in course projects.
- Design behavioral assessments in course projects.
- Develop an organizational behavior management (OBM) project and intervention.

Career opportunities

With a strong foundation in evidence-based practices, graduates have obtained the essential knowledge, skills and practical experience needed to pursue state licensure and establish themselves as proficient Board-Certified Behavior Analysts®. This program prepares students for highly sought-after roles within the human services sector, and upon graduation, students are well-prepared to pursue rewarding careers such as:

- assistant clinical director
- behavior specialist
- clinical director

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Department of Psychology | PSY 243
https://psychology.asu.edu/degree/graduate/applied-behavior-analysis-ms
msabapsych@asu.edu
480-727-4561
Admission deadlines (https://psychology.asu.edu/admissions/graduate-admissions/requirements)

Applied Mathematics, PHD (LAAPMPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in applied mathematics is intended for students with superior computational and mathematical modeling ability. It emphasizes a solid mathematical foundation and promotes creative scholarship in an application discipline.

The School of Mathematical and Statistical Sciences has faculty in applied mathematics with outstanding transdisciplinary research programs that have strong external funding. Current research interests include mathematical epidemiology and mathematical ecology, mathematical neuroscience, environmental fluid dynamics and high-performance computing, imaging and inverse problems, supply chain dynamics, control and optimization, computational methods for ordinary and partial differential equations, analysis of differential equations, and geophysical and environmental fluid dynamics.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
APM 505 Applied Linear Algebra (3)

Other Requirements (12 credit hours)
APM 501 Differential Equations I (3)
APM 502 Differential Equations II (3)
APM 503 Applied Analysis (3)
APM 504 Applied Probability and Stochastic Processes (3)
APM 506 Computational Methods (3)

Electives and Research (57 credit hours)

Culminating Experience (12 credit hours)
APM 799 Dissertation (12)

Additional Curriculum Information
Students must pass:
• two qualifying examinations
• a written comprehensive examination
• an oral dissertation prospectus defense

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Electives are chosen from math or related area courses approved by the student's supervisory committee.

Students choose four out of the five courses listed for other requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, applied mathematics, economics, engineering or a natural science from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• statement of education and career goals
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

To demonstrate their competitiveness in an applicant pool, applicants must show evidence of coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371). It is desirable that applicants have scientific programming skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply concepts and skills from applied mathematics to conduct original research.
Able to complete original research in applied mathematics.
Apply advanced computational methods in their coursework and research.

Career opportunities

Foundational knowledge in mathematics is required for building careers in science and technology. It can be applied in many different types of professions in fields that include engineering, life sciences, business, and economic and social sciences. These are just a few of the top careers possible with a doctorate in applied mathematics:

biostatistician
data scientist
engineer
financial analyst
government and military researcher
industrial researcher
mathematical modeling expert
mathematician
medical researcher
operations research analyst
university instructor and faculty member

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Applied Prevention Science (Certificate), Certificate (LAAPSGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

ASU is not currently accepting applications for this program.

Program description

This graduate certificate program provides foundational and theoretical knowledge necessary for employment in the field of mental illness prevention and health promotion.

The program offers five courses totaling 15 credits. Training is self-directed, with one-on-one feedback from faculty. Specific training areas and assignments are highly relevant to job demands, including community-based program evaluation; evidence-based psychosocial interventions; prevention ethics including in diverse settings and with diverse populations; and community psychology, advocacy and funding seeking for prevention programming initiations and sustainment.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
PSY 563 Prevention Planning and Evaluation in Service Settings (3)
PSY 564 Prevention Education, Communication and Service Delivery (3)
PSY 567 Prevention Organization and Community Change (3)
PSY 569 Professional Ethics, Growth and Responsibility in Prevention (3)
PSY 678 Preventive Psychosocial Interventions that Work (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or in any health, mental health, or counseling-related field, from a regionally accredited institution, or an equivalent degree from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/applied-prevention-science-graduate-certificate/) for program descriptions and to request more information.

Career opportunities

The certificate program in applied prevention science is valuable for those aspiring to work in fields that provide services to children and families in diverse settings such as schools, courts, community health centers and mental health agencies, child welfare, home visiting programs, foster care services and tribal behavioral health.

Career examples include:

- behavioral health specialist
- community and social service specialists
- community health worker
- prevention specialist

Contact information

Department of Psychology | PSY 162
https://psychology.asu.edu/
prevention@asu.edu
480-727-7082

Asian Languages and Civilizations (Chinese), MA (LACHINAMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Chinese graduate program in the School of International Letters and Cultures offers a Master of Arts degree with a focus in one of two areas: culture (literature, linguistics, religion) or pedagogy.

The two areas of instruction are designed to prepare students to succeed in Chinese language environments with cultural competence. Each of these two areas also introduce students to the fundamentals of sinology and East Asian studies, which can prepare them for further scholarly, educational and professional pursuits.

The focus on culture (literature, linguistics, religion) provides disciplinary training that allows students to achieve in-depth command of spoken, aural and oral Mandarin Chinese as well as written literary Chinese.

The pedagogy focus is intended for students whose major interest is in teaching modern Chinese in K--16 environments. Students are trained in communicative and task-based language teaching approaches embedded within appropriate cultural contexts, as well as developing solid foundations in teaching Chinese literacy, pronunciation and linguistic systems.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (CHI 593)

Required Core (3 credit hours)
CHI 501 or JPN 501 Proseminar: East Asian Humanities (3)

Concentration (3 credit hours)
SLC 596 Second Language Methodologies (3)

Electives (15 credit hours)

Other Requirements (3 credit hours)
CHI 598 Topic: History of the Chinese Language (3)

Culminating Experience (6 credit hours)
CHI 593 Applied Project (6) or
CHI 599 Thesis (6)

Additional Curriculum Information
The MA in Asian languages and civilizations has concentrations in Chinese and Japanese. Students in the Chinese concentration take CHI 501 as required core and students in the Japanese concentration take JPN 501 for core. The course is cross-listed.

Electives are selected in consultation with the program chairperson.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Chinese or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The writing sample should represent the applicant's thinking and writing skills on a topic connected with Chinese

culture.

Candidates for the master's degree should present the equivalent of an undergraduate major in Chinese upon entrance to the program. Those who lack this background but show strong potential and meet the Graduate College admission requirements, including those with regard to English proficiency, may be admitted to a graduate program on a provisional basis. Students assigned any additional coursework upon admission must be completed in addition to the regular plan of study for the master's degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically assess the current issues and directions of Chinese and East Asian studies.
Analyze Chinese linguistically (linguistics track) or through literary, historical, and cultural texts (culture track).
Present the findings of their independent research with the appropriately cited evidential data to substantiate those findings.

Career opportunities

Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in larger sectors such as governmental, diplomatic and international business.

Career examples include:

foreign service
historians
interpreters and translators
lawyers
reporters and correspondents
social and community service managers
state department employees
supply chain managers
teachers and professors of area, ethnic and cultural studies
teachers and professors of foreign language and literature

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/asian-languages-and-civilizations-chinese-ma
silc@asu.edu
480-965-6281

Asian Languages and Civilizations (Japanese), MA (LAJAPANMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Asian languages faculty in the School of International Letters and Cultures offer a graduate program leading to a Master of Arts degree in Asian languages and civilizations with a concentration in Japanese.

ASU's Japanese master's degree program allows students to pursue their interests in Japanese history, literature and culture through advanced training in modern and classical Japanese, and through in-depth study of specific historical and cultural periods.

The training equips students with the skills to do original research in primary sources and with the critical and methodological background to understand their chosen fields. Areas of particular faculty strength include early modern and modern literature; film, animation and popular culture; translation studies; modern history; Japan's warrior cultures; and transnational studies, especially Sino-Japanese literary and cultural relations and kanshibun genres.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (JPN 593)

Required Core (3 credit hours)
CHI 501 or JPN 501 Proseminar: East Asian Humanities (3)

Concentration (3 credit hours)
JPN 586 History of Japanology (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)
JPN 593 Applied Project (6) or
JPN 599 Thesis (6)

Additional Curriculum Information
The MA in Asian languages and civilizations has concentrations in Chinese and Japanese. Students in the Chinese concentration take CHI 501 as required core and students in the Japanese concentration take JPN 501 for core. The course is cross-listed.

Electives are selected in consultation with the program chairperson.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Japanese or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement

• resume
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The writing sample should represent the applicant's thinking and writing skills on a topic connected with Japanese culture. An academic writing sample, such as a research paper from a previous course, is preferred.

The personal statement should highlight the applicant's motivations and skills and indicate why they are interested in the Japanese graduate program.

Candidates for the program should present the equivalent of an undergraduate major in Japanese upon entrance to the program. Those who lack this background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis. Students assigned additional coursework upon admission must be completed in addition to the regular plan of study for the master's degree.

Students should see the School of International Letters and Cultures website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create a comprehensive literature review of both English and Japanese-language scholarship on a specific topic.
Translate accurately from both modern and classical Japanese-language primary sources relevant to their chosen research program.
Produce an original thesis project following the protocol for humanities research.

Career opportunities

Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

foreign service
interpreters and translators
lawyers
reporters and correspondents
social and community service managers
state department
supply chain managers
teachers and professors of area, ethnic and cultural studies
teachers and professors of foreign languages and literature

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/asian-languages-and-civilizations-japanese-ma
silc@asu.edu
480-965-6281

Asian Studies (certificate), Certificate (LAASIANCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in Asian studies offers graduate students a transdisciplinary specialization in Asian language and area studies.

The certificate program is available in two tracks. The East Asia track includes China, Japan and Korea, and the Southeast Asia track includes Burma, Laos, Thailand, Vietnam, Malaysia, Singapore, Indonesia, the Philippines, Brunei and Timor Leste.

STEM-OPT extension eligible: No

Degree requirements

18 credit hours

Required Core (6 credit hours)
two courses at the 500 level or higher that cover Asian content from a single discipline

Electives (6 credit hours)
two courses at the 500 level or higher that cover Asian content from a discipline other than that chosen for the core courses

Other Requirements (6 credit hours)
language proficiency requirement: two courses at the 400 level or higher in one Asian language (Chinese, Indonesian, Japanese, Korean, Thai, Vietnamese)

Additional Curricular Information
Students work closely with a faculty advisor from the Center for Asian Research to develop a cohesive curriculum tailored to their individual goals and interests.

Some of the coursework from the discipline in which the student is earning a graduate degree may be used to satisfy these requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Graduate students currently enrolled in any discipline may pursue a certificate in Asian studies in conjunction with their degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa must apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the graduate certificate program in Asian studies have training and knowledge relevant to careers in government, nongovernmental organizations, nonprofit organizations, global relationships, intercultural understanding, foreign service, research, professional writing and community college teaching.

Career examples include:

- cultural center associate
- historical society and exhibit curator
- language interpreter
- teacher or instructor

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 6613
https://shprs.asu.edu/degree/graduate/asian-studies-certificate-cert
asia@asu.edu
480-727-0968

Astrophysics and Astronomy, MS (LAASTPHMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in astrophysics and astronomy provides fundamental graduate training in both astrophysics and astronomy.

Students take courses that cover stars and interstellar media, galaxies and cosmology, and they acquire quantitative skills through analysis and modeling. They may have observation opportunities through regional and international telescope observatories.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Earth and Space Exploration, BS

Mechanical Engineering, BSE

Earth and Space Exploration (Geological and Planetary Sciences), BS

Aerospace Engineering (Astronautics), BSE

Earth and Space Exploration (Astrobiology and Biogeosciences), BS

Earth and Space Exploration (Exploration Systems Design), BS

Electrical Engineering (Electric Power and Energy Systems), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Electrical Engineering, BSE

Earth and Space Exploration (Astrophysics), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone courses (SES 510 and SES 511)

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (5 credit hours)

Other Requirements: Astrophysics Sequence (9 credit hours)
AST 521 Stars and Interstellar Medium I (3)
AST 522 Stars and Interstellar Medium II (3)
AST 591 Seminar: Astrophysics (2)
SES 501 SESE Colloquium (1)

Other Requirements: Galaxies and Cosmology Sequence (3 credit hours)
AST 531 Galaxies and Cosmology I (3)
AST 532 Galaxies and Cosmology II (3)

AST 533 Galaxies and Cosmology III (3)

Other Requirements: Exoplanets and Planetary Science Sequence (3 credit hours)
AST 598 Topic: Origins of Solar Systems (3)
AST 598 Topic: Exploring Exoplanets (3)
SES 598 Topic: Water in the Solar System (3)

Other Requirements: Instrumentation and Techniques Sequence (3 credit hours)
AST 552 Astronomical Instrumentation and Data Analysis (3)
SES 598 Topic: An Introduction to Astro-statistics (3)
SES 598 Topic: Introductory Radio Astronomy (3)
SES 598 Topic: Spectroscopy for Astrophysics (3)

Culminating Experience (6 credit hours)
SES 510 Graduate Exploration Project I (3) and SES 511 Graduate Exploration Project II (3) or
SES 599 Thesis (6)

Additional Curriculum Information
Students select one course from each Other Requirements category. Substitutions may be made per department approval.

For their culminating experience, students in an accelerated program complete capstone courses SES 510 and 511. All other students complete SES 599.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in astrophysics and astronomy are in high demand across all sectors and industries, including remote sensing, data science, instrument building and scientific research. Coding and numerical modeling skills translate across many domains, including those beyond astrophysics. Skills in the measurement and analysis of data related to the physics, chemistry and structure of the universe and exoplanetary systems are valuable to businesses and institutions that rely on data-driven strategies to explore beyond the Earth and the solar system.

This degree program prepares candidates for further graduate study or for careers in related fields. Opportunities include scientific staff positions at government laboratories, teaching positions at the community college level, and technical positions in industry. Career examples include:

data scientist
research astronomer
telescope operator

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Astrophysics, PHD (LAASTPHPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in astrophysics develops creative scholarship in students and prepares them for professional careers in astrophysics, astronomy or related fields.

Students in this program take graduate-level courses in stars and interstellar media, galaxies and cosmology; obtain quantitative skills through analysis and modeling; may have observing opportunities through regional and international telescope observatories; and conduct independent, fundamental astrophysical research. Graduate students work closely with a research advisor on a wide variety of topics, including theoretical physics, cosmology, galaxy dynamics, stellar evolution, exoplanets, and the development and building of instrumentation.

Graduate students in astrophysics become leaders in observational and theoretical research. They participate in NASA- and National Science Foundation-funded space missions and study topics such as how stars are born and die, how galaxies interact and evolve, and how the universe changed as it developed from its earliest beginnings.

The program's world-class faculty have research expertise across the full breadth of astrophysics, including the solar system, stars and galaxies from the Milky Way to the most distant galaxies in the universe. Current ASU research applies both computational and observational approaches to the exploration of a variety of topics, such as fundamental cosmology and whether there is life on exoplanets.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (53 credit hours)

Other Requirements: Astrophysics Sequence (9 credit hours)
AST 521 Stars and Interstellar Medium I (3)
AST 522 Stars and Interstellar Medium II (3)
AST 591 Seminar: Astrophysics (2)
SES 501 SESE Colloquium (1)

Other Requirements: Galaxies and Cosmology Sequence (3 credit hours)
AST 531 Galaxies and Cosmology I (3)
AST 532 Galaxies and Cosmology II (3)
AST 533 Galaxies and Cosmology III (3)

Other Requirements: Exoplanets and Planetary Science Sequence (3 credit hours)
AST 598 Topic: Exploring Exoplanets (3)
AST 598 Topic: Origins of Solar Systems (3)
SES 598 Topic: Water in the Solar System (3)

Other Requirements: Instrumentation and Techniques Sequence (3 credit hours)
AST 552 Astronomical Instrumentation and Data Analysis (3)
SES 598 Topic: An Introduction to Astro-statistics (3)
SES 598 Topic: Introductory Radio Astronomy (3)
SES 598 Topic: Spectroscopy for Astrophysics (3)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
Students select one course from each other requirement category. Substitutions may be made per department approval.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's

degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate literature and current research in the field of astrophysics as it relates to their own original research.
Conduct independent, original scientific research, drawing scientific conclusions that advances knowledge in astrophysics.
Effectively communicate complex astrophysics concepts, research findings, and their implications to diverse audiences, including scientific peers, industry professionals, and the public.

Career opportunities

Professionals with expertise in astrophysics are in high demand across all sectors and industries, including remote sensing, data science, instrument building, computational science, defense industries and scientific research. Coding and numerical modeling skills translate across many domains, even beyond astrophysics. Skills in the measurement and analysis of data related to the physics, chemistry and structure of the universe and exoplanetary systems are valuable to businesses and institutions that rely on data-driven strategies to explore beyond the Earth and solar system.

A doctoral degree in astrophysics is required for some careers in postsecondary education and research.

Career examples include:

astrophysics professor
data scientist
instrument builder
project manager
research astronomer
telescope operator

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Atmospheric Science (certificate), Certificate (LAATMOSCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program is not currently accepting applications.

Program description

The transdisciplinary certificate program in atmospheric science is administered by an executive committee composed of faculty from the Ira A. Fulton Schools of Engineering and The College of Liberal Arts and Sciences. The objective of this program is to recognize Arizona State University graduate students who complete a dissertation on a topic related to the atmospheric or oceanic sciences under the supervision of a faculty member from one of the cooperating departments.

STEM-OPT extension eligible: No

Degree requirements

16 credit hours

A minimum of 16 credit hours is required in order to qualify for the atmospheric science certificate, consisting of:

three 3 credit hour courses from a list of courses in the core disciplines (9)
two 3 credit hour courses from a list of electives at the 400 level or above (6)
a capstone seminar (1)

Considering the diversity of courses and in order to ensure a transdisciplinary flavor, all prospective recipients have the certificate program approved by the certificate executive committee. Certificates only are awarded to students who are enrolled in an MA, MS, MNS or PhD program at ASU. The student's thesis or dissertation must also be related to some aspect of atmospheric science.

The core courses are offered at least once every other year, so the certificate may be completed within two years.

Specific requirements are:

approval by the certificate committee of the student's proposed course selection
completion of one course from each of the core disciplines with a grade of "B" (3.00) or better
completion of two courses from the list of electives with a grade of "B" (3.00) or better
completion of the capstone seminar, which is one credit hour
completion of a dissertation on a topic related to the atmospheric or oceanic sciences

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/
SGSUP.gradprograms@asu.edu
480-965-7533

Biochemistry (Medicinal Biochemistry), MS (LABCHMCMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Students in the Master of Science program in biochemistry with a concentration in medicinal chemistry in the School of Molecular Sciences are trained in the fundamental aspects of the discipline while joining transdisciplinary teams that work on larger, mission-based contemporary problems in areas such as:

• fundamental chemical biology
• medicine and health
• structure function and dynamics

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biochemistry (Medicinal Chemistry), BS

Molecular Biosciences and Biotechnology, BS

Chemistry, BS

Biochemistry, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project (research paper) course (CHM 593 or BCH 593)

Required Core (4 credit hours)
BCH 501 Current Topics in Biochemistry or CHM 501 Current Topics in Chemistry (4)

Concentration (3 credit hours)
CHM 535 Medicinal Chemistry (3)

Electives (15 credit hours)
three 500-level courses (9)
additional coursework or BCH 592 Research (6)

Other Requirements (6 credit hours)
BCH 592 Research (6)

Culminating Experience (2 credit hours)
BCH 593 Applied Project or CHM 593 Applied Project (2)

Additional Curriculum Information
The program consists of coursework, seminars and a research component. Elective coursework is selected based on the research area and in consultation of the research advisor.

For the required core, students complete four credit hours of any combination of BCH 501 and CHM 501 special topics.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants interested in pursuing the accelerated degree program should review the requirements and submit a pre-application found on the School of Molecular Sciences website (https://sms.asu.edu/Graduate-Study/MedChem) before submitting a formal graduate admission application to the degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with training achieved in pursuit of a graduate degree in biochemistry have opportunities in six general areas: health care (pre-physician training, medical or clinical laboratory support), industry (research and development, quality control), academia (high school and higher education), government (research, policy), nonprofit (policy, public education) and entrepreneurship (consulting, startups). In addition to specialized technical skills, graduates have vital, high-demand skills, such as critical thinking, teamwork and collaboration, and time management.

Some career examples include:

biotechnologist
drug discovery scientist
clinical laboratory technician
medical lab technician
pharmacology scientist
research and development scientist

The American Chemical Society provides helpful resources and a comprehensive list of possible careers on its website at https://www.acs.org/careers/chemical-sciences.html.

Contact information

School of Molecular Sciences | PSD 104
https://sms.asu.edu/Graduate-Study/MedChem
smsgrad@asu.edu
480-965-4664

Biochemistry, MS (LABIOCHMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Students who earn a Master of Science degree in biochemistry in the School of Molecular Sciences are trained in the fundamental aspects of the discipline. Most students also choose to learn by joining transdisciplinary teams that work on larger, mission-based contemporary problems in areas such as:

• biogeochemistry
• energy and sustainability

• fundamental chemical biology
• materials and nanoscience
• medicine and health
• structure function and dynamics

This program provides students with the training they need to solve biological problems at the molecular scale and contribute to research that can address challenging societal issues.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (BCH 597)

Required Core (4 credit hours)
BCH 501 Current Topics in Biochemistry or CHM 501 Current Topics in Chemistry (4)

Electives (12 or 18 credit hours)

Other Requirements (5 or 8 credit hours)
BCH 501 Current Topics in Biochemistry or CHM 501 Current Topics in Chemistry (2)
BCH 591 Seminar (3)
BCH 592 Research (8)

Culminating Experience (3 or 6 credit hours)
BCH 597 Capstone (3)
BCH 599 Thesis (6)

Additional Curriculum Information
For the required core, students complete four credit hours of any combination of BCH 501 or CHM 501. Students choose one of the culminating experience options listed above. The credit hours required for the electives and other requirements depend on the culminating experience chosen; all students must complete 30 credit hours for this degree program. Students who choose the thesis option complete 12 credit hours of electives and BCH 592 for eight credit hours. Students who choose the capstone option complete 18 credit hours of electives; two additional credit hours of CHM 501 or BCH 501; and three credit hours of BCH 591.

The program consists of coursework, seminars and a research component (extensiveness depends on the culminating experience).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with training achieved in pursuit of a graduate degree in biochemistry have opportunities in six general areas: health care (prephysician training, medical or clinical laboratory support), industry (research and development, quality control), academia (high school and higher education), government (research, policy), nonprofit (policy, public education), and entrepreneurship (consulting, startups). In addition to specialized technical skills, graduates have many high-demand skills, such as critical thinking, teamwork and collaboration, and time management.

Some career examples include:

- biotechnologist
- clinical laboratory technician
- drug discovery scientist
- government scientist
- pharmacology scientist
- research and development scientist
- science consultant

The American Chemical Society provides helpful resources and a more comprehensive list of possible careers on its website at https://www.acs.org/careers/chemical-sciences.html.

Contact information

School of Molecular Sciences | PSD 104
https://sms.asu.edu/Graduate-Study/MS
smsgrad@asu.edu
480-965-4664

Biochemistry, PHD (LABIOCHPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in biochemistry through the School of Molecular Sciences provides students with the training they need to solve biological problems at the molecular scale and to be successful, independent scientists who can address challenging societal issues.

Students who earn a doctoral degree in biochemistry are fully trained in all fundamental aspects of the discipline. Most also choose to join transdisciplinary teams that work on larger, mission-based contemporary problems in areas such as:

• biogeochemistry
• energy and sustainability
• fundamental chemical biology
• materials and nanoscience
• medicine and health
• structure function and dynamics

Students should visit the prospective student webpage (https://sms.asu.edu/Graduate-Study/Biochemistry-PhD) to learn more about this doctoral program and the advanced transdisciplinary research being conducted in the School of Molecular Sciences.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

six graduate-level courses (12-18 credit hours)
enrollment in a BCH 501/CHM 501 seminar (8 credit hours)
BCH 792 Research (46-52 credit hours)
BCH 799 Dissertation (12 credit hours)

Additional Curriculum Information
The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research. Qualifying exams consisting of a written comprehensive exam, an oral comprehensive exam and a prospectus are required to advance to candidacy. Students must successfully defend their dissertation during a public final oral defense. Students must also maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or higher.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

In addition to the admission application, applicants must complete an online supplemental application to the School of Molecular Sciences. The supplemental application is available 24 to 48 hours after submission of the admission application. The personal statement and contact information for the letters of recommendation are submitted as part of the supplemental application. Information about the supplemental application can be found on the department's website. Applications that do not have a supplemental application are not reviewed.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The doctoral program in biochemistry prepares students for professional careers in industry, government and academia. Professionals with knowledge achieved in pursuit of a graduate degree in biochemistry have opportunities in five general areas:

academia (high school and higher education)
entrepreneurship (consulting, startups)
government (research, policy)
industry (research and development, quality control)
nonprofit (policy, public education)

In addition to specialized technical skills, graduates have high-demand skills such as critical thinking, teamwork and collaboration, time management and many others.

Some career examples include:

drug discovery scientist
government scientist
pharmacology scientist
research and development scientist
research group leader
science consultant
university professor

The American Chemical Society provides helpful resources and a comprehensive list of possible careers on its website at https://www.acs.org/careers/chemical-sciences.html.

Contact information

School of Molecular Sciences | PSD 104
https://sms.asu.edu/Graduate-Study/Biochemistry-PhD
smsgrad@asu.edu
480-965-4664

Biology (Biology and Society), MS (LABIOSMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the biology and society concentration of the Master of Science program in biology, students examine topics in which biology intersects with society.

The concentration tailors individual plans of study to individual needs and interests, with a solid grounding in the life and related sciences and with a rigorous analytical and interdisciplinary education. The program offers suggested courses for those who wish to focus on these areas: bioethics, policy and law; biology education research; ecology, economics and ethics of the environment; and history and philosophy of science.

Bioethics, policy and law --- Students are trained in the pressing moral, policy and legal issues raised by the biosciences and biomedicine and in the disciplinary methods necessary to address these issues.

Biology education research --- This area focuses on carrying out education research to identify ways to improve undergraduate biology education broadly.

Ecology, economics and ethics of the environment --- Students are trained in the theory and empirical methods for understanding, analyzing and shaping policy for coupled human-natural systems.

History and philosophy of science --- Students are trained in the conceptual foundations of science, especially the epistemological and methodological assumptions that shape science and its progress through time.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Sciences (Biomedical Sciences), BS

Biological Sciences (Biology and Society), BS

Biological Sciences (Conservation Biology and Ecology), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Biological Sciences, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis

Required Core (1 credit hour)
BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1) or
BIO 611 Current Topics in Responsible Conduct of Research (RCR) in the Life Sciences (1)

Concentration (2 credit hours)
BIO 615 Biology and Society Lab (1), taken twice

Electives or Research (21 credit hours)

Culminating Experience (6 credit hours)
BIO 599 Thesis (6)

Additional Curriculum Information
The Electives or Research category allows an individual student program to be developed in consultation with the student's advisor and committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students are expected to have completed the equivalent of core requirements for an undergraduate major in biology or a related discipline (typically evolution, genetics and other courses appropriate to the student's particular interests).

Students who do not have an undergraduate-level competency in the sciences may be considered for conditional admission to the biology and society concentration.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to articulate an understanding of current literature on scientific developments and their relevance to society in scholarly writing.
Able to contribute to original biology and society research in scholarly writing.
Able to communicate biology and society research results in presentations.

Career opportunities

Graduates are prepared for academic careers. Their skills and knowledge are also valuable for government careers in federal and state agencies responsible for management and conservation and for careers in industry and nongovernmental organizations.

Career examples include:

instructor at a university or college
lawyer
researcher analyzing health care, environmental or educational systems in an academic, government, nonprofit, private or industrial organization
science communicator in an academic, private or industrial organization
science policymaker or administrator
science or social studies teacher in an elementary or high school

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/biology-biology-and-society-ms
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Biology (Biology and Society), PHD (LABIOSPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the biology and society concentration of the Doctor of Philosophy program in biology, students examine topics with biological and social dimensions that are best understood together rather than in isolation. The concentration provides plans of study tailored to individual needs and interests. It encompasses a solid foundation in life sciences and related sciences and provides a rigorous analytical and interdisciplinary education. Students may further specialize in one of four tracks:

Bioethics, policy and law --- This track focuses on pressing moral, policy and legal issues raised by biosciences and biomedicine, as well as methods to address them.

History and philosophy of science --- This track focuses on the conceptual foundations of science, especially the epistemological and methodological assumptions that shape science and its progress over time.

Ecology, economics and ethics of the environment --- This track focuses on the theory and empirical methods for understanding, analyzing and shaping policy that steer society toward a more productive, equitable and sustainable ecological future.

Biology education research --- This track focuses on carrying out education research that identifies ways to broadly improve undergraduate biology education.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 or 4 credit hours)
BIO 514 Statistical Models for Biology (4) or
BIO 620 Research Prospectus Writing (3)

Electives (68 or 69 credit hours)

Culminating Experience (12 credit hours)
BIO 799 Dissertation (12)

Additional Curriculum Information
An individual student program is developed in consultation with the student's advisor and committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. Students are expected to have completed the equivalent of core requirements for an undergraduate major in biology or a related discipline, typically evolution, genetics and other courses appropriate to the student's particular interests. Students who do not have an undergraduate-level competency in the sciences may be considered for conditional admission to the biology and society concentration.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to articulate an understanding of current literature on scientific developments and their relevance to society in scholarly writing.
Able to contribute to original biology and society research in scholarly writing.
Able to communicate biology and society research results in presentations.

Career opportunities

Graduates are prepared for academic careers at every level, from community colleges to research universities. Their skills and knowledge are also valuable for government careers in federal and state agencies responsible for management and conservation, and for careers in industry and nongovernmental organizations. Graduates often choose careers in higher education, research, administration, law, policy and science communication.

Career examples include:

lawyer
medical writer or editor
professor or instructor at a university or college
researcher analyzing health care, environmental or educational systems in an academic, government, nonprofit, private or industrial organization
science communicator in an academic, private or industrial organization
science policymaker or administrator
science or social studies teacher in an elementary or high school

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/biology-biology-and-society-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Biology (Complex Adaptive Systems Science), PHD (LABIOCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Doctor of Philosophy program in biology with a concentration in complex adaptive systems science trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences.

The program is tightly integrated with diverse, ongoing university-wide research at Arizona State University on complex adaptive system science. It emphasizes the value of a complex adaptive perspective to give students better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study, and candidates typically have a member of the complex adaptive systems science graduate faculty as a member of the doctoral supervisory committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

Only students admitted to participating doctoral programs may apply for a complex adaptive systems concentration. A letter of application from the student must be sent to the chair of the complex adaptive systems science graduate faculty. The application is reviewed by members of the graduate faculty who make final admission recommendations to the Graduate College.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

A doctorate in biology with a concentration in complex adaptive systems science displays strong preparation for academic careers at every level, from community colleges to research universities. The skills and knowledge graduates obtained in this program are also valuable in government careers with federal and state agencies responsible for wildlife management and conservation and for careers in industry and nongovernmental organizations.

Career examples include:

food, agriculture and health care scientists in academic, private and industrial labs
principal investigators in government labs and nonprofit organizations
professors or instructors in universities and colleges
science teachers in elementary and high schools
wildlife, animal and conservation scientists

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degrees/graduate
sols.grad@asu.edu
480-965-1768

Biology, MS (LABIOMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Science program in biology is a flexible degree program based around a student's individual interests, enabling them to explore areas of biology that thrive outside of traditional boundaries. This degree complements other, more specialized life sciences programs, allowing both interdisciplinary and traditional approaches.

This program currently admits students to a thesis-based pathway, an applied project pathway, or a coursework and capstone option. Students in the thesis pathway receive hands-on training and craft an individualized plan of study focused specifically on their own research interests. They work closely with an advisor from ASU's faculty of top-tier scientists and conduct research at the forefront of their field. Students develop foundational research skills in the course of designing and completing their own research project.

In the coursework and capstone pathway, students build an individualized curriculum from a wide variety of courses taught by global experts. In their final semester, they delve more deeply into their own area of interest by completing a capstone project. This option is ideal for students who do not need intensive research training but want to deepen and expand their biological knowledge and skills. With permission of the program director, students may complete an applied project instead of a capstone. The coursework and capstone pathway is also available in an online format.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Sciences (Biomedical Sciences), BS

Biological Sciences (Biology and Society), BS

Molecular Biosciences and Biotechnology, BS

Biological Sciences (Conservation Biology and Ecology), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Microbiology (Medical Microbiology), BS

Microbiology, BS

Biological Sciences, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (BIO 593), or
30 credit hours including the required capstone course (BIO 597)

Required Core (1 credit hour)
BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1) or
BIO 611 Current Topics in Responsible Conduct of Research (RCR) in the Life Sciences (1)

Other Requirements (2 credit hours)
BIO 541 SOLS Seminar Series (1)
BIO 542 SOLS Current Topics in the Life Sciences (1)

Electives (21 or 24 credit hours)

Culminating Experience (3 or 6 credit hours)
BIO 593 Applied Project (3)
BIO 597 Capstone (3)
BIO 599 Thesis (6)

Additional Curriculum Information

Students choose one of three culminating experience options listed above. The number of credit hours required for the electives depends on the culminating experience chosen; all students must complete 30 credit hours to complete this program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in biology or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

It is desired that applicants have research experience.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/biology-ms/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Qble to review the literature relevant to a research topic in their chosen area of biology.
Able to execute a research plan of their own design that addresses a significant scientific question about their chosen area of biology.
Able to communicate the rationale and results of their research, both orally and in writing.

Career opportunities

Graduates are prepared for life sciences careers in educational, medical, industrial and governmental institutions.

The thesis pathway is ideal for those pursuing research-intensive careers in academic or business settings. The coursework and capstone option is for those seeking careers in which deeper biological knowledge is valuable, such as secondary school teachers reaching for higher certifications, biotechnicians who want to add conceptual depth or analytical abilities to their laboratory skills, and writers who want to expand their scientific expertise.

Career examples include:

food, agriculture and health care scientist in an academic, private or industrial lab
instructor at a community college
researcher or technician in a government lab or at a nonprofit organization
science teacher at an elementary or high school
science writer
wildlife, animal or conservation scientist

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/biology-ms
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Biology, PHD (LABIOPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in biology is intended to accommodate the diverse interests and academic requirements of contemporary students, which may encompass laboratory, field or theoretical work in a variety of biological disciplines. This program is flexible and customizable. Flexibility in the program is achieved by requiring students to complete one core course, offering a choice between two topics that represent the broad spectrum of research directions available within the program. The program provides a diverse selection of elective courses, which enable students to customize their academic pursuits.

The program's primary objective is to cultivate an adaptable academic foundation that promotes interdisciplinary research. By deeply engaging with core and specialized scientific areas, students are prepared to lead and innovate in their respective fields. This approach ensures that graduates not only are experts in their respective research fields but also possess the breadth of knowledge necessary to confront complex biological challenges.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 or 4 credit hours)
BIO 514 Statistical Models for Biology (4) or
BIO 620 Research Prospectus Writing (3)

Electives (67 or 68 credit hours)

Other Requirement (1 credit hour)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)

Culminating Experience (12 credit hours)
BIO 799 Dissertation (12)

Additional Curriculum Information
The program is tailored to the needs of the individual student. The plan of study is developed by the student and a supervisory committee consisting of a major professor and three additional faculty members. The electives credit hours comprise coursework showing breadth in biology subdisciplines, seminars and research.

An oral comprehensive examination is required to advance to candidacy, and a formal defense of the final written dissertation is required before graduation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in biology or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Research experience is desired for entry into this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to review scholarly literature as they develop specialized expertise in their selected research area.
Able to perform research that they have designed to address important and challenging questions in the field of biology.
Able to communicate the findings and originality of their research, both orally and in writing.

Career opportunities

Earning a PhD in biology opens an array of vibrant career opportunities across academia and government, industry and nonprofit sectors. Graduates excel in roles such as teaching at educational institutions of all levels or spearheading research in next-generation laboratories. They are sought-after for their expertise by government agencies overseeing environmental preservation and private firms innovating in biotechnology, health care and sustainable agriculture.

Career examples include:

principal investigator in a government laboratory or nonprofit organization
professor or instructor at a university or college
researcher in an academic, private or industrial laboratory related to health care, food or agriculture
science teacher in an elementary or high school
wildlife, animal, environmental, conservation or forensic scientist

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/biology-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Chemistry, MS (LACHEMMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Master of Science program in chemistry in the School of Molecular Sciences, students are trained in the foundation disciplines of analytical, organic, physical, inorganic and environmental chemistry and geochemistry. Most also choose to learn by joining transdisciplinary research teams that work on larger, mission-based contemporary problems in areas such as:

• energy and sustainability
• frontiers of chemical measurement
• fundamental molecular science
• geologic and biospheric science
• materials and nanoscience
• medicine and health
• structure function and dynamics

Students in this master's degree program receive the training they need to solve molecular scale problems and to contribute to research that can address challenging societal issues.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (CHM 597)

Required Core (4 credit hours)
BCH 501 Current Topics in Biochemistry or CHM 501 Current Topics in Chemistry (4)

Electives (12 or 18 credit hours)

Other Requirements (5 or 8 credit hours)
CHM 501 Current Topics in Chemistry or BCH 501 Current Topics in Biochemistry (2)
CHM 591 Seminar (3)
CHM 592 Research (8)

Culminating Experience (3 or 6 credit hours)
CHM 597 Capstone (3)
CHM 599 Thesis (6)

Additional Curriculum Information
Students choose one of the culminating experience options listed above. The credit hours required for the electives and other requirements depend on the culminating experience chosen; all students must complete 30 credit hours for this degree program. Students who choose the thesis option complete 12 credit hours of electives as well as CHM 592 for eight credit hours. Students who choose the capstone option complete 18 credit hours of electives and two additional credit hours of CHM 501 or BCH 501 and three credit hours of CHM 591.

The program consists of coursework, seminars and a research component (extensiveness depends on the culminating experience).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with the knowledge achieved in pursuit of a graduate degree in chemistry have opportunities in five general areas: industry (research and development, quality control), academia (high school and higher education), government (research, policy), nonprofit (policy, public education) and entrepreneurship (consulting, startups). In addition to specialized technical skills, graduates have many high-demand skills, such as critical thinking, teamwork and collaboration, and time management.

Some career examples include:

chemical technician
chemistry lecturer
environmental science specialist
government scientist
high school teacher
materials scientist
military scientist
science consultant

The American Chemical Society provides helpful resources and a comprehensive list of possible careers at https://www.acs.org/careers/chemical-sciences.html.

Contact information

School of Molecular Sciences | PSD 104
https://sms.asu.edu/Graduate-Study/MS
smsgrad@asu.edu
480-965-4664

Chemistry, PHD (LACHEMPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in chemistry in the School of Molecular Sciences provides students with the training they need to solve molecular-scale problems and to be successful independent scientists who can contribute to addressing challenging societal issues.

Students are trained in the foundation disciplines of analytical, organic, physical, inorganic, environmental or geological chemistry, and most also choose to join transdisciplinary research teams that work on larger, mission-based

contemporary problems in areas such as:

• energy and sustainability
• frontiers of chemical measurement
• fundamental molecular science
• geologic and biospheric science
• materials and nanoscience
• medicine and health
• structure function and dynamics

Students should visit the prospective student webpage (https://sms.asu.edu/Graduate-Study/Chemistry-PhD) to learn more about this doctoral program and the advanced transdisciplinary research being conducted in the school.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

six graduate-level courses (12-18 credit hours)
enrollment in a BCH 501 or CHM 501 seminar (8 credit hours)
CHM 792 Research (46-52 credit hours)
CHM 799 Dissertation (12 credit hours)

Additional Curriculum Information
The program consists of coursework and seminars selected by the student in consultation with their supervisory committee and based on the student's area of research.

Qualifying exams that consist of a written comprehensive exam, an oral comprehensive exam and a prospectus are required to advance to candidacy. Students must successfully defend their dissertation during a public final oral defense.

Students must also maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or higher.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's

degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

In addition to the admission application, applicants must complete an online supplemental application to the School of Molecular Sciences. The supplemental application is available 24 to 48 hours after submission of the admission application. The personal statement and contact information for the letters of recommendation are submitted as part of the supplemental application. Information about the supplemental application can be found on the School of Molecular Sciences website. Applications that do not have a supplemental application are not reviewed.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with knowledge achieved in pursuit of a graduate degree in chemistry have opportunities in five general areas: industry (research and development, quality control), academia (high school and higher education), government (research, policy), nonprofits (policy, public education), and entrepreneurship (consulting, startups). In addition to specialized technical skills, graduates have high-demand, vital skills in critical thinking, teamwork and collaboration, time management and many others.

Career examples include:

environmental science specialist
government scientist
materials scientist
military scientist
research and development scientist
research group leader
science consultant
university professor

The American Chemical Society provides helpful resources and a comprehensive list of possible careers at https://www.acs.org/careers/chemical-sciences.html.

Contact information

School of Molecular Sciences | PSD 104
https://sms.asu.edu/Graduate-Study/Chemistry-PhD
smsgrad@asu.edu
480-965-4664

Classical Liberal Education and Civic Leadership, MA (LACLEDLMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program's name has changed effective Fall 2025. The previous name was Classical Liberal Education and Leadership.

Program description

The Master of Arts program in classical liberal education and civic leadership is an interdisciplinary course of study that fosters student engagement through the Socratic method of classroom dialogue. Students in this program join a community of students and faculty oriented to the holistic pursuit of knowledge. They can focus on a particular field of study, which helps them become more competitive in their area of employment.

The curriculum spans disciplines and topics, including classical antiquity and American civics. It combines theory with practice, and ideas with application. Students inquire into the meaning of the good life and the practical challenge of leading others, including nations, societies and individuals. Students grapple with the perennial questions of the human experience: What is the best form of government? The most just economy? The proper relationship between the self and the state?

From Plato and Locke to Jefferson and Lincoln, the great thinkers of the past guide students through the age-old debates about how individuals and societies flourish or flounder. As Aristotle taught, there is no substitute for doing the right thing in the right way. This is true in how children are educated, coexistence with neighbors, and governance of nations. The classical liberal education and civic leadership program aims to prepare the next generation's teachers, scholars and statesmen to meet the challenges ahead with integrity, prudence and imagination.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civic and Economic Thought and Leadership, BS

Civic and Economic Thought and Leadership, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including a thesis, or
30 credit hours including the required applied project course (CEL 593)

Required Core (9 credit hours)
CEL 501 Literary Leaders (3)
CEL 503 Classic Texts in Political Philosophy and Justice (3)
CEL 513 Classic Texts in Leadership and Statesmanship (3)

Restricted Elective (3 credit hours)
LAT 421 Roman Literature (3)
SLC 598 Topic: Greco-Roman Ideas of Leadership and Politics (3)
SLC 598 Topic: The Classical Tradition: Greco-Roman Antiquity Now (3)
SLC 598 Topic: Tragedy and Comedy in the Greek Polis (3)

Open Electives or Research (12 or 15 credit hours)

Culminating Experience (3 or 6 credit hours)

CEL 593 Applied Project (3)
CEL 599 Thesis (6)

Additional Curriculum Information
For the restricted elective, students select one course from the list of options. Students should see the School of Civic and Economic Thought and Leadership for the most current list. Other courses may be substituted with approval of the academic unit.

Open electives and research are selected in consultation with the academic advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in liberal arts, political science, history, philosophy, theology, the natural sciences or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation from people in education or leadership positions
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of this program draw from the wisdom of the past to confront the challenges of the future. They have specialized knowledge to advance in a chosen field. As the workforce evolves, a graduate degree shows that employees are dedicated to enhancing their industry expertise and credibility.

A master's degree can open many career doors, including certain career fields, advancement opportunities and higher salaries in the following areas:

civic leadership and engagement
education, at all levels
government
nonprofit work
politics

Contact information

School of Civic & Economic Thought and Leadership | COOR 6611
https://scetl.asu.edu/
scetlgraduate@asu.edu
480-965-0155

Communication, MA (LACOMMOMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Master of Arts program in communication provides advanced training in communication skills and competencies for working professionals, preparing them for career advancement and a shifting job market.

The flexible nature of this online program benefits those with busy schedules. The faculty members at ASU's Hugh Downs School of Human Communication are highly experienced in developing and delivering quality online coursework that prepares students for success in their careers.

Students gain necessary skills required in today's workplace, including conflict transformation, cross-cultural communication, negotiation, persuasion and crisis management.

The program concludes with a capstone course in which students work with an organization and create a training and development project to solve a communication problem within the organization. The final project can be implemented by the organization or shown to future potential employers.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Business (Communication), BA

Communication, BA

Communication, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (COM 550)

Required Core (12 credit hours)
COM 501 Research Methods in Communication (3)
COM 504 Theories and Models in Communication (3)
COM 530 Training and Development (3)
COM 540 Conducting Communication Research (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
COM 550 Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in communication or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• letter of interest
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants should include a resume and letter of interest. The letter should be two to three pages, and should outline work, educational background and volunteer experience, as well as discuss why the applicant is interested in this degree, field and program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/communication-ma/) for program descriptions and to request more information.

Career opportunities

This program is designed for individuals looking to change career trajectories or get ahead in their current professions. Graduates with a master's degree in communication can expect to find work in:

fundraising
government
health care
human resources
management
marketing
nonprofits

public relations
sales
teaching

Contact information

Hugh Downs School of Human Communication | STAUF A412
https://humancommunication.asu.edu/
MACOMAPP@asu.edu
480-965-5095

Communication, PHD (LACOMMOPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Hugh Downs School of Human Communication offers a transdisciplinary graduate program leading to the Doctor of Philosophy in communication.

This program provides coursework and resources in critical-cultural communication, health communication, intercultural communication, interpersonal communication, organizational communication, performance studies and rhetoric. Students customize their training around core courses in communication theory and research methodology, plus multiple areas of emphasis. Most actively participate in one or more of the school's collaborative research initiatives.

The PhD program in communication is designed to meet the needs of students whose interests transcend traditional disciplinary boundaries and to prepare scholars for research-oriented careers in universities as well as the public or private sectors.

STEM-OPT extension eligible: No

Degree requirements

96 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
COM 604 Theory Construction in Communication (3)
Choose one:
COM 607 Contemporary Rhetorical Methods (3)
COM 608 Multivariate Statistical Analysis of Data in Communication (3)
COM 609 Advanced Qualitative Research Methods in Communication (3)

Electives (48 credit hours)

Other Requirements (24 credit hours)
COM 691 Seminar (24)

Research (6 credit hours)
COM 792 Research (6)

Culminating Experience (12 credit hours)
COM 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree; 66 credit hours are required beyond an appropriate master's degree.

At least six elective credit hours must be coursework outside of the communication field. At least three elective credit hours must be coursework in methods training.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• statement of goals
• three letters of recommendation
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Most commonly, students enter with a research-based Master of Arts in which they have completed a master's thesis.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

A doctoral degree in communication opens doors to a variety of careers in research, teaching, training and consulting. Graduates typically obtain jobs in research and teaching institutions that range from large research universities to four-year teaching schools and community colleges. A number of career opportunities appear in government agencies and organizations, both for-profit and nonprofit.

Graduates have obtained jobs as:

- academic administrators
- academic advisors
- campaign managers
- consultants
- policy advocates

professors
program directors
researchers

Contact information

Hugh Downs School of Human Communication | STAUF A412
https://humancommunication.asu.edu/phd
PHDCOMAPP@asu.edu
602-543-5619
Admission deadlines (https://humancommunication.asu.edu/graduate-admission)

Comparative Culture and Language, PHD (LAILCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in comparative culture and language offers professional training that is linguistically well-grounded, historically and culturally informed, and methodologically transdisciplinary through courses and supervision of research. Central to the program is the critical inquiry of primary texts, media and cultural expressions, aiming at an original understanding of cultures and social groups in their formations, interactions and transformations throughout history.

This program is attentive to the various roles of language in societies and in the different perspectives through which language can be studied --- among other aspects, its variations, transformations, hybridizations and processes of acquisition. The doctorate in comparative culture and language focuses particularly on research questions and themes that cannot be fully explored within the traditional disciplinary boundaries; instead, it fosters dynamic collaboration across disciplines to engage in the production of knowledge that is crucial to understanding transnational and transcultural interactions across time and space.

The program offers the opportunity to pursue, with the guidance of faculty who are comparatists and specialists in particular fields, transdisciplinary research and teaching. In consultation with their advisor, students do their coursework in a primary and a secondary area of emphasis. Both areas are organized around interdisciplinary study and research in more than one language; students are expected to have advanced proficiency in one language other than English (this is the language of primary emphasis) and at least reading knowledge in a second language other than English (language of secondary emphasis).

For example, a student might choose to study medieval European theater for the primary area of emphasis and medieval book culture for the secondary area. For the primary area of emphasis, the student could demonstrate advanced proficiency in one European language, such as French or Italian, depending on the requirements of their research. For the second language other than English, the student would have at least reading knowledge of, say, Latin. Another example: The student chooses to study the representation of the migrant experience in contemporary East Asian cultures as the primary area of emphasis, and film and media studies as the secondary area. Their primary area of emphasis would require advanced proficiency in a certain East Asian language, such as Chinese, Japanese or Korean, and the secondary area reading knowledge of one more non-English language pertinent to their comparative research.

Faculty members are drawn from the School of International Letters and Cultures and other programs in the humanities and social sciences across Arizona State University.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, two foreign language exams, a prospectus and a dissertation

Required Core (3 credit hours)
SLC 602 Comparative Cultural Theory (3)

Restricted Electives (36 credit hours)
primary field of study (18)
secondary field of study (18)

Electives and Research (33 credit hours)

Culminating Experience (12 credit hours)
SLC 799 Dissertation (12)

Additional Curriculum Information
Students do coursework in a primary and a secondary area of emphasis. Both areas are organized around interdisciplinary study and research in more than one language; students are expected to have advanced proficiency in one language other than English (this is the language of primary emphasis) and at least reading knowledge in a second language other than English (language of secondary emphasis). Students complete 12 credit hours of foreign language coursework in the electives and research coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should describe the questions, issues or challenges the student plans to explore through the doctoral program in comparative culture and language and explain how previous studies, training or professional experiences have prepared the student for this research. It should include a proposed plan of study based on the current graduate-level offerings at ASU. In a brief statement, the student should indicate how those courses will be preparation for the dissertation, how the plan fits with the description and goals of this doctoral program, and why the

proposed program does not fit some other degree program.

Applicants must provide a 15- to 20-page writing sample in English; a writing sample in the primary language of interest may also be requested at the discretion of the admission committee. The writing sample should reflect the student's analytical and critical skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with this doctoral degree can confidently move into a variety of fields as an expert on concentration topics. Their skills are valued in the academic and international sectors for teaching positions; translation work; and work in government, diplomacy and international business.

Career examples include:

area, ethnic and cultural studies teacher or professor
education administrator
foreign language and literature teacher or professor
interpreter or translator
philosophy and religion teacher or professor
reporter or correspondent

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/comparative-culture-and-language-phd
silc@asu.edu
480-965-6281

Computational Life Sciences (Certificate), Certificate (LACMLSGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Students in the computational life sciences graduate certificate program develop expertise in the understanding, interpretation and analysis of diverse data types generated from a variety of life sciences disciplines, including ecology, botany, evolutionary biology, neuroscience, molecular and cellular biology, and animal behavior.

STEM-OPT extension eligible: No

Degree requirements

16 credit hours including a portfolio

Required Core (1 credit hour)
BIO 511 Big Data in Context (1) or

BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1) or
BIO 611 Current Topics in Responsible Conduct of Research (RCR) in Life Sciences (1)

Electives (15 credit hours)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information
Elective coursework is selected from a restricted list in consultation with the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in life sciences or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should discuss the applicant's future career goals to better assist the student with selecting the most applicable set of courses in computational life sciences.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/computational-life-science-graduate-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Summarize key computational concepts, such as algorithms and relational databases, and their applications in the life sciences, and apply statistical concepts used in computational life sciences.
Write simple computer scripts to find, retrieve, and organize various types of biological data, using command-line bioinformatics tools.
Interpret the ethical, legal, medical, and social implications of biological data.

Career opportunities

Professionals with expertise in computational life sciences are in high demand in biotech and biomedical industries. Skills in data science are critical for the analysis and interpretation of life sciences data. These skills are valuable to businesses and institutions relying on data-driven life sciences research including hospitals, biotechnology companies, and for-profit and nonprofit research institutions.

Career examples include:

bioinformatics scientist
computational lab technician
core facilities researcher
ecologist
educator
microbiologist
natural sciences manager
software developer

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/computational-life-sciences-certificate-cert
sols.grad@asu.edu
480-965-7490

Computational Life Sciences, MS (LACLSMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Science program in computational life sciences introduces students to a burgeoning new field. Huge leaps in processing technologies have thrown open the doors for new research techniques and exciting opportunities for interdisciplinary collaborations, focusing heavily on genomics data generation, analysis and interpretation.

Students are introduced to a suite of statistical tools and computational approaches that enable them to uncover correlations, glean new understanding and help solve scientific problems.

Students examine many different types of data generated from a wide range of fields, including ecology, botany, evolutionary biology, neuroscience, molecular and cellular biology, and animal behavior. Students have the opportunity to investigate topics such as DNA, RNA, protein, imaging, conservation and even historical data from long-term ecological research sites.

Finally, students explore the ethical implications of collecting, analyzing and sharing the results of computational life sciences data.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Sciences (Biomedical Sciences), BS

Biological Sciences (Biology and Society), BS

Biochemistry (Medicinal Chemistry), BS

Molecular Biosciences and Biotechnology, BS

Biological Sciences (Conservation Biology and Ecology), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Microbiology (Medical Microbiology), BS

Biochemistry, BS

Microbiology, BS

Biological Sciences, BS

Data Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (BIO 593), or
30 credit hours including the required capstone course (BIO 597)

Required Core (1 credit hour)
BIO 511 Big Data in Context (1) or
BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1)

Restricted Electives (18-20 credit hours)
Choose two computing in life sciences courses for six to seven credit hours:
BIO 539 Computing for Research (3)
BIO 591 Topic: Quantitative Methods in Conservation and Ecology (4)
BIO 598 Topic: Medical Genetics and Genomics (3)
BIO 598 Topic: Transcriptomics (3)

Choose two statistics and mathematics courses for six to seven credit hours:
BIO 514 Statistical Models for Biology (4)
BIO 579 Data Analysis and Visualization in R (3)
BIO 598 Topic: High-Throughput Genomics Analysis and Visualization (3)

BIO 598 Topic: General Linear Models for Biology (3)

Choose two biology courses for six credit hours:
BIO 543 Molecular Genetics and Genomics (3)
BIO 544 Discovering Biodiversity (3)
EVO 601 Principles of Evolution (3)
MCB 540 Functional Genomics (3)

Electives or Research (6--8 credit hours)

Culminating Experience (3 credit hours)
BIO 593 Applied Project (3)
BIO 597 Capstone (3)

Additional Curriculum Information
For restricted electives, students complete two computing in life sciences courses, two statistics and mathematics courses, and two biology courses. Restricted elective and electives or research credit hours are variable.

Students pursuing the applied project or capstone course complete three to six credit hours of electives or research. Students should consult the academic unit for a list of approved electives and research course requirements.

Courses not selected for the restricted electives may be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology, statistics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/computational-life-sciences/) for program descriptions and to request more information.

Career opportunities

Career opportunities for graduates include:

- working at biotechnology companies
- working as a lab research technician in academia
- working for government or nonprofit labs doing computational life sciences analyses

The median annual pay for those who hold an MS degree in a computational research science is approximately three times the median annual wage for all workers.

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/computational-life-sciences-ms
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Computer-Assisted Language Learning (Certificate), Certificate (LACALLGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The graduate certificate in computer-assisted language learning focuses on the innovative use of technology in language teaching and research.

Through this program, students gain hands-on experience creating and evaluating digital learning materials, as well as the skills to enhance language acquisition using technology. Students gain practical skills and a deep understanding of the theoretical and pedagogical approaches to integrating technology into language curricula.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
APL/ENG/SLC 557 Computer-Assisted Language Learning (3)
APL 558/SLC 510 Computer-Assisted Language Learning Praxis (3)

Restricted Electives (3 credit hours)

Electives (6 credit hours)

Additional Curriculum Information
For restricted electives, students select a second language acquisition course with department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree with a major or minor in foreign language study, English or English education from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and who has not graduated from an institution of higher learning in the United States must provide proof of English proficiency regardless of their current residency. Applications are not processed without valid proof of English proficiency. Official scores must be sent to ASU for the application to be processed.

Applicants must submit a one- to two-page double-spaced, well-considered personal statement in which they explain how their experience and training have prepared them for the certificate program, and describe their aims and purpose in pursuing this certificate.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/computer-assisted-language-learning/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically evaluate current theoretical and pedagogical issues in the area of computer-assisted language learning.
Construct a testable theoretical or pedagogical hypothesis related to CALL.

Career opportunities

This certificate opens doors to a wide variety of careers in academic, business and international sectors. Graduates can apply their expertise in both teaching and technology-driven roles across various educational and professional environments, in hybrid or online classrooms. The skills gained are in high demand in teaching, research and beyond.

Career examples include:

distance learning coordinator
educational technology teacher or professor
foreign language or TESOL instructor
instructional coordinator
instructional designer or technologist
technology for language learning consultant
training and development specialist

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/computerassisted-language-learning-certificate-cert
enggrad@asu.edu
480-965-3168

Creative Writing, MFA (LACWRITMFA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Master of Fine Arts in creative writing, students gain foundational knowledge of literary craft, developing a deep capacity to read as writers read --- for pleasure and surprise, and also for strategy, technical dexterity, and how language works on the page. Students take two workshops in their primary genre (fiction or poetry) as well as one workshop in another genre. The department offers courses in creative nonfiction, translation and creative methods, designed each year in alignment with student curiosity, faculty interests and pressing questions in the field at large.

Mentorship at ASU includes artistic vision and practice, as well as framing career goals and planning for a writer's life --- potentially within, and often outside --- the academy. Three years of study allow students to grow as writers, immersing themselves in multiple genres and cross-genre innovations, collaborative artistic or community projects, and the deep engagement of their own work, often a book-length manuscript.

The program is unswervingly student-first. Incoming poets and fiction writers work with an outstanding faculty who have received major national and international recognition, including fellowships from the Guggenheim, Howard, Lannan, and MacArthur Foundations; the National Endowment for the Arts and United States Artists; the Freedom Scholar Award; National Book Critics Circle Award; National Magazine Award; OCM Bocas Prize for Caribbean Literature; and Whiting Writers Awards; multiple Pulitzer Prizes; medals of achievement from the National Society of Arts and Letters; two Chancellors of the Academy of American Poets; and the Walt Whitman Award from the Academy of American Poets.

In concert with the MFA program in creative writing, three additional ASU entities extend the programming, funding opportunities and training available to MFA students. The Virginia G. Piper Center for Creative Writing offers fellowships, support for professional development, and other teaching and leadership opportunities including a Community Outreach Graduate Assistantship. They also host an annual conference that brings major writers to campus each fall. The Center for Imagination in the Borderlands brings writers and other artists for intensive workshops, classes and public events throughout the year, and it offers research and pedagogy-based fellowships. The Worldbuilding Initiative brings major external writers together with ASU writers --- from the MFA program and elsewhere in the university --- for workshops and events. The creative writing program also hosts the Craft and Content

lecture series and the Stellar Alumni reading series featuring MFA graduates with recent books.

MFA poets and writers may also serve on the editorial board of an international literary journal, Hayden's Ferry Review, gain translation experience through the Thousand Languages Project, and intern with award-winning independent literary press Four Way Books.

STEM-OPT extension eligible: No

Degree requirements

48 credit hours including a written comprehensive exam and the required applied project course (ENG 593) - Fiction Track, or
48 credit hours including a written comprehensive exam and the required applied project course (ENG 593) - Poetry Track

Required Core (6 credit hours)
ENG 585 Artful Attention Writers as Readers (3)
ENG 665 Creative Methods (3)

Track Requirement (12 credit hours)
Fiction Track
ENG 563 Forms of Fiction (3)
ENG 564 Fiction Workshop (6)
ENG 565 Poetry Workshop (3) or ENG 566 Creative Nonfiction Workshop (3)

Poetry Track
ENG 562 Forms of Poetry (3)
ENG 564 Fiction Workshop (3) or ENG 566 Creative Nonfiction Workshop (3)
ENG 565 Poetry Workshop (6)

Additional Writing Courses (6 credit hours)
ENG 550 Translation (3)
ENG 598 Special Topics (3)
ENG 664 Mixed Genres (3)
ENG 667 Creative Writing and the Professions (3)
ENG 680 Practicum (3)

Reading and Conference for Project Development (6 credit hours)
ENG 590 Reading and Conference (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
ENG 593 Applied Project (3)

Additional Curriculum Information
Electives must consist of ASU courses at or above the 500-level from an approved list. The required six credit hours of ENG 590 Reading and Conference must be taken over two semesters (3 credit hours each semester). As part of their track requirements, students must taken one workshop in a genre other than their track focus. A written comprehensive exam and an applied project are required.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants should have an undergraduate major in English or creative writing; however, exceptional students who do not have either of these undergraduate majors may be admitted on the basis of writing excellence.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• creative manuscript
• statement of teaching philosophy
• academic writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency. Applications are not processed without valid proof of English proficiency. Official scores must be sent to ASU in order for the application to be processed.

The personal statement should include the applicant's writing background, intended area of specialization and a brief self-evaluation of recent work (double-spaced, up to three pages or 750 words). The creative manuscript should be up to 20 pages of poetry or up to 30 pages of prose (prose should be double-spaced). Students applying for a teaching assistantship must submit a statement of teaching philosophy and an academic writing sample.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create original fiction or poetry that incorporates theoretical and foundational literary knowledge.
Explicate their creative works articulately.
Analyze and critique the writing of other creative writers.

Career opportunities

A MFA in creative writing graduate is prepared primarily for the professional creation of new art, including fiction, poetry and other written forms. In addition to working as novelists, poets and short story writers, graduates go on to careers in education, arts administration, media and entertainment, and in political and community organizations. Career examples include:

book designer or publicity specialist

book or magazine editor
creative writing professor
curriculum designer
essayist or journalist
grant writer and developer
literary or events coordinator
nonprofit administrator
public relations and communications manager
screenwriter
secondary education teacher

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/creative-writing-mfa
enggrad@asu.edu
480-965-3168

Critical Theory (certificate), Certificate (LACRTGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, West Valley

Program description

The graduate certificate program in critical theory provides students advanced study in critical and contemporary theory. It promotes the skills required to use and interpret concepts from continental philosophy and theoretical trends from the last two centuries. The program also offers tools for creating a critical engagement with society and for producing new cultural texts and ideas.

Critical theory encompasses a broad range of disciplines, including the arts, humanities, social sciences, and technical and physical sciences. Students have access to a wide variety of courses that apply toward the certificate.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours and a portfolio

Required Core (3 credit hours)
ENG 502 Contemporary Critical Theories (3)

Electives (12 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and has not graduated from an institution of higher learning in the United States regardless of their current residency must provide proof of English proficiency. Applicants should note that official scores must be sent to ASU for the application to be processed.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The graduate certificate in critical theory is available to all ASU graduate students irrespective of their major, as well as to nondegree graduate students and working professionals provided they meet eligibility criteria. Sample majors include English; women and gender studies; art history; and arts, media and engineering. Eligible applicants must have taken two courses in critical theory or a related field at the upper-division undergraduate level (such as ENG 401 Topics in Critical Theory) or at the graduate level (such as ENG 502 Contemporary Critical Theories).

The statement of purpose should be approximately 300 to 600 words and address the following:

• the applicant's background in theory
• the areas of theory the applicant is interested in pursuing and which authors the applicant is reading and thinking about
• what concepts in critical theory interest the applicant most and why
• what the applicant hopes to accomplish by pursuing this certificate

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to recognize and apply the affordances and limitations in the applications of foundational concepts of critical theory.
Students will be able to apply the paradigms of critical theory to develop original research projects.
Students will be able to build on, qualify or challenge claims in critical theory.

Career opportunities

Writers and other content professionals are in demand today, not only in traditional print media, but also on digital platforms. Critical theory provides valuable skills in logical argument and conceptual analysis that are useful across the media spectrum, from scholarly writing to popular magazines and websites with social, cultural and political themes.

Students of critical theory also are increasingly involved in multimedia work and technologies, such as artificial intelligence, in both academic and commercial innovative institutional ventures, such as tech startups.

Career examples include:

analyst for cultural tech company
content provider for social media
freelance cultural critic (on- and offline)
grassroots activist
instructor in critical theory, cultural studies or media studies
political strategist or campaign worker
writer in marketing and advertising

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/critical-theory-certificate-cert
enggrad@asu.edu
480-965-3168

Digital Humanities (Certificate), Certificate (LACDHGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

In the graduate certificate program in digital humanities, students learn the methods and skills central to conducting humanities research that employs qualitative and quantitative approaches.

The program is designed to promote cross-disciplinary study in humanities and social and computational sciences, and is open to students in all disciplines. The program features training in transdisciplinary collaboration, project-based communication skills, critical theory and the simultaneous application of quantitative and qualitative problem-solving skills.

This certificate highlights an area of excellence within ASU that has emerged across its colleges, schools and departments and is integral to the effort of transforming the humanities at ASU into new transdisciplinary configurations.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required applied project course (CDH 593)

Required Core (3 credit hours)
CDH 501 Digital Humanities: Critical Theory and Methods (3)

Electives (6 credit hours)

Other Requirement (3 credit hours)
CDH 580 Practicum (3)

Culminating Experience (3 credit hours)
CDH 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Admission is open to all ASU graduate students enrolled in an existing master's or doctoral program and in good standing. Students who are interested in transdisciplinary work are particularly well suited for this certificate program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students are asked to outline a desired transdisciplinary area of inquiry. For example, a student who works on digital rhetoric and literacy may want to understand how to create and manage social media datasets or how to create a social media application. Alternatively, a student in the School of International Letters and Cultures may want to study digital archives of Slavic literature and may need to understand how digital archives are enmeshed in national and capitalist networks.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate ethical issues relevant to the collection and analysis of humanities data in course assignments.
Evaluate the fit of computational tools for performing quantitative analysis in a humanities research project.
Effectively communicate research findings through written report and digital media.

Career opportunities

Professionals with this certificate can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector, such as governmental, diplomatic and international business settings.

Career examples include:

computer and information research scientist
cultural designer
data scientist
digital curator

digital humanities instructor
humanities digital content editor
information architect
metadata analyst
social science research assistant

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/digital-humanities-certificate-cert
silc@asu.edu
480-965-6281

Disability Studies (Certificate), Certificate (LADISGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in disability studies focuses on the creation of new knowledge and consequent practical implications in the area of disability. Courses are coordinated into an individualized systematic plan of study that trains students to conduct disability research.

Students examine disability from diverse perspectives, including disability law and justice, cultural politics of disability, and family perspectives, and through the use of various research methods in disability studies. The program emphasizes examining and creating new theoretical perspectives and methodological approaches at different levels of analysis while analyzing topics of crucial importance locally and globally.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
JUS 530 Social Policy, Critical Advocacy and Disability (3) or
JUS 565 Critical and Comparative Issues in Disability (3)

Electives (12 credit hours)

Additional Curriculum Information
Students should see the academic unit for the preapproved list of elective coursework. Other coursework may be used with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in social sciences, education, social work, law, health care and health care policy, or any related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa must apply to and be accepted to a graduate degree program before they will be considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically examine and apply appropriate methodological approaches to the study of disability culture locally and globally.
Explain key theoretical perspectives contributing to the development of disability studies.

Career opportunities

A disability studies certificate can benefit individuals working within a variety of fields such as health care, human services, education, rehabilitation sciences and social work. Additionally, individuals with a disability certificate can work within a number of diverse settings, including:

advocacy associations
community and family support agencies
foster care agencies
gerontology institutes
hospitals
jails and prisons
nonprofit agencies
pre-K--12 schools
research centers and institutes
state and local disabilities agencies

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
sstgraduate@asu.edu
480-965-7682

East Asian Languages and Civilizations (Chinese), PHD (LAEALCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in East Asian languages and civilizations is a research-intensive, transdisciplinary, area-based degree in the study of traditional and modern languages and cultures of China. Students may focus on:

• comparative cultural studies
• cultural history
• linguistics
• literary criticism
• literary thought

In every case, students are expected to acquire a solid grounding in the classical and modern versions of Chinese.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, two foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
CHI 501 Proseminar: East Asian Humanities (3)

Concentration (6 credit hours)
CHI 514 Advanced Classical Chinese (6)

Other Requirements (39 credit hours)
CHI 502 Academic Writing (1)
CHI 598 Topic: Proseminar: Chinese Literary History (3)
CHI 598 Topic: History of the Chinese Language (3)
CHI 598 Special Topics (15)
CHI 691 Seminar (15)

Electives (24 credit hours)

Culminating Experience (12 credit hours)
CHI 799 Dissertation (12)

Additional Curriculum Information
CHI 502 is one credit hour and should be taken for a total of three credit hours. 15 credit hours of CHI 598 Special Topics must be comprised of five courses, and 15 credit hours of CHI 691 must be comprised of five seminar courses. Other requirements and elective coursework for the degree are to be chosen in consultation with the program chair.

Courses for the other requirements may be substituted with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants specializing in Chinese should have completed at least three years of modern Chinese and one year of classical Chinese.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• speech sample in Chinese or Japanese
• resume or curriculum vitae
• GRE scores
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

The writing sample, which should be no more than 15 pages, should represent the applicant's skills in thinking and writing, and it should be on a topic connected with Chinese, Japanese or East Asian culture.

The speech sample is required if the applicant is applying for teaching assistantship funding. The speech sample should be a recorded message approximately four minutes in length, in Chinese or Japanese, on a topic of the applicant's choosing. (Applicants are asked to not read the message. This is to help the committee evaluate the level of proficiency, and the message should realistically reflect the applicant's spoken Chinese or Japanese). Recordings should be emailed to SILC@asu.edu (mailto:SILC@asu.edu).

Applicants should see the department website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Conduct textual analysis in East Asian (modern and/or traditional) and Western languages to inform independent research.
Create an independent research project in East Asian humanities, using a broad range of knowledge gained through reading and evaluations of scholarly production of others.
Write dissertations that offer original contributions to the field of East Asian humanities.

Career opportunities

Professionals with this degree can confidently move into academic, business and international fields. The skills they possess are valued for teaching positions, translation work and career opportunities in larger sectors such as government, diplomacy and international business.

Career examples include:

historians
interpreters and translators
lawyers
reporters and correspondents
social and community service managers
teachers or professors of area, ethnic and cultural studies
teachers or professors of foreign language and literature

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/east-asian-languages-and-civilizations-chinese-phd
silc@asu.edu
480-965-6281

English (English Education), PHD (LAENEDPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in English with a concentration in English education prepares students to examine the writing and reading practices of secondary students. Students also learn about the instructional practices of secondary English language arts teachers through emphasis on the relationship between pedagogy and research methodologies used to study the teaching of secondary English. In addition, students learn to apply critical thinking to assumptions often held about secondary English language arts curriculum design and delivery of instruction, and to inequities in both, as well as inequities in literature offerings in curricula.

The curriculum comprises dynamic coursework, mentoring, interdisciplinary learning opportunities and community outreach.

Possible areas for research focus within this program include young adult literature, secondary reading and writing practices, new literacies, English language learning, critical literacy, and secondary English language arts curriculum and instruction development. The program encourages students to pursue coursework in other subdisciplines within the Department of English, such as rhetoric and composition, applied linguistics and literature, and coursework in the ASU Mary Lou Fulton Teachers College, such as literacy and educational research methodology.

Students benefit from the program's links to the Central Arizona Writing Project, which offers opportunities for related coursework, research, community outreach and teacher in-service programs.

The PhD program in English education prepares students to become professors of English education or to pursue other relevant opportunities in research and administration.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
ENG 501 Approaches to Research (3)

Concentration (12 credit hours)
ENG 506 Methods and Issues in Teaching Language (3)
ENG 507 Methods and Issues in Teaching Composition (3)
ENG 540 Teaching Young Adult Literature (3)
ENG 541 Teaching Texts in Secondary Classrooms
ENG 594 Topic: Central Arizona Writing Project Summer Institute (3)
ENG 606 Advanced Studies in English Education (3)

Other Requirements (9 credit hours)
ENG 525 Teaching Second Language Writing (3)
ENG 556 Theories in Literacy (3)
ENG 594 Topic: Teaching First-year Composition (3)
ENG 598 Special Topics (3)
ENG 606 Advanced Studies in English Education (3)
ENG 655 Disciplinary Discourses (3)

Internships (6 credit hours)
ENG 784 Internship (6)

Electives and Research (42 credit hours)

Culminating Experience (12 credit hours)
ENG 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. Students who do not hold a master's degree must take additional elective and research credit hours to reach the 84 credit hours required for this program.

Students should contact their advisor for a list of approved ENG 598 topic options for the Other Requirements section.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree from a regionally accredited institution. Applicants with master's degrees in English education and related fields, such as English literature, applied linguistics, education, and rhetoric and composition are considered. A minimum of three years of full-time teaching or volunteer work in secondary English language arts classrooms or in literate-rich settings is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• academic writing sample
• statement of teaching philosophy (teaching assistantship only)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency regardless of their current residency. Applications are not processed without valid proof of English proficiency; official scores must be sent to ASU in order for the application to be processed.

The one- to two-page statement should explain the applicant's interest in the program and how the applicant's background and preparation led to the specific career and research goals. Although applicants are not expected to have a definite research topic, the statement should articulate the specific domain or research area the applicant hopes to pursue and possible research questions. Letters of recommendation should be from individuals familiar with the applicant's promise in English education, including one letter from a school principal and two letters from university professors. Applicants applying for funding must also submit a statement of teaching philosophy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Produce written article-length work of publishable quality.
Successfully design and conduct original research in the field of English education.
Write a comprehensive, book-length research study with theory, literature review, methods, analysis and findings based on their own research.

Career opportunities

Careers for English education graduates include professions related to the field of language arts and literacy education in secondary schools.

Additionally, this degree is highly respected and sometimes required for positions in state and federal departments of education and with federal education bureaus (i.e., U.S. Bureau of Indian Education) or professional organizations, such as the National Council of Teachers of English, or the International Literacy Association. Graduates may work as federal or state curriculum specialists and analysts, or as education program designers or interpretive rangers for state parks.

They may also become publishing industry content specialists or acquisitions editors for educational texts working at Scholastic, Pearson or Routledge, or specialize in trade books in young adult and children publishing.

Additional career examples include:

corporate communications director and professional development director
curriculum developer
department chair
district level research specialist
dual enrollment teacher
faculty member at a college or university

instructional leader
literacy coach
middle or high school English teacher

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/english-english-education-phd
enggrad@asu.edu
480-965-3168

English (Literature), PHD (LAENLITPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in English with a concentration in literature trains students in various methodologies, pedagogies and areas of inquiry that constitute literary and cultural studies. With a diverse and distinguished faculty, the program offers opportunities for specialization in literary criticism, cultural analysis, theory and various fields of interdisciplinary study. Students graduate with a range of highly sought-after skills and competencies: research and analysis of complex material, communication in written and oral modes, collaboration, independence and self-motivation, creativity and adaptability.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
ENG 501 Approaches to Research (3)

Concentration (12 credit hours)
ENG 588 Writing for Publication (3)
ENG 601 Job Market Workshop: Designing Your Future (3)
ENG 605 Advanced Contemporary Approaches to Literary and Cultural Studies (3)
ENG 790 Reading and Conference (3)

Pedagogies and Practices (3 credit hours)
ENG 555 Literary and Cultural Pedagogies (3)
ENG 580 Practicum (3)
ENG 604 Interdisciplinary Cultural Studies (3)
ENG 784 Internship (3)

Language and Linguistics (3 credit hours)
ENG 530 Old English (3)
ENG 532 Middle English Dialects (3)
ENG 550 Translation (3)
LIN 517 History of the English Language (3)
a 400-level course in an approved language (3)
an approved 500-level LIN course (3)
an approved graduate-level SILC course (3)

Restricted Electives (12 credit hours)

Electives and Research (39 credit hours)

Culminating Experience (12 credit hours)
ENG 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. Students who do not hold a master's degree are required to take additional elective and research credit hours to reach the 84 credit hours required for this program.

The restricted electives include four courses which students can choose from an approved list of literary and cultural studies. Theses courses may be substituted with advisor approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• academic writing sample relevant to the field
• statement of teaching philosophy (teaching assistantship only)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency, regardless of current residency. Applicants can find more information about English proficiency requirements on the school website (https://english.asu.edu/admission/graduate-admission/information-international-students). Please note that official scores must be sent to ASU in order for the application to be processed.

The well-considered, one- to two-page, single-spaced statement of purpose should explain the applicant's scholarly background and training, career goals, proposed research specialization, any secondary field of interest and why the applicant wishes to pursue a PhD in English with a concentration in literature at Arizona State University. Applicants applying for funding must also submit a statement of teaching philosophy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate research skills necessary to bring a project of literary or cultural analysis to fruition, including the ability to evaluate disciplinary debates and developments; and the ability to produce research on historical and cultural meanings of texts and related cultural productions.
Demonstrate the ability to produce written work of publishable quality.
Identify and evaluate various disciplinary arguments, trends, traditions and debates within the knowledge community of literary and cultural studies scholars.

Career opportunities

Graduates are prepared for careers in higher education and other fields that value this expertise. Sectors employing high numbers of arts and humanities graduates include information and communication, financial and insurance, public administration and defense, arts and entertainment, and education.

Career examples include:

archivist
art director
copywriter
criminal investigator or special agent
editor
educator
intelligence analyst
librarian
market research analyst
museum curator, educator or exhibit designer
political analyst
public relations specialist or manager
technical writer

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/english-literature-phd
enggrad@asu.edu
480-965-3168

English (Writing, Rhetorics, and Literacies), PHD (LAENRHTPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in English with a concentration in writing, rhetorics and literacies promotes the study of rhetorical strategies, production, distribution and interpretation of oral, written, digital, visual, discursive, material and symbolic texts.

Students study the history, theories and methods of inquiry as well as pragmatic and social actions of writing, rhetoric and literacies. With theories and methods from both historical and contemporary contexts, students learn strategies

for inquiry; the ways in which communication creates knowledge and action; and how communication is constructed, circulated, reacted to and repurposed over time and across space. Program requirements are designed to encourage a full understanding of theoretical and applied aspects of writing studies, rhetorical studies and literacy studies. Students also are provided many opportunities to explore the intersections and tensions that exist within and between the three different areas of inquiry.

The program encourages transdisciplinary study, and its flexible requirements enable students to pursue those aspects of the disciplines that interest them the most.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
ENG 501 Approaches to Research (3)

Concentration (9 credit hours)
ENG 551 Rhetorical Traditions (3)
ENG 552 Composition Studies (3)
ENG 556 Theories of Literacy (3)

Focus Area (9 credit hours)

Electives or Research (48 credit hours)

Other Requirements (3 credit hours)
ENG 588 Writing for Publication (3)

Culminating Experience (12 credit hours)
ENG 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. Students who do not hold a master's degree are required to take additional elective and research credit hours to reach the 84 credit hours required for this program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants with bachelor's or master's degrees in fields such as anthropology, applied linguistics, cognitive science, communication, comparative languages and literatures, English literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology, religion, rhetoric, composition, sociology, and speech and hearing science are considered.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's

degree program, or a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• academic writing sample relevant to the field
• statement of teaching philosophy (teaching assistantship only)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency regardless of their current residency. Applications are not processed without valid proof of English proficiency; official scores must be sent to ASU in order for the application to be processed.

The well-considered, one- to two-page statement of purpose should explain the applicant's scholarly background and training, career goals, proposed research specialization, any secondary field of interest, and why the applicant wishes to pursue a PhD in English with a concentration in writing, rhetorics and literacies at Arizona State University. Applicants applying for funding must also submit a statement of teaching philosophy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate competing knowledge claims within rhetorical studies and draw relevant interdisciplinary connections between those claims and one's own research topics.
Evaluate and draw from relevant disciplinary histories, theories and methods to support rhetorical inquiry into their research topics.
Design and carry out an original research study that produces data, findings and applied strategies for publication in professional, scholarly venues.

Career opportunities

Professionals with expertise in written communication, research and knowledge management are in high demand across sectors and industries, including business, media, law, entertainment, politics, nonprofits and community organizations. Skills in the measurement and analysis of data for the development of multimodal content (digital, print, oral, visual) are valuable to businesses, organizations and institutions relying on data-driven strategies to address and communicate complex, knowledge-rich issues to broad professional audiences.

Graduates are prepared for work as teachers, scholars and communications professionals. Career examples include:

editor and content manager
English or communications professor
human resources specialist
market research analyst
public relations specialist
publishing copy editor or proofreader
social media manager

technical writer

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/english-writing-rhetorics-and-literacies-phd
enggrad@asu.edu
480-965-3168

English Education, MA (LAENEDMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Arts program in English education is a one-year, intensive program designed to prepare practicing and transitioning teachers for careers as exemplary educators, teacher-researchers and leaders in English language arts instruction.

Students in the program develop a deep understanding of the English language arts by learning how to access, analyze and apply research and best practices for teaching secondary students (grades 7--12). This program balances the refining of disciplinary knowledge with pedagogical application of that knowledge in classrooms. Students take a variety of dynamic, contemporary methods courses, including advanced methods courses in research in English education, methods of teaching writing and text, teaching critical approaches to analysis of young adult literature, and teaching writing in an era of standardization.

This innovative course of study culminates with an inquiry project related to English language arts instruction in secondary classrooms. The program empowers students to employ teacher research and inquiry to address questions they have about their own students' learning and their own teaching practice.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English (Secondary Education), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (ENG 593)

Required Core (12 credit hours)
ENG 501 Approaches to Research (3)
ENG 506 Methods and Issues in Teaching Language (3)
ENG 507 Methods and Issues in Teaching Composition (3)
ENG 606 Advanced Studies in English Education (3)

Electives or Research (12 credit hours)

Other Requirements (3 credit hours)

ENG 594 Conference and Workshop (3)

Culminating Experience (3 credit hours)
ENG 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in English, creative writing, English education, secondary education or secondary curriculum and instruction, or a master's degree in education or a closely related field from a regionally accredited institution. Current certification in secondary English language arts (grades 6--12) or equivalent certification, or a minimum of two years teaching English language arts in a school setting is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency regardless of their current residency. Applications are not processed without valid proof of English proficiency; official scores must be sent to ASU.

Applicants must submit a well-considered, one- to two-page statement of purpose in which they explain how their experience and training have prepared them for the English education program, their goals in pursuing the MA in English education, and plans for the future.

Two letters of recommendation are required; a third is optional. The letters should provide a clear picture of the applicant's potential for successfully completing a master's degree, so at least one of the letters should be from a university professor who is familiar with the applicant's academic work and with master's-level academic programs.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Students will demonstrate the ability to recognize various qualitative and quantitative research methods as appropriate and effective means for pursuing specific lines of classroom-based teacher inquiry and explain the

pros and cons of a given methodological approach in terms of their classroom research.
Students will be able to locate, analyze and synthesize qualitative or quantitative teacher research studies specific to important issues in their own English language arts classrooms or schools.
Students will demonstrate the use of appropriate, effective qualitative or quantitative research methods as they design and implement studies for the purpose of improving curriculum and instruction in their own school districts and sharing their findings in a public forum.
Students will be able to identify important educational issues they face in teaching English language arts, survey a variety of resources (i.e., research literature, expert opinion and educational policy), and synthesize their learning into plans for best practice.
Students will be able to interrogate their own pedagogical practices (i.e., curriculum and instruction, differentiation, English language learners, cultural responsiveness, assessment, digital and new literacies) in the teaching of English language arts (reading, writing, speaking, listening, use of language, technology) and make appropriate adaptations to best meet all students' needs.

Career opportunities

Careers for English education graduates include professions related to the field of secondary language arts and literacy education in secondary schools.

Career examples include:

dual enrollment teacher
education and leadership researcher
faculty member at a college or university
industry content specialist
instructional leader
literacy coach
middle or high school English teacher

Outside of academia, graduates may become nonprofit public relations managers, event managers and associate directors. They may work for state and federal education departments as content specialists, curriculum developers or professional development providers.

Students who complete the MA program in English education may have the appropriate degree to be qualified to teach dual-credit English education courses.

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/english-education-ma
enggrad@asu.edu
480-965-3168

English, MA (LAENGLMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Arts program in English allows for a variety of studies within four distinct tracks, and opportunities for internships and professional development:

Comparative literature --- Students interpret cultural productions in English and at least one other language, using approaches such as textual criticism, critical theory, and translation and cultural studies.

English studies --- Students in this online track learn how to interpret complex cultural, historical, literary and language-

related materials, as well as articulate and mobilize this knowledge for general audiences through a series of courses from across disciplinary areas of study.

Literature --- Students develop skills in literary and cultural analysis, explore social and historical contexts, address theoretical issues and pursue interdisciplinary modes of inquiry.

Writing, rhetorics and literacies --- Students engage with various approaches to the history, theory and practices of rhetoric and pedagogies of writing and composition.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English (Literature), BA

English (Writing, Rhetorics and Literacies), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis - Comparative Literature Track, or
30 credit hours and a thesis - Literature Track, or
30 credit hours and a thesis - Writing, Rhetorics and Literacies Track, or
30 credit hours including the required applied project course (ENG 593) - Comparative Literature Track, or
30 credit hours including the required applied project course (ENG 593) - Literature Track, or
30 credit hours including the required applied project course (ENG 593) - Writing, Rhetorics and Literacies Track, or
30 credits hours including the required capstone course (ENG 597) - English Studies Track

Required Core (3 credit hours)
ENG 501 Approaches to Research (3)

Track Coursework (12-18 credit hours)
Comparative Literature Track (15 credit hours)
one course in concept and methods (3)
four courses in a language other than English (12)

English Studies Track (18 credit hours)
one course in linguistics (3)
one course in literature (3)
one course in writing, rhetorics and literacies (3)
one course in English education (3)
two additional courses (6)

Literature Track (18 credit hours)
ENG 502 Contemporary Critical Theories (3)
one course in early literatures and cultures (3)
one course in modern and contemporary literatures and cultures (3)
one course in global, ethnic, and transnational literatures and cultures (3)
one course in methods and approaches (3)
one course in language and linguistics (3)

Writing, Rhetorics and Literacies Track (12 credit hours)
one course in composition theory (3)
one course in rhetoric theory (3)
two 600-level courses (6)

Electives (3-12 credit hours)

Culminating Experience (3 or 6 credit hours)
ENG 593 Applied Project (3) or
ENG 597 Graduate Capstone Seminar (3) or
ENG 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for the approved lists of track coursework.

Students must choose one of the following tracks: comparative literature; English studies; literature; or writing, rhetorics and literacies. Students complete 12 to 18 credit hours of track coursework and 3 to 12 credit hours of electives depending on their track and culminating experience.

The capstone culminating experience option is available to students in the English studies track only. Students in this track must take the capstone. Students in one of the other tracks must select an applied project or thesis for the culminating experience.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• two letters of recommendation
• academic writing sample relevant to the field
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Students should see the Department of English website for specific details about English proficiency requirements. Applications are not processed without valid proof of English proficiency. More information about English proficiency requirements can be found on the department's admission website (https://english.asu.edu/admission/graduate-admission/information-international-students). Official scores must be sent to ASU for the application to be processed.

Applicants to the comparative literature track must prove fluency in a foreign language at a level sufficient for graduate study.

The two-page, single-spaced statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in the track to which the applicant is applying, and plans for the future.

Two academic letters of recommendation are required, with a third being optional. Applicants to the English studies track can submit academic or professional letters of recommendation.

An academic writing sample is required for applicants to the comparative literature; literature; and writing, rhetorics and literacies tracks. Applicants to the English studies track are not required to submit a writing sample (the statement of purpose serves as the writing sample).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-english/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Graduates from the MA program in English at ASU will be able to use concepts from a discipline in English studies to analyze (break into constituent parts) a relevant creative, literary, rhetorical or linguistic artifact or other cultural phenomenon according to standards of rigor in the field.
Graduates from the MA program in English at ASU will be able to compose a compelling case, argument or creative work relevant to English studies that meets or exceeds standards of rigor in the field.
Graduates of the MA program will be able to use theories, concepts and methods from a discipline in English studies to sustain an evidence-based line of reasoning that makes a grounded, situated and qualified contribution according to standards of rigor in the field.

Career opportunities

Professionals with expertise in all areas of English studies are able to articulate and translate complex ideas for a general audience. Graduates are prepared for career opportunities in public humanities, business, digital media, teaching, museums, nonprofits and arts organizations. In addition, their advanced skills in writing, oral presentation and critical thinking are valuable assets for any career.

Career examples include:

communications director
copywriter
editor or author
human resources specialist
instructor
library or museum administrator
market research analyst
publisher
social media manager
technical writer

web content writer or specialist

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/english-ma
enggrad@asu.edu
480-965-3168

Environmental Communication and Leadership (Certificate), Certificate (LAECLGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Scientists must go beyond publishing in journals if they want their research to be relevant to society. However, academic training rarely covers how to communicate with the press, the public, policymakers and other relevant stakeholders.

This certificate program in environmental communication and leadership gives graduate students in environmental disciplines the important skills they need to increase their influence and reach above and beyond academia.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
BIO 578 Environmental Leadership and Communication (3)

Electives (12 credit hours)
policy and management (3)
communication (3)
leadership (3)
open elective (3)

Additional Curriculum Information
Students must choose three credit hours from each of the policy and management, communication, and leadership categories with approval of the School of Life Sciences. If a student takes a course for fewer than three credit hours, the student must take more than one course in that category to meet the three-credit-hour requirement. Students should contact the School of Life Sciences for a complete list of courses.

For the open elective category, students choose one three-credit-hour elective course from any of the other three categories above. Students should note that only three credit hours of approved 400-level coursework can appear on the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Sample related fields include business, education, biology, geosciences, political science and English.

Applicants must have completed 12 undergraduate credit hours of natural science or social science coursework related to the environment at the time of application to the graduate certificate program. They must meet all other graduate admission requirements. Courses are reviewed by the School of Life Sciences graduate committee to ensure they fulfill this requirement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals skilled in communication as well as analytical and critical thinking are highly sought-after in public and private industry. Experience with conservation science, policy, management and leadership prepares graduates for careers in research, policy development, law and business management, among many others.

Career examples include:

- attorney
- ecologist
- professor
- research scientist
- science journalist or communicator

Contact information

School of Life Sciences | LSA 212
https://sols.asu.edu/degree/graduate/environmental-communication-and-leadership-certificate-cert
sols.grad@asu.edu
480-727-3109
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Environmental Life Sciences, PHD (LAELSPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

A Doctor of Philosophy program in environmental life sciences provides doctorate-level training in different but integrated fields, with a focus on the interactions between organisms (e.g., plants, microbes, humans and other animals) and their environment (locally and globally). Dissertations can include any of the following fields, among others:

• biochemistry and chemistry
• biology (ecology, physiology, evolution)
• conservation science
• environmental engineering
• geosciences
• mathematics and statistics
• social sciences
• spatial sciences
• sustainability

Graduate students are trained by means of a core class taught by environmental life science faculty, additional courses that fit their needs, research seminars and hands-on experiences in the lab or field, with guidance from committee members across multiple disciplines.

The program focus is on collaborative, interdisciplinary and integrative studies of the causes and consequences of environmental variation across scales ranging from molecules to organisms to the globe. The overall goal is to provide a valuable interdisciplinary doctoral program that encourages students to explore and solve complex problems in the context of environmental change.

Administered by ASU's School of Life Sciences, eight additional schools participate in this interdisciplinary program to promote broad, collaborative training.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
ELS 501 Grand Challenges in Environmental Life Sciences (3)

Electives (69 credit hours)

Culminating Experience (12 credit hours)
ELS 799 Dissertation (12)

Additional Curriculum Information
Students are required to take ELS 501 in their first semester at ASU.

For electives, students should see the academic unit for approved coursework. Students also may take ELS omnibus courses to fulfill some of the elective requirements.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives and research.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to execute a research plan of their own design that addresses a significant scientific question about environmental life sciences.
Able to effectively communicate environmental biology concepts in oral and written formats.

Career opportunities

Environmental life scientists address ecological and environmental questions in social-ecological-technological systems, thus students often have a social science or related component in their dissertation. Graduates are prepared for a range of careers related to global environmental change, conservation and resource management, and sustainable industries among others.

Career examples include:

climate change analyst
consultant
environmental compliance inspector
environmental engineer
environmental safety and health coordinator

insect ecologist and exhibits specialist
oceans and climate manager
professor
public health scientist
research director
scientist

Scientist, professor, consultant and research director roles may involve specialization areas, including:

atmosphere and space
ecology (community, ecosystem, microbe, population, wildlife)
ecosystem restoration
forestry and conservation

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/environmental-life-sciences-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Environmental Social Science (Complex Adaptive Systems Science), PHD (LAESSCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices is difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

• culture and the environment
• environmental hazards and vulnerability
• environmental justice
• human environment impacts
• political ecology
• science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty members who have expertise in a broad range of fields, including:

• archaeology
• community resources
• cultural and medical anthropology
• demography
• environmental history
• geographic information systems
• human and physical geography

• planning
• public affairs
• science and technology studies
• sociology

Coursework for the degree is focused on developing practical skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

The complex adaptive systems science doctoral concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive systems science at Arizona State University, and it emphasizes the value of a complex adaptive systems perspective to give students better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
ASB 530/ESS 530/SOS 553 Changing Human-nature Relationships (3)

Concentration (12 credit hours)
ASM 570 Fundamentals of CAS Science (3)
one course in mathematics of CASS (3)
one course in modeling of CASS (3)
one course in application of CASS (3)

Electives or Research (45 credit hours)

Research (12 credit hours)
ESS 792 Research (12)

Culminating Experience (12 credit hours)
ESS 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives or research.

Students entering the program without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio that is formally evaluated by a faculty committee, and present that research in a public forum

before continuing in the later stage of the doctoral program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study, and students typically have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Students should see the academic unit for a complete list of approved electives and concentration courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants may include in their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry and nongovernmental organizations.

There is a demand in the job market for people with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in this degree are increasingly sought for their broad, holistic knowledge and perspectives. Some career opportunities include:

analyzing and proposing policies
conducting postgraduate academic research
consulting for private and public organizations
curating cultural resources
directing nonprofit organizations
directing programs in the private or public sector
managing culture or heritage resources in private or public sectors
planning communities
teaching

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/environmental-social-science-phd
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Environmental Social Science (Urbanism), PHD (LAESSURPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Doctor of Philosophy in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices will be difficult to achieve, if not impossible, without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

• culture and the environment
• environmental hazards and vulnerability
• environmental justice
• human environment impacts
• political ecology
• science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty who have expertise in a broad range of fields including:

• archaeology
• community resources
• cultural and medical anthropology
• demography
• environmental history

• geographic information systems
• human and physical geography
• planning
• public affairs
• science and technology studies
• sociology

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry or in nongovernmental organizations.

Coursework for the degree is focused on developing real-world skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post admission.

Students entering without a master's degree must earn an additional 30 credit hours of graduate coursework, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate degree program.

All students must maintain an average GPA of 3.20 in their courses and complete degree requirements per the program's satisfactory progress policy.

All students entering the program complete 18 credit hours of core classes in conceptual domains and topical foci. For the concentration in urbanism, 15 credit hours are to be selected from an approved list of applicable courses related to urbanism. Some of the environmental social science core courses also count toward the concentration in urbanism. These courses include the core urbanism course GCU 516 as well as one course from each of the four urbanism clusters: built form, culture and society, institutions and governance, and natural environment.

Additional credit hours come from courses in research design, technical expertise and electives. Students may select from a substantial range of courses to satisfy noncore requirements.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants may submit with their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The demand in the job market is for people with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people with the training of this degree are increasingly sought-after for their broad, holistic knowledge and perspectives. Some career opportunities include:

acting as legal advocates in international cases
analyzing and proposing policies
conducting postgraduate academic research
consulting for private and public organizations
curating cultural resources
directing nonprofit organizations
directing programs in the private or public sector
managing culture or heritage resources in private or public sectors
planning communities
teaching

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Environmental Social Science, PHD (LAESSPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

The curriculum is being reviewed for program changes and will be updated upon approval.

Program description

The Doctor of Philosophy program in environmental social science is one of the few doctoral degree programs in the U.S. that draw on the premise that reducing human impacts and developing more sustainable environmental practices are difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

• culture and the environment
• environmental hazards and vulnerability
• environmental justice
• human environment impacts
• political ecology
• science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty members who have expertise in a broad range of fields, including:

• archaeology
• community resources
• cultural and medical anthropology
• demography
• environmental history
• geographic information systems
• human and physical geography
• planning
• public affairs
• science and technology studies
• sociology

Coursework for the degree is focused on developing practical skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
ASB 530/ESS 530/SOS 553 Changing Human-nature Relationships (3)

Other Requirements (18 credit hours)
ASB 500 Topic: Ethnographic Research Methods (3)
ASB 500 Topic: Social Survey Research (3)
ASB 500 Topic: Qualitative Data Analysis (3)
ASB 501 Topic: Professionalism (3)
ASM 579 Proposal Writing (3)
BIO 517 Uncertainty and Decision Making (3)
BIO 527 Environmental Ethics and Policy Goals (3)
CHM 501 Topic: Science Policy for Scientists and Engineers (1-2)
ESS 502 Political Ecology: Theory and Research (3)
ESS 510 Urban Environments (4)
ESS 514 Urban and Environmental Health (4)
ESS 591 Topic: Decisions, Risk and the Environment (3)
ESS 591 Topic: Water and Social Theory (3)
GCU 585 Geographic Research Design and Proposal Writing (3)
SOS 532 Sustainable Urban Dynamics (3)

Electives (39 credit hours)

Research (12 credit hours)
ESS 792 Research (12)

Culminating Experience (12 credit hours)
ESS 799 Dissertation (12)

Additional Curriculum Information
For electives, students should see the academic unit for a course list approved by the chair.

Other requirements coursework may be substituted with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is to be made up of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants may include in the application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry or nongovernmental organizations.

There is a demand in the job market for people with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in this degree program are increasingly sought-after for their broad, holistic knowledge and perspectives. Some career opportunities include:

acting as legal advocates in international cases
analyzing and proposing policies
conducting postgraduate academic research
consulting for private and public organizations
curating cultural resources
directing nonprofit organizations
directing programs in the private or public sector
managing culture or heritage resources in the private or public sector
planning communities
teaching

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/environmental-social-science-phd
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Evolutionary Biology, PHD (LAEVOPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy in evolutionary biology is a transdisciplinary graduate degree program that provides doctorate-level training in the historical, conceptual, empirical and quantitative aspects of biological evolution.

Evolution is a fundamental scientific concept that underlies all aspects of modern biological, environmental and health-related research. It cuts across biological sciences in ways that few other foci do and informs the theoretical foundations of subfields such as population genetics and ecosystem ecology. It allows integration of information and patterns across levels of organization, informs the theoretical foundations of subfields ranging from population genetics to systematics to ecosystem ecology, and provides bridges between temporal and spatial scales.

Forgoing emphases on particular taxa or methods, the program focuses on understanding the patterns and processes that have shaped life on Earth and continue to do so, training the next generation of scientists to use this knowledge to meet present and future challenges to the biosphere and human health in the face of increasing environmental perturbation.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (9 credit hours)
BIO 514 Statistical Models for Biology (4)
EVO 601 Principles of Evolution (3)
EVO 610 Research Areas of Evolution (2)

Electives (9 credit hours)
The program advisor and the student's advisor will determine these courses in conjunction with the student.

Other Requirements (54 credit hours)
research, coursework or 30 credit hours from a previously awarded master's degree

Dissertation (12 credit hours)
EVO 799 Dissertation (12)

Additional Curriculum Information
Students take EVO 610 (1 credit hour) twice.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to review the literature relevant to the research question in evolutionary biology that they address in their dissertation.
Able to execute a research plan of their own design that addresses a significant scientific question about evolutionary biology.
Able to communicate the rationale and results of their research, both orally and in writing.

Career opportunities

Those who have earned a doctorate in evolutionary biology are prepared for academic careers at every level, from community colleges to research universities. Their skills and knowledge are also valuable for government careers in federal and state agencies, industry, and nongovernmental organizations.

Career examples include:

health care scientist in an academic, private or industrial lab
elementary or high school science teacher
principal investigator in a government lab or nonprofit organization
professor or instructor in a university or college
wildlife, animal or conservation scientist

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/evolutionary-biology-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Evolutionary Medicine (Certificate), Certificate (LAEVMDGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

With rising need for health science-related skills and an aging population in the United States, innovations in health and medicine are in demand.

Evolutionary medicine is a new and burgeoning field situated between the life and social sciences that integrates the fields of genetics, medicine, global health, evolutionary biology and public health to transform understanding of disease and improve human health. Students who complete this certificate program learn how to integrate perspectives from across fields to answer questions about health and disease in the context of human life history.

Students are introduced to integrated approaches within the biological and social sciences that are capable of addressing an emerging, anticipated public need such as reemerging infectious disease, challenges with vaccines, the expansion of chronic disease and other growing public health crises.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (BIO 571)

Required Core (3 credit hours)
ASB 507/BIO 507 Advanced Evolutionary Medicine (3) or
ASM 503/BIO 510 Evolutionary Medicine and Global Health (3)

Restricted Electives in Anthropology (3 credit hours)
ASB 503 Medical Anthropology (3)
ASB 510 Health: Social and Biocultural Theories (3)

Restricted Electives in Biology (3 credit hours)
ASM 546/BIO 546 Principles of Human Genetics (3)
BIO 545 Populations: Evolutionary Genetics (3)
EVO 601 Principles of Evolution (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)
BIO 571 Evolutionary Medicine Capstone (3)

Additional Curriculum Information
Students choose one course from an approved list of electives or research courses and cannot choose courses already taken for required core or restricted electives in anthropology and biology. For restricted electives in anthropology and biology, students must choose one course from the list indicated for each subject.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the life or social sciences or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The professional resume should demonstrate the applicant's skills and previous training.

The written statement should address future career goals to better assist the student with selection of the most applicable set of courses in evolutionary medicine.

International students who need an F-1 or 1 J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

With an aging population in the U.S. and a pivot toward global health concerns, there is an increase in demand for health care services.

Health care professional programs have competitive admissions processes, and students with a certificate in evolutionary medicine set themselves apart from their peers with skills in problem-solving to address the integration of basic medical and public health science and practice. They also have a working knowledge of how evolutionary thinking influences medical and public health intervention and have the ability to apply an integrated conceptual framework to the problems of public health and medicine in order to produce more holistic outcomes for the improvement of human health.

Career examples include:

- anthropologists and sociologists

biologists
educators
physicians, nurses, psychologists and psychiatrists
public health professionals

Contact information

School of Life Sciences | LSA 189
https://sols.asu.edu
sols.grad@asu.edu
480-727-6277

Exploration Systems Design (Instrumentation), MS (LAESDIMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in exploration systems design with a concentration in instrumentation promotes the development and growth of engineering-literate scientists and science-literate engineers who are interested in the design, construction and implementation of scientific instrumentation. Its distinct curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics. The concentration trains students to design the next generation of in situ or remote sensing instrumentation for exploration of the Earth, space and the universe.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Earth and Space Exploration, BS

Mechanical Engineering, BSE

Earth and Space Exploration (Geological and Planetary Sciences), BS

Aerospace Engineering (Astronautics), BSE

Earth and Space Exploration (Astrobiology and Biogeosciences), BS

Earth and Space Exploration (Exploration Systems Design), BS

Electrical Engineering (Electric Power and Energy Systems), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Electrical Engineering, BSE

Earth and Space Exploration (Astrophysics), BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (SES 511)

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Concentration (9 credit hours)
AST 552 Astronomical Instrumentation and Data Analysis (3)
EEE 543 Antenna Analysis and Design (3)
EEE 545 Microwave Circuit Design (3)
EEE 548 Coherent Optics (3)
EGR 608 Advanced Simulation (3)
MAE 503 Finite Elements in Engineering (3)
MAE 557 Mechanics of Composite Materials (3)

Electives or Research (13 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
Students select three courses from the available concentration coursework.

For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• written statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The U.S. Department of Labor predicts that the economy will add 63,000 jobs in engineering fields related to instrumentation and exploration systems design (involving electrical and electronics, aerospace, and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields.
https://www.bls.gov/ooh/architecture-and-engineering/home.htm

Arizona has a considerable presence of aerospace and other technology companies that have a high demand for skilled labor. In particular, local aerospace companies need graduates who have direct experience and training in the space sector. The concentration in instrumentation is particularly positioned to provide this training.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Instrumentation), PHD (LAESDIPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in exploration systems design with a concentration in instrumentation offers an advanced systems approach for developing scientific exploration technologies in a variety of demanding environments on Earth and in space.

This transdisciplinary degree program targets technological development for exploration science, providing a distinct platform to train systems engineers. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering enables students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. The instrumentation concentration prepares students in the development of state-of-the-art sensors and systems for remote and in situ sensing related to planetary science, Earth science and astronomy.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Concentration (9 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Electives or Research (61 credit hours)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include engineering, computer science, geological sciences and physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. An undergraduate degree in electrical engineering, aerospace engineering or mechanical engineering is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, technical consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions that rely on data-driven strategies to manage large teams and complex problems. The doctoral degree in exploration systems design is generally required for careers in postsecondary education and research.

Career examples include:

- data scientist
- engineering professor
- instrument builder
- machining specialist
- project manager
- research engineer

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Sensor Networks), MS (LAESDSNMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in exploration systems design with a concentration in sensor networks promotes the development and growth of engineering-literate scientists and science-literate engineers interested in the use of robotics, data science and other computational tools applied to science problems in Earth and space sciences.

Its distinct curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics. The concentration program trains students to use modern computational tools to solve some of the most complex science problems humanity faces.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Earth and Space Exploration, BS

Mechanical Engineering, BSE

Earth and Space Exploration (Geological and Planetary Sciences), BS

Aerospace Engineering (Astronautics), BSE

Earth and Space Exploration (Astrobiology and Biogeosciences), BS

Earth and Space Exploration (Exploration Systems Design), BS

Electrical Engineering (Electric Power and Energy Systems), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Electrical Engineering, BSE

Earth and Space Exploration (Astrophysics), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (SES 511)

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Concentration (9 credit hours)
CEN 571 Hardware Acceleration and FPGA Computing (3)
EEE 507 Multidimensional Signal Processing (3)
EEE 511 Artificial Neural Computation (3)
EEE 515 Machine Vision and Pattern Recognition (3)
EEE 551 Information Theory (3)
MAE 547 Modeling and Control of Robots (3)

Electives or Research (13 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
Students select three courses from the available concentration coursework.

For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• written statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The U.S. Department of Labor predicts that the economy will add 63,000 jobs in engineering fields related to systems engineering and exploration systems design (involving electrical and electronics, aerospace, and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields.
https://www.bls.gov/ooh/architecture-and-engineering/home.htm

Arizona has a considerable number of aerospace and other technology companies with high demand for skilled labor. In particular, local aerospace companies have a need for those with direct experience and training in the space sector. The concentration in sensor networks is particularly positioned to provide this training.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Sensor Networks), PHD (LAESDSNPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in exploration systems design with a concentration in sensor networks offers an advanced systems approach for developing scientific exploration technologies in a variety of demanding environments on Earth and in space. This transdisciplinary degree program provides a distinct platform to train systems engineers who are targeting technological development for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. The sensor networks concentration prepares students in the development of networked software and hardware systems related to Earth and space exploration, including robotics, data science and high-performance computing.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Concentration (9 credit hours)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students should see the program website for application deadlines.

An undergraduate degree in electrical engineering or computer science is preferred.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, environmental consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions that rely on data-driven strategies to manage large teams and complex problems. The doctoral degree in exploration systems design is generally required for careers in postsecondary education and research.

Career examples include:

- data scientist
- engineering professor
- instrument builder
- project manager
- research engineer
- sensor technologist

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission

sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Systems Engineering), MS (LAESDSEMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in exploration systems design with a concentration in systems engineering promotes the development and growth of engineering-literate scientists and science-literate engineers interested in the design, construction and implementation of next-generation space missions and large projects.

Its distinct curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics. The concentration trains students to design the next generation of large projects and space missions for exploration of the Earth, space and the universe.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Earth and Space Exploration, BS

Mechanical Engineering, BSE

Earth and Space Exploration (Geological and Planetary Sciences), BS

Aerospace Engineering (Astronautics), BSE

Earth and Space Exploration (Astrobiology and Biogeosciences), BS

Earth and Space Exploration (Exploration Systems Design), BS

Electrical Engineering (Electric Power and Energy Systems), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Electrical Engineering, BSE

Earth and Space Exploration (Astrophysics), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (SES 511)

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Concentration (9 credit hours)
EGR 530 Principles of Systems Engineering (3)
EGR 608 Advanced Simulation (3)
EGR 611 Complex Engineering Systems (3)
IEE 573 Reliability Engineering (3)
MAE 547 Modeling and Control of Robots (3)
MAE 557 Mechanics of Composite Materials (3)
MAE 565 Rocket Propulsion (3)
MAE 587 Radiation Heat Transfer (3)

Electives or Research (13 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
Students select three courses from the available concentration coursework.

For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• written statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The U.S. Department of Labor predicts that the economy will add 63,000 jobs in engineering fields related to systems engineering and exploration systems design (involving electrical and electronics, aerospace, and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields.
https://www.bls.gov/ooh/architecture-and-engineering/home.htm

Arizona has a considerable presence of aerospace and other technology companies with a high demand for skilled labor. In particular, local aerospace companies have a need for graduates who have direct experience and training in the space sector. The concentration in systems engineering is particularly positioned to provide this training.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design (Systems Engineering), PHD (LAESDSEPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy in exploration systems design with a concentration in systems engineering offers an advanced systems approach for developing scientific exploration technologies in a range of demanding environments on Earth and in space.

This transdisciplinary degree program provides a valuable platform for training systems engineers who are interested in developing technologies for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. The systems engineering concentration prepares students in the design, planning, creation and operation of complex exploration systems, including spaceflight and missions and large, multidisciplinary experiments.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Concentration (9 credit hours)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the School of Earth and Space Exploration graduate course catalog (GLG, SES or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements courses may be made per department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Systems engineering concentration: Successful completion of a senior capstone or design project is an admission requirement for this concentration. Students who have not had a design course are required to take SES 405 Exploration Systems Engineering as an additional course.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions relying on data-driven strategies to manage large teams and complex problems.

The doctoral degree in exploration systems design is generally required for careers in postsecondary education and research.

Career examples include:

- data scientist
- engineering professor
- instrument builder
- project manager
- research engineer
- systems engineer

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design, MS (LAESDMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in exploration systems design promotes the development and growth of engineering-literate scientists and science-literate engineers. Its distinct curriculum combines science applications with engineering knowledge and skills through engineering and science courses focused on Earth science, space science and astrophysics.

Three concentrations are also offered for those who want more specific training in instrumentation, systems engineering and sensor networks.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Earth and Space Exploration, BS

Mechanical Engineering, BSE

Earth and Space Exploration (Geological and Planetary Sciences), BS

Aerospace Engineering (Astronautics), BSE

Earth and Space Exploration (Astrobiology and Biogeosciences), BS

Earth and Space Exploration (Exploration Systems Design), BS

Electrical Engineering (Electric Power and Energy Systems), BSE

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Electrical Engineering, BSE

Earth and Space Exploration (Astrophysics), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (SES 511)

Required Core (5 credit hours)
SES 501 SESE Colloquium (1)
SES 502 Exploring SESE Research (1)
SES 510 Graduate Exploration Project I (3)

Electives or Research (22 credit hours)

Culminating Experience (3 credit hours)
SES 511 Graduate Exploration Project II (3)

Additional Curriculum Information
For elective coursework, students select from the AST, GLG, SES or engineering courses in consultation with their faculty advisor. Six credit hours must be science coursework approved by the faculty advisor. Other courses can be used with academic unit approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in engineering, physical science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• written statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The U.S. Department of Labor predicts that the economy will add 63,000 jobs in engineering fields related to systems engineering and exploration systems design (involving electrical and electronics, aerospace and mechanical engineering). This is in addition to the 900,000 jobs already existing in the economy in these fields. https://www.bls.gov/ooh/architecture-and-engineering/home.htm

Arizona has a considerable presence of aerospace and other technology companies that have a high demand for skilled labor. In particular, local aerospace companies need graduates with direct experience and training in the space sector. This degree program is particularly well positioned to provide such training.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Exploration Systems Design, PHD (LAESDPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Doctor of Philosophy program in exploration systems design offers students an advanced systems approach for developing scientific exploration technologies in a wide variety of demanding environments on the Earth, planets, moons and in space.

This transdisciplinary degree program provides a valuable platform for training systems engineers targeting technological development for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems

engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. Students must select a concentration as part of this degree program. Concentrations are available in instrumentation, systems engineering and sensor networks.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (70 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES, or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admissions application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students should see the program website for application deadlines.

Instrumentation concentration
An undergraduate degree in electrical engineering, aerospace engineering or mechanical engineering is preferred.

Systems engineering concentration
Successful completion of a senior capstone or design project is an admission requirement for this concentration. Students who have not had a design course are required to take SES 405 Exploration Systems Engineering as an additional course.

Sensor networks concentration
An undergraduate degree in electrical engineering or computer science is preferred.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in exploration systems design are in high demand across sectors and industries, including remote sensing, systems engineering, data science, environmental consulting, Earth and planetary science, and engineering. Coding and numerical modeling skills translate across many domains, even beyond exploration systems design. Skills in the design, manufacture and deployment of engineered solutions to science problems are valuable to businesses and institutions relying on data-driven strategies to manage large teams and complex problems. The doctoral degree in exploration systems design is generally required for careers in post-secondary education and research.

Career examples include:

- data scientist
- engineering professor
- project manager
- research engineer

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Family and Human Development, MS (LAFAMHDMS)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

In the Master of Science program in family and human development, practitioner-oriented professionals gain an understanding of relationships and developmental dynamics.

Students learn how to effectively evaluate and consume research, translate research into best practices, and apply these principles at work. They acquire the knowledge and skills necessary to facilitate healthy development of individuals and families as they study the factors that promote successful relationships and positive outcomes for individuals, families and communities across the life span.

The online format provides easy access to rigorous and valuable information that informs best practices in improving the lives of families and family members. The program also includes a customizable culminating experience that enables students to focus their training in their areas of interest and work.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Family and Human Development, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (FAS 588)

Required Core (6 credit hours)
CDE 531 Theoretical Issues in Child Development (3)
FAS 586 or SOC 586 Masters Professional Development (3)

Electives (15 credit hours)
diversity course (3)
other elective coursework (12)

Other Requirements (6 credit hours)
FAS 500 Research Methods (3)
CDE 501 Social Statistics (3)

Culminating Experience (3 credit hours)
FAS 588 Capstone Culminating Experience (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives. The diversity course and other elective coursework are chosen with approval from the academic advisor. FAS 500 and CDE 501 may be replaced by equivalent courses with the academic advisor's approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate coursework
• current resume or curriculum vitae
• personal statement of goals relevant to the master's degree program
• two letters of recommendation from individuals with professional or academic backgrounds
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement must be two to three pages, double-spaced, and must address the applicant's professional goals, the strengths that will enable them to succeed in the program, and professional experience or responsibilities relevant to the program.

Letters of recommendation must be from at least two academic or professional sources. Family members and friends do not meet this criterion. Applicants should see the program website for full application deadlines and admission terms and details.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-family-and-human-development/) for program descriptions and to request more information.

Career opportunities

Graduates often pursue careers in human, social and government agencies that involve working with children, youth and adults in positions such as:

caseworker
children, youth and family services worker
community engagement specialist
community support program official
family support specialist
human service specialist
manager
nonprofit organization administrator
outreach coordinator

Although the instruction students receive in this program can be beneficial to therapists and counselors, this degree does not enable students to seek licensure as a professional counselor or marriage and family therapist; the completion of an additional program or degree is required for those positions.

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/degree/graduate/family-and-human-development-ms
graduatesanford@asu.edu
480-965-6978

Family and Human Development, PHD (LAFAMSCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in family and human development is devoted to the study of families, children and youth. The program's research, teaching and service have direct meaning in the lives of children and adults, and for their families and communities.

The faculty share a common commitment to high-quality research that both increases the basic understanding of human and family development and has the potential to contribute to the improvement of the lives of children and families.

STEM-OPT extension eligible: No

Degree requirements

85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (1 credit hour)
FAS 503 Academic Professional Development (1)

Other Requirements (26 credit hours)
CDE 531 Theoretical Issues in Child Development (3)
FAS 500 Research Methods (3)
FAS 513 Introduction to Regression and Linear Models (4) or PSY 530 Intermed Statistics (4)
FAS 514 Advanced Regression and Nonlinear Models (4) or PSY 531 Multiple Regression in Psychological Research (4)
FAS 531 Theoretical Issues in Family Sciences (3)
two graduate-level courses in advanced methods or statistics (6)
one graduate-level diversity course (3)

Research (6 credit hours)
FAS or CDE 592 Research (6)

Electives (40 credit hours)

Culminating Experience (12 credit hours)
FAS or CDE 799 Dissertation (12)

Additional Curriculum Information
Postbaccalaureate (students entering after the bachelor's degree): Of the 85 credit hours for a postbaccalaureate program, six credit hours are dedicated to an empirical project, and 12 credit hours are for the dissertation.

Post-master's (students entering after the master's degree): When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this credential. Of the 55 credit hours of the post-master's degree program, 12 credit hours are for the dissertation.

Electives should be chosen in consultation with and approval of the advisor. Electives may be selected within or outside the T. Denny Sanford School of Social and Family Dynamics. All elective courses must be 500 level or higher.

Substitutions for all courses listed under other requirements may be made per department approval.

For the diversity course requirement, students should refer to the department for a list of approved courses.

For the advanced methods or statistics requirement, students take two courses with content that advances beyond Quantitative Methods I and II.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a resume or curriculum vitae
• statement of goals relevant to the doctoral program
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement must be four to six pages, double-spaced, and address the applicant's professional goals, the applicant's strengths that will enable them to succeed in the program, a detailed description of past research experience, relevant professional experiences or responsibilities, and specific personal research interests. The applicant also must identify two or three faculty members whose research interests match their own and explain why they are good matches.

Three letters of recommendation are required. These must include at least one from an instructor at the institution where the applicant completed their undergraduate or graduate work. The letters should be from people who know the applicant in a professional or academic capacity; letters from family members or friends do not meet this criterion.

Students should see the program website for full application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply their understanding of theoretical perspectives to the field of child and family development in their final project and/or final exam.
Apply research methods, including study design, measurement, and analyses in their final exam and dissertation.
Able to implement a major independent research project that makes a unique contribution to the field of family and human development.

Career opportunities

Graduates possess knowledge and skills necessary for promoting healthy individual and family development as they study the factors that promote successful relationships and positive outcomes for individuals, families and communities across the life span. Graduates often pursue careers working with children, youth and adults in human, social and government agencies or take on leadership roles as researchers in a university, in a public or privately funded agency, in an industry or in government.

Career examples include:

community support program officials
government agency administrators and professionals
instructors
nonprofit organization administrators
research professionals

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/degree/graduate/family-and-human-development-phd
graduatesanford@asu.edu
480-965-6875

Film and Media Studies, MAS (LAAMPCMAS)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

Offering an overview of film, television, video games and other digital media across a range of platforms, the Master of Advanced Study program in film and media studies helps students develop into more critically informed writers, teachers, storytellers and consumers of popular culture and media. Courses about film, television, video games and the internet enable students to build a strong understanding of how these media are made, tell stories and represent different social identities.

Delivered exclusively online, the MAS program explores the economic, social and cultural dimensions of U.S. media production within an interactive and flexible learning environment.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (FMS 597)

Required Core (9 credit hours)
FMS 504 Film Analysis (3)
FMS 510 Digital Media Studies (3)
FMS 520 Cultural History of US Television: Theory and Method (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
FMS 597 Graduate Capstone Seminar (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• letters of recommendation (optional)
• application essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and has not graduated from an institution of higher learning in the U.S. must provide proof of English proficiency regardless of their current residency. Applications are not processed without valid proof of English proficiency; official scores must be sent to ASU for the application to be processed.

In a one-page, double-spaced statement of purpose, the applicant should explain how their goals and interests align with the focus of the program.

Applicants are asked to write and submit a three-page essay that assesses their knowledge of media theory and critical analysis skills. The subject of the essay is given in the online application. Applicants should demonstrate the ability to write well and construct a persuasive critical argument. Appropriate secondary sources should be used in this essay.

While letters of recommendation are optional, applicants may include two or three letters in their application. Recommenders should be former teachers or supervisors who address the applicant's academic performance, motivation and character.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-american-media-and-popular-culture/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Graduates of this program will be able to engage theory and apply key concepts in film and media studies.
Students will be able to identify, evaluate and integrate appropriate primary and secondary sources in relation to the study of media.
Graduates will be able to analyze the cultural, economic, political and technological factors that influence media production, reception and analysis.

Career opportunities

Media industries offer many opportunities for graduates. The MAS degree in film and media studies provides graduates with valuable skills that lead to numerous employment opportunities in fields including education, academia, journalism, communications, research and media consulting. There is also more need for media studies experts in every major industry, with media policy, strategy, research, marketing, social media and branding required in all areas of the economy.

Career examples include:

archivist
branding strategist
educator
media buyer
media critic
media industry journalist
media researcher
political media strategist
producer
public relations expert
social media strategist

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/film-and-media-studies-mas
enggrad@asu.edu
480-965-3168

French (Comparative Literature), MA (LAFRECLMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program is not currently accepting applications.

Program description

The Master of Arts program in French comparative literature provides students with an opportunity to develop an advanced knowledge of French and of Francophone and other world literatures, histories and major works. Students

also develop a sound knowledge of the traditions, aims and methods of scholarly research in the field.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam

Graduate students may take only 500-level courses for graduate credit. At least nine credit hours must be selected from those courses listed exclusively for graduate students. The program must include:
• FRE 500 Research Methods (3)
• one course in linguistics and one course in linguistics, civilization or translation
• one course in critical or cultural theory

It is recommended that the candidate enroll in FRE 500 as early as possible.

A minimum of four core courses offered by the French section must be selected from any combination of the following categories:

• Francophone studies courses
• genre courses
• period courses

When approved by the graduate committee, up to six credit hours of related coursework may be taken outside of French.

A student must achieve a grade of "B" (scale is 4.00 = "A") or higher in all work specifically included in the plan of study. Grades below a "C" (2.00) cannot be used to meet the requirements of a graduate degree. No student may accumulate more than one incomplete at any one time.

Independent study courses are given only under exceptional circumstances and do not duplicate courses that are available. The French graduate committee is responsible for authorizing such work in cooperation with the individual professor. A maximum of three credit hours of independent study is permitted.

Students must complete an applied project.

The written examination for the concentration in comparative literature is administered by the interdepartmental committee for comparative literature and consists of two essay-based components: general concepts of comparative literature and problems of comparative literature.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The writing sample should represent the applicant's thinking as well as writing skills, and it should be written in French on a topic connected with the language or French culture. The writing sample should be approximately 5--10 pages in length.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or career opportunities in a larger sector, such as government, diplomacy and international business.

Career examples include positions as:

area, ethnic and cultural studies teachers and professors
editors
foreign language and literature teachers and professors
historians
interpreters and translators
lawyers
reporters and correspondents
social and community service managers

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degrees/graduate
silc@asu.edu
480-965-6281

French (Linguistics), MA (LAFRELINMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program is not currently accepting applications.

Program description

The Master of Arts program in French linguistics provides students with the opportunity to develop an advanced knowledge of current linguistic theory as it applies to French as well as a sound grounding in the tools necessary to carry out linguistic research.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam

The plan of study for the master's degree includes:
• an applied project
• a minimum of 30 credit hours of graduate-level work as approved by the candidate's supervisory committee
• a 500-level bibliography and research methods course offered by the department
• in some programs, six credit hours in another language or in closely related courses (when approved by the candidate's supervisory committee)

All candidates are required to pass a comprehensive written examination designed to evaluate the candidate's knowledge in the area of specialization. A reading list as agreed upon serves as a guide to prepare for this examination.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis.

The writing sample should represent the applicant's thinking as well as their writing skills, and it should be written in French on a topic connected with the language or French culture; it should be approximately five to 10 pages in length.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with this degree can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work, or work in a larger sector such as governmental, diplomatic and international business career opportunities.

Career examples include:

area, ethnic and cultural studies teachers and professors
editors
foreign language and literature teachers and professors
historians
interpreters and translators
lawyers
reporters and correspondents
social and community service managers

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degrees/graduate
silc@asu.edu
480-965-6281

French (Literature), MA (LAFRELITMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program is not currently accepting applications.

Program description

In the Master of Arts program in French literature, students develop an advanced knowledge of French and Francophone literature, its history and its major works, as well as a sound knowledge of the traditions, aims and methods of scholarly research in the field.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam

The plan of study for the master's degree includes:
• an applied project
• a minimum of 30 credit hours of graduate-level work, as approved by the candidate's supervisory committee
• a 500-level bibliography and research methods course offered by the department

When approved by the candidate's supervisory committee, six credit hours in another language or in closely related courses may be included in the program.

All candidates are required to pass a comprehensive written examination designed to evaluate the candidate's knowledge in the area of specialization. A reading list, as agreed upon, serves as a guide to prepare for this examination.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted on a provisional basis.

The writing sample should represent the applicant's thinking and writing skills. It should be written in French on a topic connected to the French language or culture and be approximately 5 to 10 pages in length.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with this degree can confidently move into many fields. The skills that graduates have developed through the program are valued for teaching positions, translation work, or employment in a larger sector, such as government, diplomacy or international business.

Career examples include these positions:

editor
foreign language and literature teacher or professor
historian
interpreter or translator
lawyer
reporter or correspondent
social or community service manager
teacher or professor of area, ethnic or cultural studies

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degrees/graduate
silc@asu.edu
480-965-6281

Gender Studies (certificate), Certificate (LAWSTGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in gender studies offers graduate students the opportunity to enhance their advanced degrees with demonstrated proficiency in and knowledge about gender research and theories that they may apply in their own fields.

The certificate is pursued in tandem with any graduate degree program at ASU.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
WST 601 Critical Concepts of Gender (3)
WST 602 Mapping the Intersections of Gender (3)

Electives (9 credit hours)

Additional Curriculum Information
Elective courses may be chosen from other WST graduate courses or from more than 30 approved courses from other departments throughout the university. Other courses may also be used with the graduate director's approval.

Up to six credit hours not used for another ASU degree or certificate can be transferred from another university, with the graduate director's approval. Courses should be recorded on the transfer section of the student's interactive program of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

The certificate is not offered as a stand-alone, certificate-only program. It is open only to degree-seeking students. However, up to nine credit hours of ASU nondegree credit can be transferred to the program for those who eventually gain admission to an ASU graduate degree program.

Students should see the program website for more information about the certificate and to design coursework.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Will gain an understanding of the key concepts, theoretical frameworks, interdisciplinary approaches and critical debates that have shaped the field of gender studies
> Will gain an understanding of theoretical concepts, metaphors and frameworks employed by feminist scholars to understand the way gender articulates with other categories of difference

Career opportunities

Graduates of the program have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Gender Studies, PHD (LAGSTPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

The next admit term is Fall 2027 (applications due in December 2026). Please contact sstgraduate@asu.edu with questions.

Program description

The Doctor of Philosophy program in gender studies is housed in the nation's first School of Social Transformation. The inclusive gender studies doctoral program empowers tomorrow's scholars and community leaders by immersing students in:

• creative and critical knowledge production
• deep fluency in feminist theory, methodology and praxis
• publicly engaged academic research

Courses in the gender studies program examine key topics related to gender. These include gendered dimensions of social structures, institutions and organizations; the ways in which policies and laws affect gender relations; the intersections of race, gender, sexualities and citizenship in a transnational world; historical and contemporary representations of gender across genres (e.g., popular culture; social media; scientific, medical, historical and legal discourse); and processes of social change, social movements and community development.

Students can choose to specialize in a wide variety of topic areas:

• activism and social movements
• BIPOC feminisms
• critical globalization and development studies
• critical refugee studies
• feminist social reproduction theory
• immigration and migration
• popular culture studies
• queer of color critique
• reproductive justice
• transnational feminisms

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
WST 601 Critical Concepts of Gender (3)
WST 602 Mapping the Intersections of Gender (3)
WST 603 Engendering Methodology (3)
WST 701 Research Design and Proposal Development in Gender Studies (3)

Elective Coursework in Methodology (6 credit hours)

Elective Coursework in Specialization (12 credit hours)

General Electives (30 credit hours)

Research (12 credit hours)

Dissertation (12 credit hours)
WST 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, they select 30 hours of elective coursework with academic unit approval to reach the required 84 credit hours.

Students should see the academic unit for a complete list of approved electives.

Students must maintain an average GPA of 3.50 in their courses.

The gender studies doctoral program provides students with the transdisciplinary training in theory and methods needed to conduct original research and scholarship about gender. Thus, students also take two research methods courses relevant to their dissertation, chosen in consultation with their faculty advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

The gender studies program welcomes applications from qualified students without regard to race, creed, color, religion, sex or national origin. Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official copies of all undergraduate and graduate transcripts
• resume or curriculum vitae
• statement of purpose
• three letters of reference, preferably from faculty or other researchers
• writing sample (10 to 15 pages)
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students should see the ASU Admission Services website for mailing addresses and further admission information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Integrate and apply the core theories of gender in the field of women and gender studies.
Examine and apply intersectionality as a foundational framework in the field of women and gender studies.
Evaluate and apply core methodologies in the field of women and gender studies.

Career opportunities

Graduates of the program have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Gender, Women and Sexuality Studies, MA (LAWSTMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Arts program in gender, women and sexuality studies is designed for students who wish to gain research skills and knowledge about gender analysis and to apply those tools to current problems and solutions.

This flexible, 30 credit hour graduate program provides advanced training in feminist research, theory and methodologies. All students must complete an applied project in which they conduct research that addresses practical, often site-specific problems linked to gender. Final projects may take a variety of forms, including program assessments, grant proposals, and tests of new interventions or curricula.

Full-time students can complete the program within two years, while part-time students take longer but can work while studying.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Gender, Women and Sexuality Studies, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (WST 593)

Required Core (6 credit hours)
WST 501 Foundations of Feminist Thought (3)
WST 502 Interdisciplinary Gender Research Methodologies (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)
WST 593 Applied Project (6)

Additional Curriculum Information
Students must successfully provide an oral defense of the applied project.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. Students may be admitted with a Bachelor of Arts or Bachelor of Science degree in any field, as long as they have completed two courses in women and gender studies or have equivalent experience. Appropriate majors may include women, gender and sexuality studies; history; English; sociology; religious studies; social work; psychology; communication; or ethnic studies. Students who have previously majored in a science, technology, engineering or mathematics field and have interests in gender and education or gender and science may also apply.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts from all colleges and universities where the applicant earned a bachelor's or master's degree
• personal statement
• resume or curriculum vitae
• writing sample
• two or three letters of recommendation
• relevant coursework
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should be approximately 1,000 words and describe any prior research experience and training, professional goals and research interests, and the fit between interests and the program's emphases. The statement should be uploaded.

The writing sample should be 7 to 10 pages; it may be a research brief or report, a white paper, a policy paper or a paper for a recent academic course. The writing sample should reflect the applicant's writing ability and critical thinking skills.

The letters of recommendation should be from individuals who can describe the applicant's strengths and weaknesses as they relate to graduate study and should speak to the applicant's critical thinking, writing, speaking and presentation skills, intellectual ability, leadership potential, interpersonal skills and ability to work with others, or other relevant accomplishments that best highlight their ability to complete a graduate degree in gender, women and sexuality studies.

The list of relevant coursework should include at least two courses, undergraduate or graduate, the applicant has taken that focus on gender or women. In addition, the applicant should list any research methods or social justice courses.

Further details about application requirements and application deadlines are available on the School of Social Transformation webpage.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-women-gender-sexuality-studies/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Will gain an understanding of and be able to apply the key concepts, theoretical frameworks, interdisciplinary approaches and critical debates that have shaped the field of gender studies
Will gain an understanding of and learn to develop and conduct research through a feminist perspective
Will demonstrate the ability to perform intersectional feminist analysis

Career opportunities

Graduates of the program have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations. They may also work in the fields of human services and public policy.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Geographic Education, MAS (LAGEOEDMAS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

ASU is not currently accepting applications for this program.

Program description

The Master of Advanced Study in geographic education provides teachers with the opportunity to obtain specialized experience in geographic pedagogy. The degree program is intended for K--12 teachers and is appropriate for both elementary and secondary school teachers.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and an applied project

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Geography Coursework (24 credit hours)

Culminating Experience (3 credit hours)
DCI 593 Applied Project (3) or
SED 593 Applied Project (3)

Additional Curriculum Information

Students should see the academic unit for an approved course list.

Students are required to have access to a computer with an Internet connection and the capability to view video and animated files with sound, access to email, and access to a word processing program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in education, geography or related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. One letter must be from a former instructor.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/
SGSUP.gradprograms@asu.edu
480-965-7533

Geographic Information Science (certificate), Certificate (LAGEOGISCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Geographic information scientists have the ability to not only map out information but to provide a deeper understanding of the world and the human interactions in it. By combining the disciplines of computer science, statistics and geography, geographic information sciences experts can help answer the questions of what, where, why and how in many areas of interest in many industries.

The geographic information sciences graduate certificate program teaches students the theoretical aspects of GIS, the technical side of the discipline, and applications of the science. Students learn how to analyze policy problems and research questions from a spatial lens, acquire and analyze remotely sensed data, and model spatial phenomena.

Skills in geographic information science and geospatial data analytics offer students market-ready tools for turning novel sources of spatial data into informed practice and prepare students to address issues such as climate change, population growth and aging, and active transportation. The certificate program enables ASU graduate students from all disciplines and GIS professionals to learn the valuable skill of how to apply GIS concepts and technology to solve complex problems.

The certificate is intended as either a specialization within an existing master's degree or a stand-alone nondegree program for practicing professionals who previously earned a graduate degree.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
PAF 571 Geographic Information Systems (GIS) and Analysis (3) or
PUP 576 GIS Workshop for Planners (3)

Electives (6 credit hours)

Other Requirements (6 credit hours)
ABS 485 GIS in Natural Resources (3)
GIS 521 Geographic Information Science Programming (3)
GIS 561 Fundamentals of Spatial Optimization (3)
GIS 562 Location Analysis and Modeling (3)
GIS 563 Local Statistical Modeling (3)
GIS 571 Spatial Statistics for Geography and Planning (3)
GIS 591 Seminar: Data Mining and Data Driven Geography (3)

Additional Curriculum Information
Students select one of the required core courses for a total of three credit hours.

Two of the other requirement courses are selected from the list above for a total of six credit hours; other courses may be substituted with approval from the program director. The program recognizes that other graduate-level courses on GIS are offered at ASU. Advanced courses are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their certificate curriculum with approval of the program director.

Students select two three-credit-hour elective courses for a total of six credit hours in consultation with the program director.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they are currently pursuing a master's degree at ASU or have earned a master's degree and are currently practicing professionals.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The personal statement must be a one-page letter describing the applicant's overall objective for the GIS certificate program. It should clearly state the applicant's interest in GIS and provide evidence that the certificate will enhance the applicant's education or current employment.

Currently practicing professionals must submit a final transcript from the institution granting their master's degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in geospatial information science are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in geographical data science, mapping and geospatial analysis are valuable to businesses and institutions relying on data-driven approaches to solve complex real-world problems. https://www.onetonline.org/link/summary/15-1299.02

Career examples include:

cartographer or photogrammetrist
geographic information systems technician
geospatial information scientist or technologist
geospatial intelligence analyst
mapping technician
remote sensing scientist or technologist

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/degree/graduate/geographic-information-science-certificate-cert

SGSUP.gradprograms@asu.edu
480-965-7533

Geographic Information Science, PHD (LAGISPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in geographic information science fosters training of the next generation of scientists and engineers, enabling them to excel in theoretical, computational, analytical and technical knowledge in transdisciplinary geospatial sciences.

Students in this doctoral program have the opportunity to conduct research at the Spatial Analysis Research Center alongside distinguished faculty specializing in remote sensing and earth observation, GIS, geoinformatics, spatial statistics and spatial-temporal analysis. Researchers are investigating a variety of issues, including voting habits, health crises, altering landscapes and more --- all in an effort to better understand this complex and changing world.

The program has sufficient flexibility to allow for individual needs and interests, enabling students to create a plan of study that fits their personal, academic and professional goals.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
GCU 585 Geographic Research Design and Proposal Writing (3)
GIS 520 GIScience Issues and Debates (3)
GIS 521 Geographic Information Science Programming (3)
GIS 571 Spatial Statistics for Geography and Planning (3)

Electives or Research (55 credit hours)

Remote Sensing (3 credit hours)

Other Requirements (2 credit hours)
GCU 591 or GPH 591 Seminar: Geography Colloquium (2)

Culminating Experience (12 credit hours)
GIS 799 Dissertation (12)

Additional Curriculum Information
Students select electives, remote sensing and other requirements seminar coursework in consultation with their academic advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in geography, geology, earth science, computer programming, GIS, environmental science, geomatics or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Letters of recommendation should be from academic professionals or professional colleagues capable of evaluating the applicant's abilities, accomplishments and professional potential.

The written statement must address the following questions:

• What area of specialization within GIS do you wish to pursue, and why?
• Describe the aspects of your education that will enable you to pursue this area of specialization.
• What additional training do you feel you can obtain at Arizona State University to realize your education and career goals?

In the written statement, applicants also should provide any other information (for example, research experience or information that might be drawn from a resume) that they feel the committee should consider in the application for admission. The written statement should be no longer than two pages. A generic statement, often sent to multiple universities, does not substitute for a statement that addresses the applicant's reasons for applying to this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Analyze scholarly literature associated with a research question for their doctoral research.
> Create a dissertation proposal that clearly demonstrates significance, innovation, and a scientifically justified approach to address a novel research question.

Apply appropriate advanced research methodology in geographic information sciences to their doctoral research

Career opportunities

Professionals with expertise in geospatial information science research, theory and practice are in high demand across sectors and industries, including in institutions of higher education, consulting firms and government agencies. Skills in geographical data science, mapping and data analysis are valuable to businesses and institutions that rely on data-driven approaches to solve complex problems.

Career examples include:

computer scientist
conservation scientist
geoscientist
geospatial information scientist or technologist
geospatial intelligence analyst
remote sensing scientist or technologist

Contact information

School of Geographical Sciences and Urban Planning | COOR 5th floor
https://sgsup.asu.edu/degree/graduate/geographic-information-science-phd
SGSUP.gradprograms@asu.edu
480-965-8733

Geographic Information Systems, MAS (LAGISMAS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Advanced Study program in geographic information systems is a compact, one-year master's degree program that fosters advanced study in the management and use of GIS technology in public and corporate environments. The program meets important educational needs of working professionals and recent college graduates seeking to improve their career standing. This comprehensive professional program balances work in the theoretical and technical aspects of GIS with the applications domain. Students are exposed to innovative technology with a focus on building invaluable problem-solving skills, and they have the opportunity to work on practical, applicable GIS projects.

The program places the focus on location --- the heart of geography and GIS. From that foundation, students learn advanced modeling solutions in GIS and Earth observing, as well as how to integrate computer science, statistics and geography to address a multitude of questions.

Small class sizes ensure quality attention from the faculty, and classes are held in the evening during the week, allowing flexibility for the working professional.

The degree is achievable in one year. A new cohort begins the program each August, with students attending evening classes during the fall and spring semesters. Upon completion of the spring semester, students select a project to complete during a summer eight-week session. Final presentations take place in mid-July, completing the program.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-

students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required applied project course (GPH 693 or GIS 693)

Required Core (24 credit hours)
GIS 601 Introduction to Geographic Information Systems (2)
GIS 602 Intermediate GIS (2)
GIS 603 Spatial Statistics and Modeling (2)
GIS 604 Implementation in the Corporate and Public Sectors (2)
GIS 605 GIS Project Planning and Implementation (2)
GIS 606 GIS Project Presentation (2)
GIS 610 Programming the GIS Environment (3)
GIS 630 GIS Technologies (3)
GIS 640 GIS for Business (3)
GIS 650 GIS for the Internet (3)

Other Requirement (3 credit hours)
GIS 684 Internship (3)

Culminating Experience (3 credit hours)
GIS 693 Applied Project (3) or
GPH 693 Applied Project (3)

Additional Curriculum Information
Other Requirement coursework may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's degree in a related field from a regionally accredited institution or a bachelor's degree in any field from a regionally accredited institution if they demonstrate a minimum of three years of related professional experience.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must prepare a formal, written personal statement regarding relevant academic experience, professional experience and overall interest in GIS.

Letters of recommendation must be from two people who can attest to the applicant's academic and professional achievements. Letters can be from any combination of current or former instructors, supervisors or professionals currently employed within the GIS field or a related discipline.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in geospatial information science are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in geographical data science, mapping and data analysis are valuable to businesses and institutions that rely on data-driven approaches to solve complex practical problems.

Graduates are prepared for careers in private and public industry. Employees with these skill sets are needed for a wide variety of positions, such as software developer, GIS analyst, mapping engineer, real estate researcher and more. Additional career examples include:

- cartographer or photogrammetrist
- geospatial information scientist or technologist
- geospatial intelligence analyst
- mapping technician
- remote sensing scientist or technologist
- software developer

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/degree/graduate/geographic-information-systems-mas
SGSUP.gradprograms@asu.edu
480-965-7533

Geography, MA (LAGEOGMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Arts program in geography is designed to offer specialized academic and professional training in geography, enabling students to secure a sound graduate background for further coursework or for immediate employment. The program has sufficient flexibility to accommodate individual needs and interests, allowing students to create a plan of study that fits their personal and professional goals.

In addition to innovative coursework, the state-of-the-art research centers, Spatial Analysis Research Center and Urban Climate Research Center offer students the opportunity to work with exceptional faculty on diverse research projects. Students can work alongside some of the brightest minds in geography, including four members of the National Academy of Sciences and rising talent in the fields of urban heat island research, GIS and more.

Students earning the MA in geography can build a path of knowledge that reflects their personal interests within the realms of geography. Students benefit from a wide variety of coursework and research opportunities in four broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

• computational spatial science
• earth systems and climate science
• place, identities and culture
• sustainability science and studies

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Geography, BA

Geography (Meteorology-Climatology), BS

Geography, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required capstone course (GPH 597)

Required Core (3 credit hours)
GCU 585 Geographic Research Design and Proposal Writing (3) or
GCU 596 Geographic Research Methods (3)

Other Requirements (8 credit hours)
GCU 528 Geographic Problems and Context (3) or GCU 529 Contemporary Geographic Thought (3)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)
methods and statistics course (3)

Electives (13 or 16 credit hours)

Culminating Experience (3 or 6 credit hours)
GCU 599 Thesis (6) or GPH 599 Thesis (6)
GPH 597 Geography Capstone (3)

Additional Curriculum Information
Coursework and research hours are selected by the student in consultation with an advisory committee. The program recognizes that other graduate-level courses are offered at ASU. Advanced topics are often taught in omnibus courses, which have rotating content that is not reflected in their titles. Students may include these courses in their curriculum with approval of the program directors.

The Other Requirements course Seminar: Geography Colloquium is taken twice, once in each of the first two semesters of the program, for one credit hour each. Other courses may be used with approval of academic unit. For the methods and statistics course requirement, students should consult with the academic unit for eligible courses.

Students take 13 credit hours of electives for the Culminating Experience thesis option, and 16 credit hours of electives for the nonthesis option.

Up to six credit hours of 400-level coursework may be applied toward the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement must address three items:
• What area of geography does the applicant wish to pursue, and why?
• What aspects of the applicant's education (a description is needed) will enable the student to pursue this specialty?
• What additional training does the applicant believe can be obtained at ASU to realize their educational and career goals?

Applicants may also include in the personal statement any other information they feel should be considered in their application for admission (e.g., research experience or information that might be drawn from the applicant's resume).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/geography-masters/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze the journal research literature in the different subfields (physical, human, environmental) in geography.
Conduct an analysis of a research problem in geography.
Analyze the spatial dimensions of a subfield of geography

Career opportunities

Professionals with expertise in geographical sciences research, theory and practice are in high demand across sectors and industries, including consulting firms, government agencies, community organizations, and public and private research facilities. Skills in geographical data analysis, mapping and climate science are valuable to businesses and institutions that rely on research-based approaches to solve complex problems.

Some graduates of the program pursue doctoral degrees.

Career examples include:

environmental scientist or specialist
geographic information systems technician
geological materials technician
geophysical data technician
geoscientist
geospatial information scientist or technologist

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/degree/graduate/geography-ma
SGSUP.gradprograms@asu.edu
480-965-7533

Geography, PHD (LAGEOGPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The specialized academic and professional training that students receive in the Doctor of Philosophy program in geography is sound graduate background for further specialization or for immediate employment. The program has sufficient flexibility to allow for individual needs and interests, enabling students to create a plan of study that fits their personal and professional goals.

In addition to innovative coursework, the state-of-the-art Spatial Analysis Research Center and Urban Climate Research Center offer students the opportunity to work with exceptional faculty on diverse research projects. Students have the opportunity to work alongside some of the brightest minds in geography, including four members of the National

Academy of Sciences and rising talent in the fields of climate science, sustainability and environmental science, urban heat island research, GIS and more.

Students in the program can build a path of knowledge that reflects their personal interests within the realms of geography. Students benefit from a wide variety of coursework and research opportunities in four broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

• computational spatial science
• earth systems and climate science
• place, identities and culture
• sustainability science and studies

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
GCU 585 Geographic Research Design and Proposal Writing (3)

Electives or Research (43 credit hours)

Methods or Statistics Electives (6 credit hours)

Skills Electives (6 credit hours)

Specialization Electives (9 credit hours)

Other Requirements (5 credit hours)
GCU 529 Contemporary Geographic Thought (3)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)
GCU 591 or GPH 591 Seminar: Geography Colloquium (1)

Culminating Experience (12 credit hours)
GCU or GPH 799 Dissertation (12)

Additional Curriculum Information
Doctoral students entering with a bachelor's degree must complete 84 credit hours: 72 credit hours of coursework and research at ASU, and 12 dissertation credit hours.

Doctoral students entering with a master's degree must complete 54 credit hours: 42 credit hours of combined coursework and research at ASU, and 12 dissertation credit hours.

Coursework and research hours are selected by the student in consultation with an advisory committee. The program recognizes that other graduate-level courses are offered at ASU; advanced courses are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their curriculum with approval of the program directors.

The Other Requirements course Seminar: Geography Colloquium, is taken twice, once in each of the first two semesters of the program, for one credit hour each. Other courses may be used with approval of academic unit.

Up to six credit hours of 400-level coursework may be applied toward the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Incoming students must demonstrate or attain competence in cartography and quantitative methods and complete other basic coursework that will enable them to pursue graduate studies in their area of specialization.

The personal statement must address four questions:
• What specialty in geography does the applicant wish to pursue, and why?
• What aspects of the applicant's education (a description is needed) will enable them to pursue this specialty?
• What additional training does the applicant believe can be obtained at Arizona State University to realize their educational and career goals?
• What other information does the applicant feel should be considered in their application for admission? Examples include research experience or information that might be drawn from the applicant's resume.

Letters of recommendation must be from three faculty members who can attest to the applicant's academic achievements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Write a scholarly literature analysis associated with a geographical research question for their doctoral research.
Write dissertation proposal that is in a format consistent with guidelines established by the NSF Doctoral Dissertation Award grant.
Apply appropriate advanced research methodology in geographic research sciences.

Career opportunities

Professionals with expertise in geographical sciences research, theory and practice are in high demand across sectors and industries, including institutions of higher education, consulting firms, government agencies, research facilities and community organizations. Skills in geographical data analysis, mapping and climate science are valuable to businesses and institutions that rely on research-based approaches to solve complex practical problems.

Career examples include:

atmospheric, earth, marine or space sciences professor or instructor
environmental scientist or specialist
geographic information systems technician
geophysical data technician
geoscientist
geospatial information scientist or technologist

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/degree/graduate/geography-phd
SGSUP.gradprograms@asu.edu
480-965-7533

Geological Sciences, MS (LAGEOSCMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The MS program in geological sciences is designed to provide fundamental graduate training in geology. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (22 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Culminating Experience (6 credit hours)
SES 599 Thesis (6)

Additional Curriculum Information
Substitutions for courses listed as Other Requirements may be made per department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admissions application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically analyze and apply advanced geological concepts to investigate processes shaping the interior and surface of the Earth and other planetary bodies by evaluating geoscientific data and producing original research.
Apply advanced analytical, modeling, and/or field-based methods to investigate geological and/or planetary problems.
Conduct independent research that demonstrates the ability to critically evaluate geological and/or planetary data.

Career opportunities

Graduates of the program are prepared for further graduate study or for careers in geochemistry, field geology, geomorphology, structure and tectonics, mineralogy and petrology, geophysics, planetary geology, hydrology, volcanology, Earth observation and remote sensing, and related areas, including geoscience education.

Professionals with expertise in geological sciences are in high demand across sectors and industries, including remote sensing, natural resource management, data science, economic geology (oil and mining industries), environmental consulting, hazard and risk assessment, geophysics and planetary science. Coding and numerical modeling skills translate across many domains, even beyond geosciences. Skills in the measurement and analysis of data related to the physics, chemistry and structures of the Earth and of planetary systems are valuable to businesses and institutions relying on data-driven strategies to interact with the planet and explore beyond the Earth.

Career examples include:

- data scientist
- environmental consultant
- GIS or mapping specialist
- materials analyst
- planetary scientist
- research geologist

Some students go on to doctoral programs in the field of geological sciences.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Geological Sciences, PHD (LAGEOSCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in geological sciences is designed to develop creative scholarship in the terrestrial and planetary geosciences. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (70 credit hours)

Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Substitutions for courses on the "other requirements" list may be made per department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate literature and current research in the field of geological sciences as it relates to their own research.
Conduct independent, original scientific research and draw scientific conclusions that advances knowledge in the geological sciences.
Effectively communicate complex scientific concepts, research findings, and their implications to diverse audiences, including scientific peers, industry professionals, and the public.

Career opportunities

Graduates are prepared for academic and professional careers in geological science fields such as geochemistry, field geology, geomorphology, structure and tectonics, mineralogy and petrology, geophysics, planetary geology, hydrology, volcanology, Earth observation and remote sensing, and related areas, including geoscience education.

Professionals with expertise in geological sciences are in high demand across sectors and industries, including remote sensing, natural resource management, data science, environmental consulting, economic geology (oil and mining industries), hazard and risk assessment, geophysics and planetary science. Coding and numerical modeling skills translate across many domains, even beyond geosciences. Skills in the measurement and analysis of data related to the physics, chemistry and structures of earthly and planetary systems are valuable to businesses and institutions that rely on data-driven strategies to interact with the planet and explore beyond Earth. The doctoral degree in geological sciences is required for careers in postsecondary education and research.

Career examples include:

- data scientist
- environmental consultant
- geologist
- geosciences professor
- instrument builder
- planetary scientist
- program manager
- research scientist

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

German, MA (LAGERMMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program is not currently accepting applications.

Program description

The Master of Arts program in German offers students professional training in German linguistic, literary and cultural studies through courses and supervision of research that culminate in an applied project or thesis.

In consultation with their advisor, students arrange their coursework around one of three focus areas: literature, comparative literature, or language and culture. The program is designed to equip students to become independent and creative professionals as they broaden their knowledge of Germany as one of the world's leading economies, cultural contributors and human rights advocates.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (GER 593)

The plan of study for the master's degree includes a minimum of 30 credit hours of graduate-level work and a thesis or an applied project, as approved by the candidate's supervisory committee. The program must include a 500-level bibliography and research methods course offered by the school. When approved by the candidate's supervisory committee, nine credit hours in another language or in closely related courses may be included in the program.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in German from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Those who lack a degree in a related field but who show strong potential and meet the Graduate College admission requirements may be admitted on a provisional basis.

The writing sample should represent the applicant's thinking as well as their writing skills, and it should be written in German on a topic pertaining to the German language or culture.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with the valued skills developed in this degree program can confidently move into academic, business, diplomatic, government and international fields.

Career examples include:

area, ethnic and cultural studies teacher or professor
foreign language and literature teacher or professor
historian
interpreter or translator
lawyer
reporter or correspondent
social or community service manager

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degrees/graduate
silc@asu.edu
480-965-6281

Global Health, MA (LASSHMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Applications for the Master of Arts program in global health are only accepting for the Accelerated Master's program.

Program description

In this Master of Arts program, global health is considered to be much more than, and very different from, international public health. It emphasizes that major health challenges stem from many factors well beyond disease itself --- factors that are cultural, ecological, evolutionary, historical, institutional, social and technological.

Any effective, sustainable solutions to the most pressing global health challenges need to take all these factors into account, including the complex ways in which they relate to each other. In this manner, this degree program teaches students to understand health challenges not simply as a product of disease, but as emerging in the contexts of complex and interrelated ecology, politics, history, culture, social institutions and evolutionary biology. It also places primacy on how to address the broader bases of ill health (i.e., structural, cultural) in complicated, ever-changing health challenges in low-resource community settings and a globalizing world. To do this, the program combines social and life science theories with on-the-ground research and its application. There is a strong emphasis on collaborative action as key to identifying and addressing global health problems in a sustainable and meaningful way.

Students accepted to the program are tied to ongoing transdisciplinary global health projects that address complicated, multifaceted health challenges that defy easy fixes, such as climate change-related diseases, emerging infectious diseases and obesity.

By applying a collaborative, problem-solving format, the master's degree program in global health is intended to provide those planning to enter health or related fields (i.e., environmental, social) with the transdisciplinary orientation, team skills and social and cultural acuity that the Pew Health Professions Commission, among others, has identified as critical but lacking in current health workforce training. The program also emphasizes experiential learning as a way to gain mastery and requires participation in a global internship program based in one of the international partnering communities.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Health, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (SSH 593)

Required Core (3 credit hours)
ASB 510 Health: Social and Biocultural Theories (3)

Open Electives (6 credit hours)

Restricted Electives (6 credit hours)
ASB 580 Practicum (1-6)

ASB 583 Fieldwork (1-6)
ASB 584 Internship (1-6)

Other Requirements (9 credit hours)
ASB 500 Research Methods (3)
ASB 503 Medical Anthropology (3)
SSH 591 Seminar: Principles of Epidemiology for Global Health (3)

Culminating Experience (6 credit hours)
SSH 593 Applied Project (6)

Additional Curriculum Information
For restricted electives, students complete at least six credit hours from the list above.

Substitutions may be permitted by the graduate director for other requirement and restricted elective coursework. Additional methods-focused courses or graduate-level epidemiology courses can count toward these requirements.

Applied projects are completed in consultation with a faculty advisor. Students may use the fieldwork, internship or practicum experience as part of the research for the applied project.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned, from a regionally accredited institution, a bachelor's or master's degree in the social or life sciences (i.e., anthropology, sociology, gender studies, geography, political science, or public health or related fields, such as nutrition or human biology).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants may submit with their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Admission is competitive and based on student academic excellence, additional relevant experience, and fit with available faculty. Value is placed on foreign language skills; practical, cross-cultural and international experiences; and prior social science and life science research.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with specific skills. The program supports the goals of those pursuing careers in academic research teaching and health services. Sample employment venues include:

- government agencies
- health departments
- international agencies (World Health Organization, Centers for Disease Control and Prevention, Global Health Council, World Bank, Inter-American Development Bank)
- nongovernmental organizations
- private sector entities
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for appropriately skilled professionals to work in cross-cultural settings or with underserved populations such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/global-health-ma
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Global Health, MS (LASSHMS)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Master of Science program in global health in the School of Human Evolution and Social Change exposes students to a comprehensive understanding of the factors that lead to morbidity around the world, including ecological, political, cultural, institutional, historical, evolutionary, social and technological factors. This program equips students with the necessary skills to create effective, sustainable and culturally appropriate approaches to prevent, assess and mitigate disease as well as to critically assess the work of others in their professional environments.

The program helps learners to cultivate professional practice through focus on application of technical knowledge into professional settings by integrating recognized global health competencies.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Anthropology, BA

Global Health, BS

Global Health, BA

Anthropology, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio

Required Core (3 credit hours)
ASM 503 Evolutionary Medicine and Global Health (3)

Restricted Electives (12 credit hours)
ASB 455 Practicum for Social Sciences (3)
ASB 457 Global Mental Health (3)
ASB 462 Medical Anthropology: Culture and Health (3)
ASB 494 Topic: Ethnic Disparities and Health (3)
ASB 500 Topic: Qualitative Data Analysis (3)
ASB 500 Topic: Research Design in Global Health (3)
ASB 504 Global Health Policy (3)
ASB 507 Advanced Evolutionary Medicine (3)
ASB 510 Health: Social and Biocultural Theories (3)
ASB 526 Survey Topics in Global Nutrition (3)
ASB 548 Maternal and Child Health (3)
ASB 598 Topic: Epidemiology in Context (3)
ASB 598 Topic: Monitoring, Evaluating and Learning for Global Health Programs (3)
ASB 598 Topic: One Health (3)
ASB 598 Topic: Narrative and Science Engagement (3)
ASB 598 Topic: Reproductive Ecology (3)

Electives or Research (12 credit hours)

Other Requirement (3 credit hours)
ASB 584 Internship (3)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
For restricted electives, students complete at least 12 credit hours from the list above.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• written statement
• two letters of recommendation
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students who have graduated from programs in anthropology, biology, public health, applied mathematics, statistics or in a related social science degree may be particularly well positioned for this program. Applicants with previous degrees in other fields should address in the written statement how their previous studies have prepared them for this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-global-health-ms/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Articulate strategies to address the social, economic, and environmental determinants of health.
Appraise the strength of evidence for shaping policy and programmatic decisions.
Apply the standards of professional practice and ethics to their collaboration with partners and stakeholders during their applied global health internship in a domestic or international setting.

Career opportunities

Nationally and internationally, the health field provides varied career opportunities, and demand is growing for graduates with specific skills. The program supports the goals of those pursuing careers in academic research, programming, teaching and policy. Sample employment venues include:

data analyst
learning specialist

program manager
research associate
technical advisor

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/global-health-ms
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Global Health, PHD (LASSHPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in global health draws on the premise that sustainable and satisfying solutions to the most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes and disease are really related.

This transdisciplinary graduate program trains students broadly in health social science research theory and methods. The program leverages the strength of ASU's medical anthropology programming and 15 medical anthropologists, and it has the advantage of accessing an exceptionally wide set of skills offered by those in such fields as medical sociology, demography, human geography and epidemiology.

Some particular thematic foci of the program are biocultural approaches to human coping, computer-based complexity modeling, culture and health, health in the Americas, and Indigenous and minority health, as well as mathematical epidemiology, nutritional anthropology, social justice and vulnerable populations, social networks, and urban and environmental health.

The program draws some 80 faculty members from throughout the university to consider how cutting-edge social science can be applied to understand and substantively improve the health of populations. The program favors community-based research in communities of all sizes and types, from hunter-gatherer communities to large U.S. cities, and runs collaborative projects in which students are encouraged to gain experience and conduct research.

Students generally enter the program with a master's degree in a relevant field.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
ASB 510 Health: Social and Biocultural Theories (3)

Electives (39 credit hours)

Other Requirements (18 credit hours)
ASB 500 Research Methods (3)
ASB 501 Professionalism (3)
ASM 579 Proposal Writing (3)
SSH 591 Topic: Principles of Epidemiology for Global Health (3)

systematic methods courses (6)

Research (12 credit hours)
ASB 792 Research (12)

Culminating Experience (12 credit hours)
ASB 799 Dissertation (12)

Additional Curriculum Information
For electives, students should see the academic unit for a course list approved by the chair.

Other requirement coursework may be substituted with the approval of the academic unit. At least two systematic methods courses in an area other than epidemiology or biostatistics and ethnography should be selected, such as nutrition, survey, archival analysis, demography or geographic information systems.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Suitable backgrounds for admission include a master's degree in the social sciences (e.g., anthropology or sociology), public health, human biology or related fields. Students who enter directly from a bachelor's degree program should have completed at least 15 credit hours of social science and six credit hours of human biology or equivalent at the senior level and should have some background in statistics or epidemiology.

Applicants may submit with their application materials an optional scholarly writing sample, not to exceed 30 double-spaced pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with specific skills. The program supports the goals of those pursuing careers in academic research teaching and health services. Sample employment venues include:

health departments
government agencies
international agencies (World Health Organization, Centers for Disease Control and Prevention, Global Health Council, World Bank, Inter-American Development Bank)
nongovernmental organizations
private sector
universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

dentistry
medicine
nursing
pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations, such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/global-health-phd
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Global Security (Cybersecurity), MA (LAGSCSECMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Master of Arts program in global security with a concentration in cybersecurity prepares students for a rapidly expanding field, with a focus on the complex relationship between cybersecurity and global politics. Students learn from top faculty, including global thought leaders, seasoned scholars and skilled practitioners. Classes integrate case studies, policy exercises and critical thinking to prepare students for career advancement.

The cybersecurity concentration is a distinct element within the MA program in global security, engaging cyber issues from an interdisciplinary perspective with a focus on global security.

This nontechnical program provides students with relevant and continually updated coursework, enabling them to understand of the complex risks, threats and modes of protection and response associated with cybersecurity. This

program is more theoretical in nature and uses practical, relevant examples. Students may progress at a variety of paces and can pursue the degree while working full time or part time.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Political Science, BA

International Relations, BA

Global Studies, BA

Applied Military and Veterans Studies, BA

Political Science, BS

International Relations, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (GSC 550)

Required Core (3 credit hours)
GSC 501 War, Conflict and Security (3)

Concentration (12 credit hours)
GSC 560 Overview of Cybersecurity (3)
GSC 561 Cybersecurity Threats and Trends (3)
GSC 562 Cybersecurity, Global Politics and Resiliency (3)
GSC 563 Cybersecurity Planning and Strategy (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
GSC 550 Capstone (3)

Additional Curriculum Information
For electives, students take coursework from a restricted list, for a total of 12 credit hours. Students should contact the academic unit for the approved course list. Other coursework may be used with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• curriculum vitae or resume
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must submit at least one letter of recommendation for admission. Applicants may submit additional letters.

The application requires a two- to three-page personal statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Career opportunities

Graduates have the grounded and relevant understanding of major global trends and critical analytic skills that enhance their capacity to succeed in multiple career paths related to domestic and international security.

Example career areas include:

conflict zone and postwar reconstruction
consulting
global security intelligence (public and private sector)
humanitarian and human rights advocacy
policy analysis
regional affairs
risk assessment (public and private sector)
U.S. military advancement

Contact information

School of Politics and Global Studies | COOR 6801
https://spgs.asu.edu/degree/graduate/global-security-cybersecurity-ma
spgs@asu.edu
480-965-8563

Global Security (Irregular Warfare), MA (LAGSCIWMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The irregular warfare concentration enables students in the Master of Arts program in global security to focus their studies on components of irregular warfare, including proxy wars, counterinsurgency, narrative warfare and other features of modern conflict. Students learn from top faculty, including international leaders in the field, seasoned scholars and skilled practitioners.

The courses in this program provide students with a relevant and continually updated understanding of the increasingly important role played by irregular warfare in the complex and competitive global security environment. This program balances the theoretical and practical aspects of irregular warfare through rigorous scholarly work with historical and contemporary case studies, and classes integrate case studies, policy exercises and critical thinking to prepare students for career advancement.

Students progress at their own pace; the program can be completed in one year or over a six-year period. Students may pursue the degree while working full time or part time.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Political Science, BA

International Relations, BA

Global Studies, BA

Applied Military and Veterans Studies, BA

Political Science, BS

International Relations, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (GSC 550)

Required Core (3 credit hours)
GSC 501 War, Conflict and Security (3)

Concentration (12 credit hours)
GSC 510 Governance in Post-conflict and Transitional Contexts (3)
GSC 511 Terrorism and Insurgency (3)
GSC 571 Narrative Conflict (3)
GSC 572 Proxy Warfare, Strategic Thinking, History and Operational Arts (3)
GSC 573 Understanding Great Power Competition (3)
GSC 598 Special Topics

Restricted Electives (12 credit hours)

Culminating Experience (3 credit hours)

GSC 550 Capstone (3)

Additional Curriculum Information
For electives, students take coursework from a restricted list for a total of 12 credit hours. Students should contact the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• personal statement
• professional resume
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement must be two to three pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/irregular-warfare-global-security-ma/) for program descriptions and to request more information.

Career opportunities

Graduates have a grounded and relevant understanding of major global trends as well as critical analytic skills, improving their capacity to succeed in multiple career paths related to domestic and international security.

Career area examples include:

conflict zone and postwar reconstruction
consulting for private, public and nongovernmental organizations acting in conflict zones
global security intelligence (public and private sector)
military advancement

risk assessment (public and private sector)
security policy analysis

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/degree/graduate/global-security-ma
spgs@asu.edu
480-965-8563

Global Security and Competitive Statecraft (Certificate), Certificate (LAGSCSGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The graduate certificate program in global security and competitive statecraft is an interdisciplinary program that trains students to critically engage contemporary international security issues in a comprehensive manner.

The program is based on four key pillars: enabling innovative strategic thinking, developing analytic tools, supporting critical interdisciplinary engagement, and encouraging flexible and resilient approaches to the inherently complex challenges of current and future global security.

Program faculty have extensive experience as practitioners in the field of security and foreign policy. They bring their deep understanding of the issues to rigorous and interesting coursework that enables students to develop a sophisticated understanding of the complex global, political environment in which political actors compete.

Students may pursue the certificate from anywhere in the world, and study while working full time or part time.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
GSC 512 Global Trends (3)

Restricted Electives (12 credit hours)
GSC 503 Future of War (3)
GSC 509 Emerging Technologies and Global Security (3)
GSC 561 Cybersecurity Threats and Trends (3)
GSC 571 Narrative Conflict (3)
GSC 572 Proxy Warfare, Strategic Thinking, History and Operational Arts (3)
GSC 573 Understanding Great Power Competition (3)
GSC 574 Security and the Global Economy (3)
GSC 598 Special Topics (3)
IAL 504 U.S. Diplomacy in Action: The Embassy Country Team (3)
IAL 505 Key Issues in Today's Global Economy (3)

Additional Curriculum Information
For restricted electives, students take four courses from the restricted list, for a total of 12 credit hours. Students should contact the academic unit for eligible GSC 598 topics. Other GSC and IAL courses may be used with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• one letter of recommendation
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must submit at least one letter of recommendation for admission; they may submit additional letters.

The application requires a one- to three-page personal statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-global-security-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Formulate a position on a contemporary global security issue that acknowledges the complexity and diversity of security challenges, highlighting the need for flexible and resilient strategies.
> Critically analyze contemporary trends and how they impact the global security environment.

Career opportunities

This certificate is designed to aid professional advancement in government, military, nonprofit and private sector careers.

Graduates have achieved timely and authoritative practitioner insights into the complexity of the contemporary global security environment. They also have developed critical analytic skills, improving their capacity to succeed in multiple

career paths related to domestic and international security.

Career area examples include:

global security strategist (public and private sector)
intelligence and risk assessment analyst (public and private sector)
policy analyst
security consultant

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs@asu.edu
480-965-8563

Global Security, MA (LAGSCMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Master of Arts program in global security is an interdisciplinary, fully online program designed to aid professional advancement in government, military, nonprofit and private sector careers. Students are trained to critically engage international security issues in a comprehensive manner.

The MA program in global security is based on four key pillars: enabling innovative strategic thinking, developing analytic tools, supporting critical interdisciplinary engagement, and encouraging flexible and resilient approaches to the inherently complex challenges of current and future global security.

Students may pursue the master's degree from anywhere in the world, study while working full time or part time, and advance at their own pace.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Political Science, BA

International Relations, BA

Global Studies, BA

Applied Military and Veterans Studies, BA

Political Science, BS

International Relations, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (GSC 550)

Required Core (3 credit hours)
GSC 501 War, Conflict and Security (3)

Electives or Research (24 credit hours)

Culminating Experience (3 credit hours)
GSC 550 Capstone (3)

Additional Curriculum Information
For electives, students take eight courses from a restricted list, for a total of 24 credit hours. Students should contact the academic unit for the approved course list. Other coursework may be used with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letters of recommendation
• resume or curriculum vitae
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must submit at least one letter of recommendation for admission; additional letters may be submitted.

The application requires a two- to three-page personal statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-global-security/) for program descriptions and to request more information.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of three leading research universities from three continents --- Arizona State University, King's College London and UNSW Sydney --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

Graduates have a grounded and relevant understanding of major global trends and critical analytic skills, improving their capacity to succeed in multiple career paths related to domestic and international security.

Career area examples include:

conflict zone and postwar reconstruction
consulting
global security intelligence (public and private sector)
humanitarian and human rights
policy analysis
regional affairs
risk assessment (public and private sector)
U.S. military advancement

Contact information

School of Politics and Global Studies | COOR 6675
https://spgs.asu.edu/degree/graduate/global-security-ma
spgs@asu.edu
480-965-8563

History and Philosophy of Science, PHD (LAHPSCIPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The history and philosophy of science is an interdisciplinary field that traces its origin to foundational works such as Thomas Kuhn's "Structure of Scientific Revolutions." The field is based on the idea that the best way to understand science is to study how it changes over time, along with careful analysis of its concepts, theories and practices.

The Doctor of Philosophy program in history and philosophy of science combines training in the core areas of history and philosophy of science with an emphasis on interdisciplinary studies of the sciences, including:

• computational history and philosophy of science
• conceptual foundations of biology, including evolution ecology, genetics and development
• general philosophy of science and epistemology
• history and philosophy of applied ethics and science policy
• history of 19th- and 20th-century biology

The program is especially appropriate for students with an undergraduate or master's degree in philosophy, history, or the sciences and for those who seek to broaden their disciplinary studies. Science students who have not taken relevant undergraduate humanistic core courses can make up these courses during their first years in the program.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
HPS 615 Biology and Society Lab (3)
HPS 620 Research Prospectus Writing (3)

Restricted Program Electives (30 credit hours)

Program Electives (24 credit hours)

Research (12 credit hours)
HPS 792 Research (12)

Dissertation (12 credit hours)
HPS 799 Dissertation (12)

Additional Curriculum Information
An individual student program is developed in consultation with the student's advisor and committee.

HPS 615 Biology and Society Lab is a one credit hour course focused on student presentations of works in progress. Students must complete it three times during their graduate study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution of recognized standing in a related field such as history, philosophy, or history and philosophy of science, as well as a demonstrated background and interest in one or more sciences.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to articulate an understanding of current literature on scientific developments and their relevance to society in scholarly writing.
Able to contribute to original history and philosophy of science research in scholarly writing.
Able to communicate history and philosophy of science research results in presentations.

Career opportunities

A doctorate in history and philosophy of science provides strong preparation for academic careers at every level, from community colleges to research universities, including research, teaching, administration and science communication. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for health, agriculture, conservation and education policy and management, and for careers in industry and nongovernmental organizations.

Career examples include:

lawyer
medical writer or editor
professor or instructor at a university or college
researcher analyzing health care, environmental or educational systems in an academic, government, nonprofit, private or industrial organization
science communicator in an academic, private or industrial organization
science or social studies teacher in an elementary or high school
science policymaker or administrator

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/history-and-philosophy-of-science-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

History, MA (LAHISTMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Arts program in history combines classes taught by ASU's distinguished faculty in an online or in-person environment with an emphasis on the development of analytical and communication skills. It offers engaging content that deepens students' knowledge of history while developing their core competencies, which are applicable in a variety of settings. Students graduate from the program with an enhanced ability in finding and analyzing information, planning and organizing projects, and writing and speaking effectively.

The MA program in history offers studies in North American, European, public and global comparative history, and it

provides students with opportunities for professional development through colloquia, internship experiences and conference attendance.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

History, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (HST 593), or
30 credit hours including the required capstone course (HST 597)

Required Core (6 credit hours)
HST 640 Historical Methods (3)

Pick one of the following:
HST 502 Public History Methodology (3)
HST 641 North American History (3)
HST 643 Global History (3)

Electives (12 credit hours)

Other Requirements (6 or 9 credit hours)
HST 500 Research Methods (3) and
HST 598 Special Topics (3) or
HST 500 Research Methods (3) and
HST 591 Seminar (3) and
HST 598 Special Topics (3)

Culminating Experience (3 or 6 credit hours)
HST 593 Applied Project (3) or
HST 597 Capstone (3) or
HST 599 Thesis (6)

Additional Curriculum Information
There are two options for the master's degree program in history: the thesis option (for in-person students only) and the nonthesis option. The thesis option requires 30 total credit hours of coursework, including six credit hours of HST 599 Thesis, three credit hours of HST 500 Research Methods, three credit hours of HST 598 Special Topics and 18 credit hours of coursework.

The nonthesis option requires 30 total credit hours, including three credit hours of HST 593 Applied Project or HST 597 Capstone, three credit hours of HST 500 Research Methods, three credit hours of HST 591 Seminar, three credit hours of HST 598 Special Topics and an additional 18 credit hours of coursework.

Online students must complete HST 597 Capstone, and may not take HST 599 Thesis or HST 593 Applied Project as their culminating experience.

For elective coursework, students should refer to the unit for a list of approved courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.30 or higher.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• writing sample
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The history program requires a TOEFL iBT score of at least 90.

All applications are reviewed by multiple ASU faculty members and assessed holistically to determine if they demonstrate the capacity to succeed in a rigorous and writing-intensive graduate program. This decision is made on the basis of prior coursework in history and other social sciences, the quality of the writing sample, the statement of purpose, and the letters of recommendation. Prior coursework in history is not a requirement, but in such cases, applicants should have a strong writing sample that demonstrates their ability to engage in historical analysis. In cases where applicants do not have a suitable writing sample or demonstration of past success in historical coursework, they are encouraged to take one or two classes as a nondegree-seeking student and then apply.

Applicants are required to provide a minimum of two professional letters of recommendation, but a maximum of three letters of recommendation may be included. Recommenders should be faculty members familiar with the applicant's academic abilities but may also be work supervisors who are able to speak to the applicant's ability to succeed in a graduate program.

The statement of purpose, about 500 words in length, should be addressed to the history admission committee and should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, and why the applicant wants to pursue graduate study at ASU. It is not necessary to specify a research topic, but if an applicant has one in mind, they should include it in the statement of purpose.

The writing sample may be an article (published or unpublished), a research paper or any other extended sample of expository writing no longer than 35 pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents and files should not be password protected. Acceptable file types are .rtf, .pdf and .doc.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-history/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will gain proficiency in historical methods and demonstrate nuanced understanding of different historical lenses and interpretive frameworks.
Students will be able to conduct and defend original historical research.
Students will demonstrate successful attainment of program goals in research and historiography.

Career opportunities

Graduates acquired advanced historical thinking skills as well as other skills employers consistently identify as highly valuable, including effective oral and written communication, critical thinking and problem-solving.

Graduates possess the fundamental training needed for careers in research, teaching, public history, government service and a host of other positions in the public, private and nonprofit sectors. They serve as first-rate historians, highly qualified teachers at the elementary and secondary levels and community colleges, researchers and consultants, archivists, foreign service officers, management professionals, community organizers and public servants.

Other career examples include:

business executive
college instructor
diplomat
editorial and publishing professional
museum director and staff
nonprofit director
research professional
teacher

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu/degree/graduate/history-ma
SHPRSGradInfo@asu.edu
480-965-5778

History, PHD (LAHISTPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in history offers outstanding opportunities for graduate study in North American, European, public and global-comparative history.

The School of Historical, Philosophical and Religious Studies' world-class faculty members deliver courses and individualized mentoring in a wide variety of historical topics, such as urban history, environment and sustainability studies, politics and policy, immigration, gender, race and ethnicity, and comparative history. In addition, history PhD students are strongly encouraged to take advantage of the numerous collaborative opportunities throughout the university in ASU's many innovative schools and centers.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (16 credit hours)
HST 502 Public History Methodology (3)
HST 640 Historical Methods (3)
HST 641 North American History (3)
HST 643 Global History (3)
HST 644 Area Studies in History (3)
HST 682 Advanced Research Skill (1)

Electives and Research (44 credit hours)

Other Requirement (12 credit hours)
HST 591 Seminar (6)
HST 792 Research (6)

Culminating Experience (12 credit hours)
HST 799 Dissertation (12)

Additional Curriculum Information
In general, all credit hours must be at the 500 level or higher. Graduate credit may be awarded for 400-level courses; it must be approved in advance and documented in the student's file.

The doctoral program requires a minimum of 84 credit hours and may be completed in four to five years. Students with a master's degree may apply 30 credit hours toward the 84 required credit hours with approval of the academic unit and the Graduate College. If the student does not already have a master's degree in a related field, the remaining 30 credit hours are made up of electives and research to reach 84 credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.30 or higher.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The program requires a TOEFL iBT® score of at least 90. A student whose native language is not English also must submit a copy of an article or research paper in their native or principal research language, in addition to the English writing sample required of all students.

Students are required to submit a minimum of three email addresses of faculty or others qualified to speak to the student's suitability for graduate study in history. Letters of reference should be submitted by the recommenders in addition to the electronic reference form they are asked to complete.

The statement of purpose should be addressed to the history admission committee and explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, the proposed research specialization, and why the applicant wants to pursue graduate study at ASU; it should be about 500 words in length.

The writing sample, either published or unpublished, may be an article, a research paper, or any other extended sample of expository skill, and it must be no longer than 35 pages. Longer writing samples should not be submitted without first consulting the graduate director. Documents and files should not be password protected. Acceptable file types are .rtf, .pdf and .doc.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate mastery of three domains of historical knowledge as well as display expertise in their proposed topic of study
Accomplish meaningful contributions to the profession through accepted publications and presentations
Identify and complete applications for funding opportunities that can support their research

Career opportunities

Graduates have the foundational skills in research, writing, and communication and fundamental training needed for careers in research, archival work, higher education, teaching, public history, government service, and a host of other areas in the public, private and nonprofit sectors.

They serve as first-rate historians, highly qualified instructors at universities and two-year schools, researchers and consultants for business and government, archivists, foreign service officers, management professionals, community organizers and public servants. Other career examples include:

archivist
diplomat
editorial and publishing professional
K--12 school teacher

museum director or staff member
nonprofit director
university professor

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu/degree/graduate/history-phd
SHPRSGradInfo@asu.edu
480-965-5778

Holocaust and Genocide Studies (Certificate), Certificate (LAHGSGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The graduate certificate program in Holocaust and genocide studies recognizes the importance of studying the Holocaust and other acts of genocide in order to give students the necessary contextualization to educate others while offering ideas about representation, memorialization and commemoration. The certificate provides graduate students with the theoretical and historiographical grounding for understanding the Holocaust as a defining event and using it as a lens through which to examine other genocides in world history. Students analyze these acts in research seminars and engage in interdisciplinary explorations of genocides and their representations in society, examining oral histories and material culture.

The program also enables students to engage in experiential opportunities at public-facing organizations dedicated to Holocaust and genocide awareness and education.

STEM-OPT extension eligible: No

Degree requirements

18 credit hours

Required Core (3 credit hours)
HST 570 Readings in Holocaust and Genocide Studies (3)

Other Requirements (3 credit hours)
HST 454 History of Genocide (3) or
HST 571 Holocaust: Collaboration and Resistance (3) or
HST 598 Topic: Holocaust, War and German Memory (3)

Electives (12 credit hours)

Additional Curriculum Information
Other Requirements courses can be replaced with advisor approval. Students must see the unit for an approved list of elective topics.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• written statement
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be about 500 words in length; be addressed to the admission committee; explain the applicant's educational background and training, career goals, and familiarity with the study of the Holocaust and other genocides; and detail why the applicant is pursuing the certificate.

For the written statement, applicants are prompted to write a short response (500--800 words) to a question related to the study of genocide. This response serves to demonstrate to the committee the applicant's writing ability and potential for thoughtful participation in graduate coursework.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/holocaust-genocide-studies/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/students/graduate-students) is an option for graduate students. There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning. These study abroad courses are elective options for students.

The Holocaust and genocide studies certificate program offers a professional experience elective that takes place abroad. Students should consult with the academic unit directly for more information about this professional experience option.

Career opportunities

Graduates are prepared with the training needed for careers in education, research, teaching, government service, public history and a host of other positions in the public, private and nonprofit sectors. They serve as first-rate

historians, researchers and consultants, foreign service officers, management professionals, community organizers and public servants.

Other career examples include:

archivist
collections manager
college instructor
editor
museum coordinator
national parks historian and park ranger
nonprofit director
teacher

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu
SHPRSGradInfo@asu.edu
480-965-5778

Immigration Studies (certificate), Certificate (LAIMMSTUCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in immigration studies provides students with a holistic understanding of the historical, current and long-term causes and consequences of international migration as well as relevant professional and research training opportunities.

The objective of the certificate program is to offer traditional academic training through coursework, research and the practical experience of working with local immigrant and refugee communities.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

All students are required to take one core course, three approved elective courses on immigration, and three credit hours of a culminating experience (either an internship or a research project). Students are to contact the school for a list of approved courses.

Students may do an internship with Phoenix-based nongovernmental organizations or government agencies that provide services to immigrants and refugees. Such internships give students professional training and actual experience working with immigrant and refugee communities. Students are required to write a report describing the organization and their experience as interns.

Students may enroll in three credit hours of research with a faculty member to do an independent research project. They must write a substantial research paper based on field research in a local immigrant community, on library and archival research, or on readings on an immigration topic.

Certificate students may choose to specialize in humanities, Mexican and Latino immigrants in the U.S., or social sciences.

Given the nature of the immigration courses offered at ASU and the preponderance of Latino immigrant communities in the Phoenix area, the program emphasizes Latino immigration. However, students have the opportunity to take broader courses focusing on global migration and other immigrant groups, and work with local Asian or Southeast Asian immigrants and refugee communities.

For students currently enrolled in an ASU graduate degree program, applicable certificate courses may count toward their degree program with the approval and consent of the degree-granting program. For certificate students who are later admitted to an ASU graduate degree program, up to 12 credit hours from the certificate program may count toward their doctoral degree, or up to 12 credit hours may count toward their master's degree, with the approval and consent of the degree-granting program.

All requirements for the certificate program should be completed within three years, with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"). Students who require more time to finish the program, because of their part-time status or lack of desirable or available courses, must obtain approval from the executive committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• one letter of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Applicants may submit an optional scholarly writing sample, no longer than 30 double-spaced pages, with their application materials.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The demand in the job market is high for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data on human thought and behavior.

Graduates are prepared for future study in graduate and professional schools or for careers as immigration practitioners and advocates in local and federal government agencies, and private and public institutions that serve immigrant and refugee communities.

Career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- directing nonprofit organizations
- directing programs in the private or public sector

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/immigration-studies-certificate-cert
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Indigenous Education, MA (LAIEDMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Master of Arts program in Indigenous education provides students with advanced training in research, theory and practice focused on Indigenous education, policy and the complexities of the schooling process. It is designed for individuals working with Indigenous students or in Indigenous education programs who want to advance community-driven goals related to Indigenous education.

The schooling process, as explored in this program, examines how education systems function, including curriculum design, teaching methodologies, institutional structures, and their intersection with cultural and community contexts. Students develop a nuanced understanding of how these elements relate to Indigenous knowledge systems and values, enabling them to identify and address systemic challenges while fostering environments that affirm and uplift Indigenous identities and perspectives.

This fully online program allows students to expand their career opportunities and enhance their impact without interrupting their professional lives. Courses promote active engagement, facilitate the formation of educational alliances, and build collaborative relationships that sustain dynamic and innovative learning environments.

Designed to address real-world community needs, the program prepares graduates to drive meaningful change and make a lasting impact on the future of Indigenous education.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (IED 585)

Required Core (12 credit hours)
IED 502 Indigenous Knowledges in Education (3)

IED 503 Current Issues in Indigenous Education (3)
IED 510 Indigenous Education and Justice (3)
IED 530 Indigenous Language Revitalization (3)

Other Requirements (3 credit hours)
IED 501 Critical Indigenous Research Methodologies (3) or
IED 535 Indigenous Participatory Action Research (3)

Electives (9 credit hours)

Research (3 credit hours)
IED 592 Research (3)

Culminating Experience (3 credit hours)
IED 585 Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a related field, such as history, education, anthropology, sociology, ethnic studies, justice studies or political science, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal essay
• writing sample
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A selection committee comprising faculty members selects candidates based on their application materials and on their ability to succeed.

The two- to three-page personal essay should describe any prior research experience and training in education; the applicant's experience working with or for Indigenous communities; the professional goals and research interests of the applicant; and the fit between their interests and the program's emphases, requirements and coursework. If the applicant knows of any faculty who they would like to work with or whose research aligns with their interests, they

should indicate that in the personal statement as well.

The 12- to 15-page writing sample can include a relevant policy paper or report, or a research paper from an academic course.

The letters of recommendation should comment on the applicant's motivation, commitment, achievements, work experience and opportunity for success in the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/indigenous-education-ma/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Appraise and compose the parellels of historical Indigenous education and current schooling for American Indian students; using an evidence based approach to support their case.
Articulate the contradictions and complexities between Western schooling and Indigenous educational processes for Native nations.
Analyze research methods and methodologies through an Indigenous framework and compose their own research methodologies.
Design and articulate Indigenous knowledge system(s), as it relates to education and schooling in Indian country

Career opportunities

Graduates of the MA program in Indigenous education are well prepared for diverse career opportunities in roles that advance Indigenous education and community goals. Potential career paths include:

community development: leaders in nonprofits or tribal organizations driving educational initiatives
curriculum development: specialists designing culturally relevant educational materials and programs
educational leadership: directors or coordinators in Indigenous-serving schools, organizations or programs
higher education: instructors, program coordinators or student support roles in colleges and universities
policy advocacy: policy analysts or advisors focused on education and Indigenous affairs
research and consulting: experts conducting research or offering consultation on Indigenous education and policy

This program equips graduates with the skills to create meaningful change, enhance educational systems, and empower Indigenous communities.

Contact information

American Indian Studies Program | DISCVRY 356
https://americanindian.asu.edu
aisgradadvising@asu.edu
480-965-3634

Infant Family Practice, MAS (LACDEMAS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

This self-contained, accelerated Master of Advanced Study program in infant-family practice provides high-quality coursework and supervised internship experiences designed to train professionals to work in prevention and intervention programs serving families with infants, toddlers and preschool-age children.

Coursework prepares students for professional endorsement of the Infant/Toddler Mental Health Coalition of Arizona for culturally sensitive, relationship-based practice promoting infant mental health.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a portfolio

Required Core (12 credit hours)

Practicum (9 credit hours)

Other Requirements (6 credit hours)

Research (3 credit hours)

Additional Curriculum Information
The MAS in infant-family practice requires successful completion of a minimum of 30 credit hours and an applied project, including required coursework and an internship in a community placement approved by the faculty of the master's degree program in infant-family practice. Internships are expected to last approximately 12 months.

Students must meet the expectations of the agency supervising their internship.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field such as counseling, psychology, and family and human development.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a personal statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals familiar with the applicant's academic background.

GRE scores are not required for this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Many career paths are available to graduates with this degree. A few examples are:

- child abuse prevention
- child welfare
- early childhood education and child care administration
- early intervention
- family support
- home visiting
- infant and early childhood mental health

Contact information

Sanford School of Social and Family Dynamics | SS 144
https://thesanfordschool.asu.edu/
graduatesanford@asu.edu
480-965-6978

International Affairs and Leadership, MA (LAIALMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Master of Arts program in international affairs and leadership prepares students for international leadership roles in a dynamic learning environment led by senior international affairs professionals from the public and private sectors.

The program offers a distinct blend of leadership capacity development --- both theory and practice --- as well as substantive training focused on U.S. foreign policy decision-making, national security and international trade, and human rights and other key global issues. Courses are taught by experienced experts, including former U.S. ambassadors and three-star generals, with the goal of readying students to become leaders in the international affairs realm. Students have regular interactions with world-class professors and practitioners who help them learn how to shape the world in a meaningful and positive way.

The program is designed and led by the ASU Leadership, Diplomacy and National Security Lab and offered through the School of Politics and Global Studies.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Political Science, BA

International Relations, BA

Global Studies, BA

Political Science, BS

International Relations, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (IAL 560)

Required Core (9 credit hours)
IAL 501 Principles of Character-Driven Leadership (3)
IAL 502 The Making of U.S. National Security Policy (3)
IAL 503 Applied International Leadership: Case Studies (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
IAL 560 Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• professional resume
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

GRE or GMAT results are not required but can be submitted as additional application material. ASU does not accept the GRE® General Test at home edition.

Applicants should have a deep-rooted interest in international issues of the future and a desire to influence them through character-driven leadership within the context of an increasingly complicated, globalized world. Ideal candidates have previous leadership experience and plan to devote their careers to working with other cultures and nations across a variety of sectors. While an ideal candidate has previous experience traveling or living overseas or has studied a language other than English, candidates with no prior experience in these areas are also welcome to apply. International and domestic students are encouraged to apply.

Using the letter of intent, applicants should narrate their own leadership journeys and their motivations for further studies in the areas of international affairs and leadership. The letter of intent should describe the applicant's academic and professional interests to date, their reasons for pursuing a master's degree in international affairs and leadership, and how this advanced degree relates to their specific goals.

The application review panel also evaluates the applicant's writing skills. The writing sample could be an original essay or previously written research paper, essay, policy memo, or other document that demonstrates the applicant's writing and analytical skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/international-affairs-master-degree/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to succeed in a wide variety of international affairs professions. Opportunities include foreign policy positions at the U.S. State Department, the U.S. Department of Commerce, the U.S. Department of the Treasury, and the U.S. Department of Defense, and leadership positions in international organizations such as the United Nations, the World Bank and the Organization for Security and Co-operation in Europe.

Career opportunities include:

- Capitol Hill staff member
- foreign service officer
- human rights expert (nongovernmental organization, think tank, USG, etc.)
- international development expert (USAID, World Bank, etc.)
- military officer or noncommissioned officer in strategic, special or tactical operations

Contact information

School of Politics and Global Studies | COOR 6801
https://spgs.asu.edu/degree/graduate/international-affairs-and-leadership-ma
spgs@asu.edu
480-965-8563

Justice Studies, MS (LAJUSSTMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in justice studies is an innovative, interdisciplinary program that prepares students to work, research and advocate on behalf of social justice. Students study a wide variety of topics at the local, national and international levels, gaining the training needed for analyzing social, economic, cultural, political and legal inequalities and promoting pathways to more just societies.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Justice Studies, BA

Justice Studies, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (JUS 593)

Required Core (12 credit hours)
JUS 500 Research Methods (3)
JUS 501 Justice Theory (3)
JUS 509 Statistical Problems in Justice Research (3)
JUS 521 Qualitative Data Analysis and Evaluation (3)

Electives (12 credit hours)

Research (0 or 3 credit hours)
JUS 592 Research (3)

Culminating Experience (3 or 6 credit hours)
JUS 593 Applied Project (3) or
JUS 599 Thesis (6)

Additional Curriculum Information
Each student's program is developed in concert with the advisory committee. The required foundation courses provide students with a fundamental understanding of the theories, methods and analytic techniques associated with the study of justice.

To satisfy the thesis requirement for the degree, candidates must write a thesis and defend it in an oral examination conducted by the student's advisory committee. Students in this option are not required to take JUS 592 Research.

Students who elect the applied project option must enroll in three credit hours of JUS 592 Research before enrolling in JUS 593 Applied Project. Candidates pursuing this option must present their applied project and defend it in an oral examination conducted by the faculty member who supervises the project, and the graduate programs director or designated representative. The applied project typically includes a brief literature review to identify the nature of the issue or problem, and a description of the methodology used and, if relevant, of the program studied, followed by an analysis.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Mailing addresses and further admission information are available on the ASU Graduate Admission Services website.

Application requirements vary for the accelerated justice studies program. Undergraduate students majoring in justice studies who are interested in and eligible for this accelerated graduate program should contact the academic unit to schedule an appointment with a graduate advisor before submitting an application. Further details about the accelerated justice studies program can be found on the School of Social Transformation webpage.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Graduates will be able to demonstrate intersectional knowledge of justice and use an interdisciplinary and multidisciplinary approach to address societal problems and generate solutions in their projects.
Interpret and conduct quantitative research.
Interpret and conduct qualitative research.
Demonstrate knowledge of various theoretical perspectives of justice in both their written and oral work.

Career opportunities

Graduates of the justice studies program are prepared to work in justice-related organizations, teach in community colleges, and pursue doctoral programs and research in the justice field.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Justice Studies, PHD (LAJUSSTPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in justice studies at School of Social Transformation invites all qualified applicants.

The diverse community of scholars unites students and faculty across academic boundaries to strategically create social change that is democratic, inclusive and just. The interdisciplinary doctoral program in justice studies prepares future scholars and change agents to address complex social problems and become tomorrow's leaders.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Juris Doctor, JD

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
JUS 620 Justice Research Methodology (3)
JUS 640 Theoretical Perspectives on Justice (3)

Other Requirement (3 credit hours)
JUS 630 Data Analysis for Justice Research (3) or
JUS 650 Advanced Qualitative Data Analysis (3) or
SST 691 Topic: Qualitative Methods for Qualitative Researchers (3)

Electives and Research (63 credit hours)

Culminating Experience (12 credit hours)
JUS 799 Dissertation (12)

Additional Curriculum Information
For the other requirement course, students may take JUS 630, JUS 650, SST 691 or other methods course at ASU that is approved by the justice studies graduate director.

Students entering the doctoral program with a master's or Juris Doctor degree may complete a minimum of 54 credit hours for the program. In addition to the requirements listed above, coursework includes 15 credit hours of elective classroom hours (nine of which must have a JUS prefix) and 18 credit hours comprising any combination of additional elective courses, reading and conference courses, or research courses.

Students entering the doctoral program without a master's or JD degree are required to complete 84 credit hours. In addition to the requirements listed above, the coursework includes 12 credit hours of 500-level foundation courses, 24 credit hours of elective classroom hours (15 of which must have a JUS prefix) and 27 credit hours comprising any combination of additional electives courses, reading and conference courses, or research courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• three letters of recommendation (academic references are preferred)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should be 1.5 to 2 pages, double spaced, and outline the applicant's areas of interest, educational and career goals. The writing sample should be 10 to 15 pages and discuss the research that best represents the applicant's academic thinking and writing skills.

The PhD/JD option allows qualified students to earn a JD from ASU's Sandra Day O'Connor College of Law while simultaneously earning a transdisciplinary doctoral degree in justice studies. Students must apply separately to both programs. Applicants should contact the Sandra Day O'Connor College of Law for its requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply knowledge of both qualitative and quantitative research methodologies.
Differentiate various theoretical perspectives of justice in their written work.
Analyze instances of social injustice and identify intersectional solutions that draw on interdisciplinary and multidisciplinary approaches grounded in justice studies.

Career opportunities

Graduates are prepared to work in justice-related organizations, teach in community colleges and universities, and conduct research in the justice field.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Language Teaching, MA (LALANTCHMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Arts program in language teaching prepares current and aspiring language teachers with the tools they need to effectively teach languages in secondary schools and in higher education environments. This program provides professional development to practicing language teachers in K--12 schools and community colleges, and at the university level. This program offers three track options: French, German and Spanish.

Teachers in Arizona who are interested in continuing their professional development in both language pedagogy and language proficiency can pursue this degree. Teachers receive training in teaching methodologies, second language acquisition, heritage language pedagogy, computer-assisted language teaching, applied linguistics, and the teaching of literature and culture. This program may also interest individuals who wish to become highly proficient bilinguals.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

French, BA

Spanish, BA

German, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (SLC 593)

Required Core (3 credit hours)
SLC 596 Second Language Methodologies (3)

Track (9 credit hours)

Other Requirements (12 credit hours)

Electives (3 credit hours)

Culminating Experience (3 credit hours)

SLC 593 Applied Project (3)

Additional Curriculum Information
Students choose from three available tracks: French, German or Spanish. Students should see their academic unit for approved track coursework. Students select coursework in consultation with their committee chair.

Other Requirements coursework may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in a foreign language, applied linguistics, linguistics, literature, education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• two letters of recommendation
• proof of target language proficiency
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be no more than two pages, single-spaced, and should discuss how the applicant's educational background and experiences have prepared them for this graduate program. The applicant should also describe why they are interested in pursuing this master's degree and how it aligns with their career goals.

Proof of target language proficiency is accepted by an audio or video submission of a two-minute self-introduction.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with this degree can confidently move into academic and business fields. Language skills developed through this program are valued for teaching positions, translation work or work in a larger sector, such as business, government and public administration.

Career examples include:

adult, basic or secondary education teacher
foreign language and literature teacher or professor

instructional coordinator
instructional designer or technologist
interpreter or translator
literacy teacher
middle school or high school teacher
reporter or correspondent

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/language-teaching-ma
silc@asu.edu
480-965-6281

Linguistics (certificate), Certificate (LALINGUICE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

This interdisciplinary graduate certificate program in linguistics is designed to equip students with an understanding of language structure, acquisition and variation. Students dive into the fascinating ways that languages change over time and across different contexts, including spoken, written and signed modalities. They develop critical, in-demand skills such as analytical reasoning, problem-solving and effective communication. Through coursework in areas including discourse analysis, pragmatics, phonology and syntax, students become adept at evaluating language in diverse settings --- skills that are highly sought after in today's globalized world. This certificate provides a robust foundation for students to improve their professional communication or deepen their expertise in language.

STEM-OPT extension eligible: No

Degree requirements

18 credit hours

Required Core Areas (9 credit hours)
discourse analysis and pragmatics (3)
phonology (3)
syntax (3)

Electives (9 credit hours)

Additional Curriculum Information
The electives may be chosen from fields such as applied linguistics, educational linguistics, natural language processing, second language acquisition and sociolinguistics. The electives are determined by the student in consultation with a faculty advisor.

Students must have completed an introductory course in linguistics taken at the upper-division or graduate level. They should consult the certificate program director for advice.

All certificate coursework must be completed with an average grade of "B" or higher (3.00 on a 4.00 scale).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Students should visit the Department of English website for specific details about English proficiency requirements.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The one- to two-page, well-considered statement of purpose should detail the applicant's background and reasons for pursuing the linguistics certificate.

To be considered for admission, an applicant must have taken an introductory course in linguistics at the upper-division or graduate level. Applicants must also show proof of a formal knowledge of a foreign language equivalent to two years of study at the university level, or plans to fulfill the language requirement concurrently with certificate courses. The language requirement may be met by completion of courses through the second-year level (four semesters) at ASU or elsewhere, or by completion of an upper-division language course with an average of "B" or better (scale is 4.00 = "A") for all such coursework (200- or 300-level), or through an examination that indicates placement above the 200 level. Language placement tests (https://silc.asu.edu/student-life/academic-advising/language-testing) are available on the School of International Letters and Cultures website. If this requirement is not already fulfilled at the time of application, candidates must demonstrate completion of this requirement at the end of their certificate coursework for their certificate to be granted.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Graduates of the graduate certificate program in linguistics will be able to solve language-related problems.
> Graduates of the graduate certificate program in linguistics will be able to explain major subfields of linguistics.
> Graduates of this program will be able to apply logical argumentation to critique key concepts in linguistics, thereby demonstrating their knowledge of theories.

Career opportunities

A graduate certificate in linguistics is more than just a qualification --- it's a powerful tool for career advancement. The linguistics certificate offers an important dimension to various careers including:

computer programmer
data analyst
foreign service worker
language consultant or language documentation expert
language program director or coordinator
language teacher
lexicographer
materials designer and developer
program and curriculum developer
teacher trainer
writer or editor

This certificate also provides an ideal stepping stone for those considering further studies in linguistics or related fields like education, technology or international relations.

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/linguistics-certificate-cert
enggrad@asu.edu
480-965-3168

Linguistics and Applied Linguistics, MA (LALINMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Arts program in linguistics and applied linguistics focuses on the scientific study of language and its practical applications to human life. Through an interdisciplinary approach, this program offers a solid foundation in areas such as discourse analysis, pragmatics, Indigenous American linguistics, language contact and change, language revitalization, phonetics, phonology, syntax, second-language acquisition and many more.

Students have the flexibility to explore topics like language planning, teaching English to speakers of other languages, sociolinguistics, global Englishes and computer-assisted language learning. The program also offers a capstone research project, preparing graduates for diverse career paths or further academic pursuits.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English (Linguistics), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including a foreign language exam and a thesis, or
30 credit hours including a foreign language exam and the required applied project course (LIN 593 or APL 593)

Required Core (3 credit hours)
LIN 515 American English (3) or
LIN 516 Pragmatics and Discourse Analysis (3)

General Linguistics Track (6 credit hours)
LIN 511 Phonetics and Phonology (3)
LIN 514 Syntax (3)

Applied Linguistics Track (6 credit hours)
LIN 511 Phonetics and Phonology (3) or LIN 514 Syntax (3)
LIN 520 Second-Language Acquisition Theories (3) or APL 601 Introduction to Applied Linguistics (3)

Electives (12 or 15 credit hours)

Research (3 credit hours)
LIN 501 Approaches to Research (3)

Culminating Experience (3 or 6 credit hours)
LIN 593 or APL 593 Applied Project (3)
LIN 599 or APL 599 Thesis (6)

Additional Curriculum Information
Students choose one of the two tracks in either general linguistics or applied linguistics.

Electives are restricted based on the student's chosen track. For the general linguistics track, one of the electives must be a 600-level course from the approved course list.

Students who select the thesis option take 12 credit hours of electives. Applied project students select 15 credit hours of electives.

Students must demonstrate evidence of a competent knowledge of a natural language other than modern English, to be selected by the student, subject to the approval of the chair of the thesis committee or the director of the applied project. This requirement may be met by:

• earning a "B" or better (3.00 on a 4.00 scale) in a 400- or 500-level course in an appropriate (approved) language course
• demonstrating comparable proficiency by taking a language examination, administered by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
• demonstrating native-speaker proficiency, as determined by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
• earning a "B" or better (3.00 on a 4.00 scale) in both ENG 530 Old English and ENG 531 Old English Literature or their equivalents
• holding a bachelor's degree in an approved foreign language
• completing two years (four semesters) of college-level coursework (completed no more than six years prior to admission to the degree program) at least at the 100 and 200 levels with a "C" or better (2.00 on a 4.00 scale) for languages which the School of International Letters and Cultures does not offer or does not offer above the 200 level

Any course in which all class meetings are conducted in the approved language satisfies the requirement for a "B" or better in a 400- or 500-level course in an appropriate language; courses conducted in English do not satisfy the requirement. Also satisfying the requirement are GER 550 German for Reading Knowledge, FRE 550 French for Reading

Knowledge, SPA 550 Spanish for Reading Knowledge, and ITA 550 Italian for Reading Knowledge. The Department of English does not require its graduate students to write papers in the approved language.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in such related fields as anthropology, applied linguistics, communication, cognitive science, comparative languages and literatures, literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology, religious studies, rhetoric, composition, sociology, or speech and hearing science from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency. Applications are not processed without valid proof of English proficiency. Applicants should note that official scores must be sent to ASU in order for the application to be processed.

Successful completion of at least one upper-division course in linguistics, language study or a related topic is required.

Applicants must submit a one- to two-page, well-considered statement of purpose in which they explain how their experience and training in language study have prepared them for the master's degree, their aims and purposes in pursuing the degree and plans for the future.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design and carry out an original research study in their discipline and subdisciplines.
Demonstrate the ability to produce written scholarly work at a level expected by the profession and consistent with the degree program.
Demonstrate the ability to explain, synthesize and critique existing scholarship in their research area.

Career opportunities

Graduates from this program emerge with a versatile skill set that opens doors in diverse fields around the world. They work in academia, health care, government or the private sector. Many graduates also pursue a Doctor of Philosophy degree in linguistics or go on to study law, communications, anthropology and more.

Potential careers include:

curriculum developer or language program director
data analyst or computer programmer
language consultant or documentation expert
teacher, materials designer or teacher trainer
translator, interpreter or lexicographer
writer, editor or marketing specialist

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/linguistics-and-applied-linguistics-ma
enggrad@asu.edu
480-965-3168

Linguistics and Applied Linguistics, PHD (LALINPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in linguistics and applied linguistics provides a deep dive into the scientific study of language and its transformative role in human society. Students may study formal or applied linguistics, or a combination of both, to develop expertise in the subfields that match their research interests.

The curriculum is designed for flexibility, offering focused training in key areas such as syntax, semantics, phonetics, phonology, pragmatics, discourse analysis and sociolinguistics. Students can also explore specialized topics, including Indigenous American linguistics, language documentation, second-language acquisition, TESOL, global Englishes and computer-assisted language learning. With a focus on both theory and application, the program prepares graduates for impactful careers across a variety of sectors.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a foreign language exam, a written comprehensive exam, a prospectus and a dissertation

Required Core (18 credit hours)
APL 555 Disciplinary Discourses (3)
APL 601 Introduction to Applied Linguistics (3)
LIN 501 Approaches to Research (3)
LIN 511 Phonetics and Phonology (3)
LIN 514 Syntax (3)
LIN 655 Advanced Disciplinary Discourses in Linguistics and Applied Linguistics (3)

Other Requirements (3 credit hours)
LIN 515 American English (3) or LIN 516 Pragmatics and Discourse Analysis (3)

Electives and Research (30 credit hours)

Specialization (21 credit hours)

Culminating Experience (12 credit hours)
LIN 799 or APL 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. For students who do not have a previously awarded master's degree, additional electives and research coursework make up 30 credit hours, which must include LIN 510 if the student has not taken it or its equivalent.

Students must demonstrate evidence of competent knowledge of a natural language other than modern English, to be selected by the student and subject to the approval of the chair of the dissertation committee. The language requirement must be completed before the student is eligible to take the doctoral examinations. This requirement may be met by any of the following:

• earning a "B" or higher (3.00 on a 4.00 scale) in a 400- or 500-level course in an appropriate (approved) language
• demonstrating comparable proficiency by taking a language examination, administered by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
• demonstrating native-speaker proficiency, as determined by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
• earning a "B" or higher (3.00 on a 4.00 scale) in both ENG 530 Old English and ENG 531 Old English Literature or the equivalent of each
• holding a bachelor's degree in an approved foreign language
• having fulfilled a foreign language requirement toward a previously awarded master's degree that was completed within five years of the semester for which the student was admitted to the doctoral program
• two years (four semesters) of successfully completed college-level coursework (no more than six years before admission to the degree program) at least at the 100 and 200 levels with a "C" or better for languages that the School of International Letters and Cultures does not offer or does not offer above the 200 level

The foreign language requirement must be fulfilled by a language approved by the student's doctoral supervisory committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume or curriculum vitae
• three letters of recommendation
• academic writing sample relevant to the field
• statement of teaching philosophy (teaching assistantship only)

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency. Applications are not processed without valid proof of English proficiency. More information about English proficiency requirements can be found on the school website (https://english.asu.edu/admission/graduate-admission/information-international-students). Applicants should note that official scores must be sent to ASU for the application to be processed.

The well-considered one- to two-page statement of purpose should explain the applicant's scholarly background and training, career goals, proposed research specialization, and any secondary field of interest, and describe why the applicant wishes to pursue a PhD in linguistics and applied linguistics at Arizona State University. Applicants who are applying for funding must also submit a statement of teaching philosophy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critical analysis expertise: Students will demonstrate the ability to explain, synthesize and critique existing scholarship in their research area.
Independent research expertise: Students will be able to design and carry out an original research study in their discipline and subdisciplines.
Scholarly writing expertise: Students will demonstrate the ability to produce written scholarly work at a level expected by the profession and consistent with the degree program.

Career opportunities

Graduates emerge as experts in their fields, ready to make contributions in academia and beyond. They are prepared to teach and conduct research at a university, work on language policy, or apply their skills in the business or nonprofit world. Graduates have succeeded in roles across government, health care, legal systems, publishing and more.

Career examples include:

computer-assisted language learning expert
data analyst
forensic linguist
language policy or documentation expert
language program director or coordinator
language researcher
linguistic consultant
program and curriculum developer
publisher
teacher trainer
university professor

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/linguistics-and-applied-linguistics-phd
enggrad@asu.edu
480-965-3168

Marriage and Family Therapy, MAS (LAMFTMAS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

This self-contained accelerated Master of Advanced Study program in marriage and family therapy provides high-quality coursework and supervised internship experiences designed to train practitioners who wish to practice marriage and family therapy.

STEM-OPT extension eligible: No

Degree requirements

39 credit hours and a master's research paper

The master's degree program in marriage and family therapy requires the successful completion of a minimum of 39 credit hours and a project, including required coursework and completion of 300 client-contact hours in a community internship placement approved by the master's degree in marriage and family therapy faculty. Internships are expected to last approximately 12 months. Students must maintain a GPA of 3.00 (scale is 4.00 = "A") in all coursework and satisfactorily meet the expectations of the agency supervising their internship.

Students are required to have a vehicle and a valid Arizona driver's license for internship placement.

An internship entrance examination is held at the end of the first 7.5-week semester to determine student readiness for internship placement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution in a related field, such as counseling, psychology, or family and human development, among others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Letters of recommendation must be from three people who know the applicant in a professional or academic capacity. Family members and friends do not meet this criterion.

Students should refer to the program's website for detailed information on admission requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop a comprehensive understanding of system-based Marriage and Family Therapy theories and employ the clinical application of these theories to pursue licensure as an MFT.
Showcase their clinical competence in the ability to differentiate appropriate Marriage and Family Therapy interventions.
Construct a solid foundation grounded in system-based theoretical models to meet Marriage and Family Therapy Professional ethics and standards.

Career opportunities

Many career paths are available to graduates of this program. A few examples are:

genetic counselor
psychologist
rehabilitation counselor
school and career counselor
social and community service manager
social and human service assistant
social worker
substance abuse, behavioral disorder and mental health counselor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.The curriculum and degree requirements have been specified and approved by the Arizona Board of Behavioral Health Examiners and are devised to meet the degree requirements for licensure in the state of Arizona for the practice of marriage and family therapy.

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/degree/graduate/marriage-and-family-therapy-mas
graduatesanford@asu.edu
480-965-6978

Mathematics Education, PHD (LAMTEPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

This transdisciplinary Doctor of Philosophy program in mathematics education accommodates students from a variety of academic backgrounds. Students gain a solid foundation in graduate-level mathematics as well as research skills and perspectives that enable them to incorporate mathematics into such core educational areas as:

• curriculum
• learning
• teaching
• technology

Conducting individual and collaborative research in the learning and teaching of mathematics is an integral part of this PhD program.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
MTE 501 Research in Undergraduate Mathematics Education I (3)
MTE 502 Research in Undergraduate Mathematics Education II (3)
MTE 503 Research in Undergraduate Mathematics Education Ill (3)
MTE 504 Research in Undergraduate Mathematics Education IV (3)

Electives (42 credit hours)

Area Courses (12 credit hours)

Research (6 credit hours)
MTE 792 Research (6)

Culminating Experience (12 credit hours)
MTE 799 Dissertation (12)

Additional Curriculum Information
Four to five graduate-level (500 and above) elective courses from mathematics, cognitive science, psychology, educational technology, philosophy or research should be taken as approved by the advisor.

For the area courses, students are required to take four graduate-level courses from the following areas of interest: mathematics, applied mathematics or statistics. Students should see the academic unit for the approved course list.

Students should see the school's website for information about qualifier and comprehensive examinations based on math coursework.

The doctoral dissertation culminating experience consists of a dissertation prospectus, oral dissertation defense and the submission of a final revised, formatted dissertation document to the Graduate College. Dissertations are composed under chair- and committee-supervised research, including literature review, research, data collection and

analysis, and writing.

When approved by the student's supervisory committee and the Graduate College, up to 30 credit hours from a previously awarded master's degree may be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives and research.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in mathematics or a closely related area, with exceptionally high grades in advanced coursework in mathematics, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of education and career goals
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

At least two of the letters of recommendation must be from faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to incorporate mathematical concepts into novel teaching methods.
Address an original research question in mathematics education.
Able to complete original research in applied mathematics.

Career opportunities

Graduates of this program have opportunities in Arizona, the U.S. and internationally. Opportunities are typically at research universities and liberal arts colleges, community colleges, and education consulting firms. Possible roles include:

faculty-track academic

education consultant or analyst
mathematics professor, instructor or researcher

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Mathematics, MA (LAMATHMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Spring admission is limited to students in the Accelerated Master's program.

Program description

The Master of Arts program in mathematics is designed to increase students' mathematical knowledge beyond the traditional level of a bachelor's degree to prepare them for careers that require sophisticated mathematical skills.

Students may choose to specialize in applied mathematics, core mathematics, mathematics education or statistics through their course selections.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mathematics, BS

Computational Mathematical Sciences, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and 2 written comprehensive exams, or
30 credit hours and a portfolio, or
30 credit hours, a thesis and a written comprehensive exam

Required Core (3 credit hours)
APM 505 Applied Linear Algebra (3) or APM 506 Computational Methods (3) or MAT 543 Abstract Algebra I (3) or MAT 570 Real Analysis I (3)

Electives (21 or 27 credit hours)

Culminating Experience (0 or 6 credit hours)
MAT 599 Thesis (6)
portfolio (0)
two written comprehensive exams

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in mathematics, or a closely related field from a regionally accredited institution and have completed coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of education and career goals
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the MA program in mathematics possess sophisticated mathematical skills required for careers in many different sectors, including education, industry and government.

Potential career opportunities include:

- finance and investment analyst
- mathematician
- mathematics professor or instructor
- operations research analyst
- statistician

Students may also pursue further graduate study in mathematics or statistics in preparation for an academic career.

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Mathematics, PHD (LAMATHPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in mathematics is intended for students with exceptional mathematical ability. The program emphasizes a solid mathematical foundation and promotes innovative scholarship in mathematics and its many related disciplines.

The School of Mathematical and Statistical Sciences has very active research groups in analysis, number theory, geometry and discrete mathematics.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
Select two of the following four sequences (each sequence consists of two consecutively numbered courses)
MAT 501 Geometry and Topology of Manifolds I (3)
MAT 502 Geometry and Topology of Manifolds II (3)
MAT 512 Introduction to Combinatorics (3)
MAT 513 Graph Theory (3)
MAT 543 Abstract Algebra I (3)
MAT 544 Abstract Algebra II (3)
MAT 570 Real Analysis I (3)
MAT 571 Real Analysis II (3)

Other Requirements (3 credit hours)
MAT 591 Seminar (3)

Electives (33 credit hours)

Research (24 credit hours)
MAT 792 Research (24)

Culminating Experience (12 credit hours)
MAT 799 Dissertation (12)

Additional Curriculum Information

Electives are to be chosen from math or related area courses approved by the student's supervisory committee.

Students must pass:
• two qualifying examinations
• a written comprehensive examination
• an oral dissertation prospectus defense

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of education and career goals
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Additional eligibility requirements include competitiveness in an applicant pool as evidenced by coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371), and it is desirable that applicants have scientific programming skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply advanced mathematical skills in coursework and research.
Address an original research question in mathematics.
Able to complete original research in theoretical mathematics.

Career opportunities

Graduates of the PhD program in mathematics possess sophisticated mathematical skills required for careers in many different sectors, including education, industry and government. Potential career opportunities include:

faculty-track academic
finance and investment analyst
mathematician
mathematics professor, instructor or researcher
operations research analyst
statistician

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Medieval Studies (certificate), Certificate (LAMEDSTCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in medieval studies is a transdisciplinary program that provides intensive engagement for graduate students with the global period between circa 500 and 1500 CE. Students investigate this period's cultural activities in art, languages, literature, history, music and religion to develop an understanding of intercultural intersections. This interdisciplinary program enables students to gain expertise in a variety of theoretical approaches to medieval studies and to contribute to the field's future directions.

This program can be taken in conjunction with a master's degree or stand-alone.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
One of the following courses:
ARS 514 Monasteries, Madonnas and Manuscripts (3)
ENG 530 Old English (3)
ENG 531 Old English Literature (3)
ENG 532 Middle English Dialects (3)
ENG 632 Advanced Studies in Medieval and Renaissance Literature and Culture (3)
FRE 521 History of the French Language (3)

Electives (12 credit hours)

Additional Curriculum Information
No more than three credit hours may be transferred from another university. No more than six credit hours may be completed before admission to the certificate program. At least 10 credit hours must be at the 500-level or above.

Courses must be drawn from at least two different academic units.

To be approved as an elective, a course must spend at least 50% of the class meetings on the subject of the Middle Ages. Students should contact the department for a list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• writing sample
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) and has not graduated from an institution of higher learning in the U.S. must provide proof of English proficiency. Applications will not be processed without valid proof of English proficiency. More information about English proficiency requirements can be found on the Department of English website (https://english.asu.edu/admission/graduate-admission/information-international-students). Official scores must be sent to ASU for the application to be processed.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The statement of purpose should be no more than two pages, double-spaced. The statement should summarize the applicant's past educational experiences and current goals in pursuing a graduate certificate in medieval studies. The writing sample gives the committee a sense of the applicant's writing style and analytical abilities. An academic paper submitted for a graduate or undergraduate course is appropriate. A writing sample dealing with a topic in medieval studies is preferred but not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Global opportunities

Global experience: Studying abroad is possible for graduate students. There are more than 50 program opportunities, with programs on every continent.

Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning. More

information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/students/graduate-students).

Career opportunities

The graduate certificate in medieval studies is designed to equip students for jobs in academia, but also in a variety of other fields in which a humanities degree and interdisciplinary work are valued. Career examples include:

digital humanities
library and archival work
museum work
professorship in the humanities and social sciences
public humanities
public service
publishing

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/medieval-studies-certificate-cert
enggrad@asu.edu
480-965-3168

Microbiology, MS (LAMICROMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Master of Science program in microbiology, students are trained in microbial ecology and evolution, geomicrobiology, bacterial physiology and genetics, bacterial pathogenesis, metabolic engineering, immunology and vaccine development, and cancer biology. Students receive advanced training in the study of microbes and their impact on humankind, disease and the environment. The tools they use are as varied as nanotechnologies, genomics, mathematical models and satellite-based imaging.

Students receive training in teaching as well as in basic, translational and use-inspired research with world-class faculty and collaborative research partners. Faculty members are associated with the School of Life Sciences, The Biodesign Institute, The Translational Genomics Institute, Barrow Neurological Institute, and other area hospitals and research centers.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Sciences (Biomedical Sciences), BS

Biological Sciences (Biology and Society), BS

Molecular Biosciences and Biotechnology, BS

Biological Sciences (Conservation Biology and Ecology), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Neuroscience, BS

Microbiology (Medical Microbiology), BS

Microbiology, BS

Biological Sciences, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis

Required Core (3 credit hours)
MIC 501 Foundations in Microbiology (3)

Electives and Research (21 credit hours)

Culminating Experience (6 credit hours)
MIC 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume

• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Prior research experience is a desired qualification for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to review the scholarly literature associated with research questions in microbiology.
Able to carry out a research plan in an area of Microbiology under advisement of their mentors.
Able to communicate science effectively, both orally and in writing.

Career opportunities

Professionals with tailored research training in specific directions --- including microbial physiology, environmental microbiology, evolution and ecology, immunology, virology and various aspects of modern molecular genetics --- are in demand in diverse sectors. Graduates are prepared for careers in bacteriology, virology, mycology, immunology and oncology in academic institutions, government agencies or commercial entities.

Career examples include:

environmental scientist or specialist (including health)
lab manager in an academic or industrial lab
medical or clinical laboratory technologist
microbiologist in diverse sectors, including food service and the health care industry
natural sciences manager
research technician in an academic or industrial lab

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/microbiology-ms
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Microbiology, PHD (LAMICROPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in microbiology offers a dynamic research environment; a wide variety of basic, translational and use-inspired research areas; advanced transdisciplinary training; and opportunities to work with world-class faculty and collaborative research partners committed to training scientific leaders with the skills necessary to address significant global microbiological problems and challenges.

This program focuses on the smallest of living things and immunology. Students can tailor the program around their interests and gain skills in contemporary approaches used in microbiology, biomedicine and biotechnology. They train in a broad array of fields, including microbial ecology and evolution, geomicrobiology, bacterial physiology and genetics, bacterial pathogenesis, metabolic engineering, immunology and vaccine development, and cancer biology.

Faculty members are associated with the School of Life Sciences, The Biodesign Institute, The Translational Genomics Institute, Barrow Neurological Institute, and other area hospitals and research centers.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (4 credit hours)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)
MIC 501 Foundations in Microbiology (3)

Electives or Research (68 credit hours)

Culminating Experience (12 credit hours)
MIC 799 Dissertation (12)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Research experience is a desired qualification for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to review the scholarly literature associated with research questions in microbiology.
Able to design and execute a research plan in an area of microbiology under advisement of their mentors.
Able to communicate science effectively, both orally and in writing.

Career opportunities

Graduates of this program's intense and interactive educational and research training are prepared for advanced careers in research and education, specifically in bacteriology, virology, mycology, immunology and oncology.

Career possibilities are diverse, with opportunities in academic organizations, research and development industries, government service and other professional organizations. Examples include:

instructor at a university or college
principal investigator in a government lab or nonprofit organization
professor at a university or college
research associate at a university
research scientist in industry

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/microbiology-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Molecular and Cellular Biology, MS (LACELLMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Science program in molecular and cellular biology encourages interdisciplinary, innovative research, allowing students to choose from a wide variety of research and training opportunities. Students gain skills in contemporary approaches used in molecular and cellular biology.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-

students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Sciences (Biomedical Sciences), BS

Biological Sciences (Biology and Society), BS

Molecular Biosciences and Biotechnology, BS

Biological Sciences (Conservation Biology and Ecology), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Neuroscience, BS

Microbiology, BS

Biological Sciences, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis

Required Core (6 credit hours)
MCB 555 Advanced Molecular and Cellular Sciences (3)
MCB 556 Advanced Molecular and Cellular Biology II (3)

Electives or Research (10 credit hours)

Other Requirements (8 credit hours)
BIO 543 Molecular Genetics and Genomics (3)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)
MCB 501 Seminar: Molecular and Cellular Biology Colloquium (4)

Culminating Experience (6 credit hours)
MCB 599 Thesis (6)

Additional Curriculum Information
Students are required to take MCB 501 each semester they are registered. If a student is registered for more or fewer than four semesters, the research hours and MCB 501 hours may be adjusted accordingly to reach 30 credit hours.

Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Research experience is a desired qualification.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for academic careers at every level, from community colleges to research universities. Their skills and knowledge are also valuable for careers in federal and state agencies, in industry and in nongovernmental organizations.

Career examples include:

community college instructor
elementary or high school science teacher
researcher or technician in a government lab or nonprofit organization
scientist or bioinformatician in an academic, private or industrial lab

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/molecular-and-cellular-biology-ms
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Molecular and Cellular Biology, PHD (LACELLPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in molecular and cellular biology emphasizes interdisciplinary approaches in fundamental and highly applied molecular and cellular biology to answer basic and translational research questions. Students can tailor the program to their interests while gaining skills in the most innovative approaches and techniques.

Faculty have a wide variety of research interests and training opportunities for doctoral students interested in pursuing a degree that extends beyond the traditional boundaries of biological research. Participating faculty members and researchers are drawn from multiple departments, colleges, centers and institutes across the university, including:

• New College of Interdisciplinary Arts and Sciences
• School for Engineering of Matter, Transport and Energy
• School of Biological and Health Systems Engineering
• School of Human Evolution and Social Change
• School of Life Sciences
• School of Mathematical and Statistical Sciences
• School of Molecular Sciences

Participating faculty members are also based at partner institutions in the greater Phoenix area, including:

• Caris Life Sciences
• Mayo Clinic Arizona
• Phoenix Children's Hospital
• Translational Genomics Research Institute
• University of Arizona College of Medicine -- Phoenix

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
MCB 555 Advanced Molecular and Cellular Sciences (3)
MCB 556 Advanced Molecular and Cellular Biology II (3)

Electives or Research (54 credit hours)

Other Requirements (12 credit hours)
BIO 543 Molecular Genetics and Genomics (3)
BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1)
MCB 501 Seminar: Molecular and Cellular Biology Colloquium (8)

Culminating Experience (12 credit hours)
MCB 799 Dissertation (12)

Additional Curriculum Information
Students take MCB 501 eight times for one credit hour each. Courses listed under Other Requirements may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Research experience is a desired qualification.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to review the literature relevant to the research question in molecular and cellular biology that they address in their dissertation.
Able to execute a research plan of their own design that addresses a significant scientific question about molecular and cellular biology.
Able to communicate the rationale and results of their research, both orally and in writing.

Career opportunities

Graduates hold positions as researchers and leaders in nongovernmental organizations, biotech and pharma, and in federal and state agencies.

Career examples include:

faculty member at a university or college
leader of a nonprofit organization
principal investigator or leader in a private, government or industrial lab

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/molecular-and-cellular-biology-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Museum Studies (certificate), Certificate (LAMUSEUMCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the museum studies certificate program, students examine how museums produce and reflect culture and they examine how museums care for the collections they steward.

Students develop theoretical questions and applied skills that engage the functions, practices and critical analyses of museums. They gain practical experience while being encouraged to challenge preconceived notions about museums and the way they affect and are affected by societies and cultures.

Designed to be interdisciplinary, inclusive and representative, the program ensures that students understand the meaning and significance of museums in contemporary society and prepares them for diverse museum careers.

STEM-OPT extension eligible: No

Degree requirements

18 credit hours

Required Core (3 credit hours)
ASB 579 Critical Issues in Museum Studies (3)

Electives (9 credit hours)

Other Requirements (6 credit hours)
ASB 580 Practicum (3) and ASB 584 Internship (3) OR
ASB 584 Internship (6)

Additional Curriculum Information
Certificate students may choose to specialize in areas such as anthropology, art history and public history.

For a complete list of approved elective and research courses, students should contact the school.

Internship (ASB 584) and Practicum (ASB 580) must be approved by their supervisory committees, usually in a museum setting or museum-quality collection or archive related to their chosen area of study: anthropology, art history, theory and criticism, or public history.

For students currently enrolled in an ASU graduate degree program, applicable certificate courses may count toward

their degree program, with the approval and consent of the degree granting program. For certificate students who are later admitted to an ASU graduate degree program, up to 12 credit hours from the certificate program may count toward their doctoral degree or up to 12 credit hours may count toward their master's degree, with the approval and consent of the degree-granting program.

All requirements for the certificate program should be completed within a three-year time limit with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"). Students who require more time to finish the program, because of their part-time status or lack of desirable or available courses, must obtain approval from the executive committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

For information on spring admission, students should contact the School of Human Evolution and Social Change.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The demand in the job market is high for people with a skill set to manage cultural collections and community-engaged stewardship is strong. There is a growing need for researchers and practitioners with knowledge and skills who can manage, evaluate and identify cultural materials for long-term care, repatriation and interpretation.

Graduates can become leaders in their field, spending their time consulting for private and public organizations, directing nonprofit organizations, directing programs in the private or public sector.

Some career opportunities include:

museum collections manager
museum site director
NAGPRA repatriation specialist

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degree/graduate/museum-studies-certificate-cert
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Museum Studies, MA (LAMUSSTMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Arts program in museum studies informs and trains learners in the ethical and legal considerations around collections care, cultural resource compliance, and collaboration with descendant communities as stakeholders in museum collections.

Students develop theoretical questions and applied skills that engage the functions, practices and critical analyses of museums. They also gain practical experience while being encouraged to challenge preconceived notions about museums and the way museums affect and are affected by societies and cultures.

Designed to be interdisciplinary, inclusive and representative, the program ensures that students understand the meaning and significance of museums in contemporary society and prepares them for diverse museum careers.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (ASB 593)

Required Core (3 credit hours)
ASB 573 Museum Administration (3)

Other Requirements (9 or 10 credit hours)
ASB 584 Internship (6)
ASB 579 Critical Issues Museum Studies (3) or ASB 591 Topic: Cultural Resource Compliance and Consultation (3) or ASM 555 Advanced Human Osteology (4)

Electives (14 or 15 credit hours)

Culminating Experience (3 credit hours)
ASB 593 Applied Project (3)

Additional Curriculum Information
For a complete list of approved elective and research courses, students should contact the school.

Internship (ASB 584) and Practicum (ASB 580) must be approved by the faculty advisor.

Credits for other requirements (nine or 10 credits) and electives (14 or 15 credits) vary and depend on whether ASB 555 (four credits) is completed as an option under other requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement outlining educational and professional goals
• current curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Operate using the standards of professional practices and ethics during their applied internship in a museum or federal agency setting.
Address the constraints in decision-making, particularly as they pertain to the ethical and legal challenges that museums face.
Articulate strategies to address ethical and legal challenges confronting museum and cultural settings.

Career opportunities

The demand in the job market for people with the skill set to manage cultural collections and community engaged stewardship is strong. There is a growing need for researchers and practitioners with knowledge and skills who can manage, evaluate and identify cultural materials for long-term care, repatriation and interpretation.

Graduates may also become leaders in their field, spending their time consulting for private and public organizations, directing nonprofit organizations, or directing programs in the private or public sector.

Some career opportunities include:

museum collections manager
museum site director
NAGPRA repatriation specialist

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/degrees/graduate
shesc.grad@asu.edu
480-965-6215
Admission deadlines (https://shesc.asu.edu/admission/graduate)

Nanoscience, PSM (LANANPSM)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program is not currently accepting applications.

Program description

The Professional Science Master's in nanoscience is a cohesive program of transdisciplinary courses that provide the knowledge base required for research and innovation in nanoscience. The program incorporates courses in:

• chemistry and biochemistry
• electrical engineering
• materials science
• physics

Commercial innovation is a particular target goal of the degree, including applications in:

• biochemistry and sensing technology
• biophysics and biomedical technology
• nanomaterials and nanoscale devices

The PSM degree program in nanoscience is suitable for working professionals and for students who have obtained a traditional bachelor's degree or master's degree in related fields.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

32 credit hours including the required applied project course (NAN 593)

Required Core (5 credit hours)
NAN 505 Nanoscience and Society (2) or NAN 506 Innovation and IP Management (2)
NAN 571 Quantum Physics (3) or NAN 544 Introduction to Nanoscience (3)

Electives or Research (15 credit hours)

Other Requirements (6 credit hours)
NAN 591 Seminar (6)

Culminating Experience (6 credit hours)
NAN 593 Applied Project (6)

Additional Curriculum Information
Students must take either NAN 505 or NAN 506. Students may also take the other course as an elective.

Students with a physical science or engineering background should take NAN 571 Quantum Physics, and students with a biochemistry or life sciences background should take NAN 544 Introduction to Nanoscience.

The program includes a two-semester, student-centered professional seminar in which the central role of the program as a vehicle for innovation emerges. During the spring semester and summer session, students conduct an individual applied project in association with a research group. Throughout the program, students interact with research faculty and other students in a variety of disciplines related to nanoscience. Students also meet with visiting speakers and industrialists in the professional seminar and in other seminars.

If taken full time, the PSM in nanoscience program can be completed in 12 months (fall semester, spring semester and two eight-week summer sessions). Another option is the two-year part-time program, which allows prospective students and their employers flexibility in scheduling the program of study.

Students should see the academic unit for a complete list of approved electives. Many of the requisite elective courses are currently offered within the Department of Physics and the Department of Chemistry and Biochemistry. Most are cross-listed with other units.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in physics, chemistry or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL scores or equivalent are required for applicants whose native language is not English.

The personal statement should outline the applicant's research interests and why the applicant wants to enroll in the PSM degree program.

Letters of recommendation should be from individuals familiar with the applicant's work or studies relevant to the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Nanoscale science and engineering are having an increasing impact on many aspects of daily life, and the opportunities for careers are rapidly expanding. In areas as diverse as designing medical diagnostic devices, building better batteries, creating cosmetics, enhancing energy efficient windows, auto and plane manufacturing, and researching the nature of matter itself, knowledge of nanoscale science and engineering will be increasingly important in the upcoming years and decades.

The highly technical field of nanotechnology and nanoscience is always looking for scientists, engineers and technicians. Career examples include:

applications engineer
biotechnologist
forensic scientist
instrument development engineer
manufacturing engineer
market development manager
materials scientist
mechanical or electrical engineer
medical engineer
microscopist
optical engineer
research scientist
technical program manager

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/degrees/graduate
nanoscience@asu.edu
480-965-3561

Natural Science (Earth and Space Sciences), MNS (LANATSCIMN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Natural Science program with a concentration in Earth and space sciences is designed to meet the needs of professionals seeking a graduate-level degree. It is especially suited for individuals who desire professional training

rather than research training.

The program must be transdisciplinary; students are expected to emphasize coursework in two or more areas of specialization. The program offers the opportunity for graduate training in the natural sciences (i.e., biological sciences, mathematics and physical sciences) and cognate areas. The program's flexible design allows students to create individualized professional graduate programs tailored to their backgrounds and goals.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required applied project course (SES 593)

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Other Requirements (19 credit hours)
SES 501 SESE Colloquium (1)
GLG or SES courses (18)

Electives or Research (4 credit hours)

Culminating Experience (6 credit hours)
SES 593 Applied Project (6)

Additional Curriculum Information
Other Requirements coursework consists of SES 501 and 18 credit hours of GLG or SES graduate-level courses. Exceptions and substitutions may be allowed with approval of the academic unit.

The supervisory committee is chosen by the student in conjunction with the advisor. The composition of the supervisory committee must reflect the transdisciplinary nature of the program. The student develops a suitable applied project with the approval of the supervisory committee.

Students must submit a plan of study after conferring with the supervisory committee. While a minimum of 30 credit hours is required for the degree, more credit hours may be required by the supervisory committee, depending on the student's background and the nature of the proposed program.

In some cases, undergraduate courses may be required to remove deficiencies.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply advanced scientific concepts to investigate processes shaping the interior and surface of the Earth and other planetary bodies.
Apply advanced analytical, modeling, and/or field-based methods to investigate Earth and space science problems.
Conduct independent research that demonstrates the ability to critically evaluate geological and/or planetary data.

Career opportunities

Professionals with expertise in Earth and space sciences are in high demand across sectors and industries, including remote sensing, natural resource management, data science, environmental consulting, hazard and risk assessment, geophysics and planetary science. Skills in the measurement and analysis of data related to the physics, chemistry and structures of earthly and planetary systems are valuable to businesses and institutions that rely on data-driven strategies to interact with the planet and explore beyond Earth.

Career examples include:

geologist
high school teacher
science communication expert
science writer and science journalist

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/admission/graduate-admission
sese-prospectivegrads@asu.edu
480-965-5081

Neuroscience, MS (LABMENMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Master of Science program in neuroscience, students acquire advanced knowledge on fundamental neuroscientific concepts, the neurobiological substrates of behavior, and next-generation experimental techniques for studying brain function. An important underlying theme of the program is understanding the genetic, molecular, cellular and circuit-level changes associated with neurodegenerative diseases, altered brain development and neuropsychiatric disorders.

Students have mentored research opportunities with internationally recognized experts, and they are also able to explore recent primary literature and hone communication, presentation and professional skills.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis

Required Core (5 or 6 credit hours)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)
NEU 556 Human Systems Neuroscience (4) or NEU 576 Advanced Cellular and Molecular Neuroscience (3)
NEU 558 Neuroscience Journal Club (1)

Other Requirement (1 credit hour)
NEU 591 Seminar (1)

Research (9 credit hours)
NEU 592 Research (9)

Electives (8 or 9 credit hours)

Culminating Experience (6 credit hours)
NEU 599 Thesis

Additional Curriculum Information
Students choose either NEU 556 or NEU 576 as part of their core course requirements. Students who choose NEU 576 complete an additional credit hour of elective coursework to achieve the 30 credit hours required for the program. Students should contact the program advisor for a list of approved electives.

Students take NEU 599 in their last semester.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in the life sciences, psychology, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must provide three letters of recommendation from people who can speak to their academic experiences, qualifications and potential. Recommenders will receive an email with instructions and can submit their recommendation entirely online. Submission of a traditional hard-copy letter is not necessary.

In one- to two- single-spaced pages using Arial font, applicants should discuss their research interests and experience. Applicants should indicate what their goals are in obtaining a graduate degree; describe why the School of Life Sciences at Arizona State University is suited to the pursuit of their degree; and list their publications, honors, awards or society memberships.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The MS program in neuroscience prepares graduates for entry into advanced research or clinical training programs; technical positions in academia, industry and health care-related fields; or employment in sectors focused on education, consulting, law, pharmaceuticals and artificial intelligence.

Career examples include:

clinical research assistant
data analyst in neuroscience or artificial intelligence
laboratory technician
medical writer
pharmaceutical sales representative
public health professional in a position related to neurological disorders
technologist in medical imaging or genetic counseling

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/neuroscience-ms
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Neuroscience, PHD (GCBMENPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Neuroscience is the scientific study of the nervous system. Studies in neuroscience can be multifaceted and combine physiology, anatomy, molecular biology, genetics and mathematical modeling, with the aim of understanding the fundamental and emergent properties of the many different cells in the brain and how they interact and coregulate each other.

Students integrate several levels of analysis --- molecular, cellular, systems, behavioral and cognitive --- to investigate basic, translational and clinical questions about the relationship between the brain and behavior.

The Doctor of Philosophy program in neuroscience includes aspects of graduate-level training from many different units on campus and from the program's partner institutions distributed across the greater Phoenix area. Partner institutions include Barrow Neurological Institute, Translational Genomics Research Institute, University of Arizona College of Medicine and the Banner Sun Health Research Institute.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (8 credit hours)
BIO 610 Introduction to Responsible Conduct of Research in Life Sciences (1)
NEU 556 Human Systems Neuroscience (4)
NEU 576 Advanced Cellular and Molecular Neuroscience (3)

Electives or Research (58 credit hours)

Other Requirements (6 credit hours)
NEU 558 Neuroscience Journal Club (1)
NEU 591 Seminar (3)

Culminating Experience (12 credit hours)
NEU 799 Dissertation (12)

Additional Curriculum Information
Students take NEU 558 three times for one credit hour.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Regular admission may be granted to applicants who have achieved the minimum cumulative GPA or higher in the last two years of work leading to a bachelor's degree and who are competitive in the applicant pool, as evidenced by letters of recommendation. Particular attention is paid to research experience and overall preparation in problem-solving, as evidenced by previous coursework and research experiences.

There are no specific undergraduate course requirements other than those implied by the degree requirements described above. Most students are expected to have completed coursework in biology, chemistry and math.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Research experience is a desired qualification.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply core neuroscientific concepts to address fundamental questions regarding nervous system function and associated pathologies.
Execute an independent research plan of their own design that tests hypotheses related to neuroscience.
Effectively communicate neuroscientific concepts, both orally and in writing.

Career opportunities

Graduates with a PhD in neuroscience have strong preparation for academic careers at every level, from community colleges to research universities. Graduates also apply the skills and knowledge obtained in this program to

government careers in federal and state agencies, in industry (biotech, medical or pharmaceutical), and in nongovernmental organizations.

Career examples include:

health care scientist in an academic, private or industrial lab
principal investigator in a government lab or nonprofit organization
professor or instructor in a university or college
science teacher in an elementary or high school

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/neuroscience-phd
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Philosophy, MA (LAPHILMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The School of Historical, Philosophical and Religious Studies offers a Master of Arts degree program in traditional and contemporary philosophy. General areas of research include ethics, political philosophy, metaphysics, epistemology, philosophy of law, philosophy of science, feminist philosophy, philosophy of language, experimental philosophy and the history of philosophy.

Members of the faculty are involved in interdisciplinary work in a variety of fields and enjoy close ties with the Lincoln Center for Applied Ethics, the Sandra Day O'Connor College of Law and a number of other graduate programs at ASU. The philosophy program sponsors an active colloquium series and regular philosophical conferences on diverse topics. The Lincoln Center for Applied Ethics also sponsors a wide range of activities, including large-scale conferences, distinguished visitors and support for graduate study.

The program seeks to maintain a balance between course offerings in the traditional areas of philosophy and opportunities for study of current philosophical developments.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis

Required Core Areas (9 credit hours)
epistemology (3)
metaphysics (3)
value theory (3)

Electives and Research (15 or 21 credit hours)

Culminating Experience (0 or 6 credit hours)
PHI 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
There are two culminating experience options for the master's degree program in philosophy: the thesis option and the nonthesis portfolio option.

Thesis students take 15 credit hours of electives. Portfolio students take 21 credit hours of electives, which must include PHI 592 Research for three credit hours.

Students should see the academic unit for the list of courses approved for each core area in epistemology, metaphysics and value theory.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency, a copy of an article or research paper in their native or principal research language, as well as the English writing sample required of all students regardless of their current residency. The philosophy program requires a TOEFL iBT score of at least 100, or a score of 7.0 on the IELTS.

The statement of purpose should explain the applicant's specific intent and be no more than 600 words in length.

The writing sample must be a piece of philosophical writing, preferably a seminar paper or published article of no more than 20 pages and not a thesis or dissertation.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to identify and articulate a philosophical problem or question in one of the core areas in philosophy --- that is, metaphysics, epistemology and value theory.
Students will be able to construct a reasoned defense of a clear, creative, and original solution to a philosophical problem in one of the core areas of philosophy --- that is, metaphysics, epistemology and value theory.
Students will be able to evaluate a solution or answer to a philosophical problem or question (such as one of those explicated in the course readings).
Students will be able to explain a philosophical argument or point verbally.

Career opportunities

Both the MA and doctoral programs in philosophy help students develop and hone skills that are highly marketable and easily transferable.

Philosophy teaches its students to think critically, creatively and imaginatively. Though routine jobs are increasingly being lost to advances in automation and artificial intelligence, these skills are irreplaceable by technology, highly sought-after by employers and transferrable from one occupation to another. Graduates have the ability to read closely and with a critical eye; to analyze complex problems and identify all the possible solutions, including some creative solutions; to assess the merits of each possible solution; and to articulate and argue for or against various possible solutions in clear, precise and unambiguous language.

As philosophy focuses on honing certain skills rather than acquiring a particular body of knowledge, philosophy prepares its students for a wide variety of careers rather than for just one particular occupation. Indeed, philosophy prepares its students for any career requiring problem-solving; clear, critical and creative thinking; and excellent reading, writing and communication skills.

The master's degree program in philosophy is designed to prepare students to enter doctoral programs; teach philosophy at the community college level; or work in any area that requires critical and analytical thinking, such as medicine, law, government or publishing.

Career examples include:

businessperson
computer programmer
counselor
educator
journalist
lawyer
politician
public policy analyst
publisher
writer

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu/degree/graduate/philosophy-ma
SHPRSGradInfo@asu.edu
480-965-5778

Philosophy, PHD (LAPHILPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in philosophy features a focus on practical and applied philosophy and an interdisciplinary coursework component related to the student's research topic. General areas of research include ethics, political philosophy, metaphysics, epistemology, philosophy of law, philosophy of science, philosophy of language, philosophy of religion and the history of philosophy.

Practical philosophy includes the fields of ethics, philosophy of law, social and political philosophy, feminist ethics, and political philosophy.

Applied philosophy includes the application of theories developed within any of the subdisciplines of philosophy to everyday problems or phenomena, such as the application of the philosophy of language in relation to hate speech, or the philosophy of mind in relation to computing and artificial intelligence. Applied philosophy also includes the application of research produced by methods used in other disciplines in order for the student to understand and address philosophical questions, like the application of data-gathering instruments used in psychology to answer questions in experimental philosophy.

Students may design dissertation projects in any of the major subfields of philosophy. For their interdisciplinary coursework supporting the dissertation project, for example, students might pursue a certificate in social transformation, gender studies, responsible innovation in sciences, or engineering and society.

Members of the faculty are involved in interdisciplinary work in a variety of fields and enjoy close ties with the Lincoln Center for Applied Ethics, the Sandra Day O'Connor College of Law and a number of other graduate programs at the university. The ASU philosophy faculty group sponsors an active colloquium series and regular philosophical conferences on diverse topics. The Lincoln Center for Applied Ethics also sponsors a variety of activities, including large-scale conferences, distinguished visitors and support for graduate study.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core Areas (15 credit hours)
applied philosophy (3)
epistemology (3)
formal methods (3)
metaphysics (3)
value theory (3)

Electives (39 credit hours)

Research (18 credit hours)
PHI 792 Research (18)

Culminating Experience (12 credit hours)
PHI 799 Dissertation (12)

Additional Curriculum Information
Students should contact the academic unit for the list of courses approved for each required core area.

In completing the electives requirements, at least nine credit hours and no more than 18 credit hours must be from other disciplines supporting the student's proposed dissertation area; 30 credit hours from a previously awarded master's degree may apply toward this requirement with approval by the student's supervisory committee and the Graduate College.

To ensure breadth in the traditional areas of philosophy, students must pass with a grade of "B" or better (3.00 on a 4.00 scale).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae
• writing sample
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency, a copy of an article or research paper in their native or principal research language, as well as the English writing sample required of all students regardless of their current residency. The philosophy program requires a TOEFL iBT score of at least 100, or a score of 7.0 on the IELTS.

The statement of purpose should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue and the proposed research specialization (no more than 600 words in length).

The writing sample must be a piece of philosophical writing, preferably a seminar paper or published article of no more than 20 pages.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Achieve competence with philosophical literature and writing
Achieve professional-level skills in mastering literature and philosophical writing
Able to identify and articulate a philosophical problem or question in one of the core areas in philosophy --- that is, metaphysics, epistemology and value theory

Career opportunities

Both the Master of Arts and doctoral programs in philosophy help students develop and hone skills that are highly marketable and easily transferable.

Philosophy teaches its students to think critically, creatively and imaginatively. Though routine jobs are increasingly being lost to advances in automation and artificial intelligence, the skills taught by philosophy are irreplaceable by technology, highly sought-after by employers and transferrable from one occupation to another. Graduates have the ability to read closely and with a critical eye; to analyze complex problems and identify possible solutions, including some creative solutions; to assess the merits of each possible solution; and to articulate and argue for or against various possible solutions in clear, precise and unambiguous language.

As philosophy focuses on honing certain skills rather than acquiring a particular body of knowledge, philosophy prepares its graduates for a wide variety of careers rather than for just one particular occupation. Indeed, philosophy prepares its graduates for any career requiring problem-solving; clear, critical and creative thinking; and excellent reading, writing and communication skills.

The program is designed to prepare students for careers as philosophers, as teachers of philosophy and in areas in which they may benefit from advanced training in philosophy, such as law, civil service and publishing.

Career examples include:

businessperson
computer programmer
counselor
educator
journalist
lawyer
politician
public policy analyst
publisher
writer

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu/degree/graduate/philosophy-phd
SHPRSGradInfo@asu.edu
480-965-5778

Natural Science (Physics), MNS (LAPHYSMNS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Natural Science program in physics offers transdisciplinary graduate training in physics, physical science or physics education. The program is especially suited for in-service high school science teachers who desire professional training rather than a research-based degree.

Designed for flexibility, the curriculum also features individualized professional graduate programs. These programs are well matched to the backgrounds and goals of students. Students are expected to emphasize coursework in at least two areas of concentration. The program must be transdisciplinary.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (PHS 593)

The graduate advisor and the student suggest three faculty members who reflect the transdisciplinary nature of the program to serve on the supervisory committee. With the recommendation of the chair of the Department of Physics, the committee is appointed by the vice provost for the Graduate College soon after the student has been admitted to the degree program.

After conferring with the student, the supervisory committee recommends the plan of study. The committee may require additional coursework to ensure proficiency, depending on the student's background and the nature of the proposed program. In some cases, undergraduate courses may be required to overcome deficiencies.

Teachers may enroll in these courses to earn credit toward recertification or to pursue an MNS degree. These courses are held during the summer. Depending on teacher interest, they may be offered at other times. For some courses, the prerequisites are two semesters of trigonometry-based college physics and an introductory calculus course.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's degree from a regionally accredited institution. The program is open to in-service high school teachers who have completed two semesters of college physics and an introductory calculus course. Underprepared teachers can make up deficiencies by completing regularly scheduled courses. Students must be able to attend classes in person at the Tempe campus.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate coursework
• two letters of recommendation
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals familiar with the applicant's work or studies that are relevant to the natural science program.

Conditions for admission are the availability of resources for the proposed program and having a Department of Physics faculty member designated to serve as a graduate advisor.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have a deeper understanding of physics and related subjects, both conceptually and pedagogically. They are better prepared to teach physics and other related subjects, and they may be qualified to teach dual enrollment courses in physics or related subjects, such as chemistry.

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/
physics.grad@asu.edu
480-965-3561

Physics, MS (LAPHYSIMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The Master of Science program in physics provides graduate instruction and research experience appropriate to many physics-related careers. The structure of the program is flexible enough to allow a wide range of programs of study and a wide range of student backgrounds. It is also suitable for part-time study.

Completion of the program requires a minimum of two years, with students typically taking courses for the first three semesters and completing a research project in their final semester. Each student defends a master's degree thesis at the end of the program.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis

The master's degree in physics can emphasize either physics or physics in combination with other fields.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in physics or a closely related field from a regionally accredited institution. To be admitted to the master's degree program in physics without deficiencies, applicants should have adequate undergraduate preparation equivalent to an undergraduate major of 30 credit hours in physics and 20 credit hours in mathematics. Courses in analytic mechanics,

electromagnetism and modern physics, including quantum mechanics, are particularly important.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency in the form of a TOEFL or equivalent score regardless of their current residency.

Financial support in the form of teaching or research assistantships is contingent upon satisfactory performance in coursework, timely completion of the final examination for the master's degree, and need and availability of such support.

Students on probation are offered financial support only under exceptional circumstances.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

As professional physicists, graduates can advance the frontiers of physics by generating new knowledge in their subfield while working on the most challenging scientific problems at the forefront of human understanding. Physicists are valued for their analytical, technical and mathematical skills and find employment in a vast majority of employment sectors, including:

- academia
- engineering
- finance
- technology

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/
physics.grad@asu.edu
480-965-3561

Physics, PHD (LAPHYSIPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in physics is intended for highly capable students who have the interest and ability to follow a career in independent research.

The recent advent of the graduate faculty initiative at ASU extends the spectrum of potential physics doctoral topics

and advisors to include highly transdisciplinary projects that draw upon:

• biochemistry
• biology
• chemistry
• electrical engineering
• materials science
• other related fields

Consequently, students and doctoral advisors can craft novel doctoral projects that transcend the classical palette of physics subjects. Transdisciplinary expertise of this nature is increasingly vital to modern science and technology.

Current areas of particular emphasis within the department include:

• biological physics
• cosmology
• electron diffraction and imaging
• nanoscale and materials physics
• particle physics and astrophysics

The department has more than 90 doctoral students and more than 40 faculty members.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (18 credit hours)
PHY 500 Research Methods (6)
PHY 521 Classical and Continuum Mechanics (3)
PHY 531 Electrodynamics (3)
PHY 541 Statistical Physics (3)
PHY 576 Quantum Theory (3)

Electives or Research (54 credit hours)

Culminating Experience (12 credit hours)
PHY 799 Dissertation (12)

Additional Curriculum Information
Of particular note within the core courses are the PHY 500 Research Methods rotations, which are specifically designed to engage doctoral students in genuine, faculty-guided research starting in their first semester. Students complete three credit hours of PHY 500 in the fall and spring semesters of their first year, for a total of six credit hours.

Coursework beyond the core courses is established by the student's doctoral advisor and supervisory committee, working in partnership with the student. The intent is to tailor the doctoral training to the specific research interests

and aptitudes of the student while ensuring that each graduating student emerges with the expertise, core knowledge and problem-solving skills that define having a successful doctoral degree in physics.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework are made up of electives to reach the required 84 credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in physics or a closely related area from a regionally accredited institution. Applicants must have had adequate undergraduate preparation equivalent to an undergraduate major of 30 credit hours in physics and 20 credit hours in mathematics. Courses in analytic mechanics, electromagnetism and modern physics, including quantum mechanics, are particularly important.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants requesting credit for prior graduate courses taken at ASU or elsewhere must demonstrate mastery of the relevant course material to the graduate-level standards of the Department of Physics.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

As professional physicists, graduates can advance the frontiers of physics by generating new knowledge in their subfields while working on the most challenging scientific problems at the forefront of human understanding. Graduates find positions in a variety of settings, such as administration, government labs, industrial labs and management, and as academic faculty.

Physicists are valued for their analytical, technical and mathematical skills and find employment in a vast array of employment sectors, including:

academia
engineering

finance
technology

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/
physics.grad@asu.edu
480-965-3561

Plant Biology and Conservation, MS (LAPLBIOMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Master of Science program in plant biology and conservation, students receive advanced training in plant molecular and cellular biology, biotechnology, functional genomics, paleobotany, ecology, evolution and floristics, as well as in the theory and practice of conservation biology.

Students have the opportunity to work with faculty and researchers from ASU and the Desert Botanical Garden, located in Phoenix near ASU's Tempe campus.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours and a thesis

Required Core (3 credit hours)
PLB 502 Perspectives in Plant Biology (3)

Research (3 credit hours)
PLB 592 Research (3)

Electives (17 credit hours)

Other Requirements (1 credit hour)
BIO 591 Seminar (1)

Culminating Experience (6 credit hours)
PLB 599 Thesis (6)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in biology, botany or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• academic record form
• personal statement
• curriculum vitae or resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to review the literature relevant to a research question in plant biology and conservation.
Able to execute a research plan of their own design to address a scientific question about plant biology and conservation.
Able to communicate research findings clearly and accurately in oral presentations and in writing to the scientific community and to the public.

Career opportunities

The conservation field demonstrates a growing need for botanists and conservation biologists in academic institutions; agricultural, biotechnological and landscape companies; government agencies; and nongovernmental organizations.

A MS program in plant biology and conservation provides strong preparation for academic careers. The skills and knowledge obtained in this program are also valuable for government careers in federal and state agencies responsible for management and conservation, and for careers in industry and with nongovernmental organizations.

Career examples include:

conservation scientist at a park, natural resource center, museum or national forest
food and agriculture scientist in an academic, private or industrial lab
instructor at a community college

researcher or technician in a government lab or at a nonprofit organization
science teacher in an elementary or high school

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/plant-biology-and-conservation-ms
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Political Psychology, MA (LAPPSMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

Developed as an interdisciplinary program that crosses political science and psychology, the Master of Arts program in political psychology was created to aid in the professional advancement of electoral and issue advocacy campaign professionals, as well as those who work in government, in the private sector or for a nonprofit organization. Students learn the skills they need to mobilize voters and social movements; advance government programs; design successful political communication strategies; and effectively market political candidates for local, state and federal offices.

The program's mission is to educate students in the most recent insights from evidence-based research, prepare students with innovative tools and with knowledge that gives them an advantage over their peers, and encourage hands-on training that ensures they can apply their classroom learning. Students have regular interactions with world-class teachers and researchers who help students learn how to shape the world in a meaningful and positive way.

The School of Politics and Global Studies is host to the Future Security Initiative, the Center for Latina/os and American Politics Research, and the SPGS Experimental Lab. The Department of Psychology hosts 10 doctoral, master's degree and graduate certificate programs that investigate issues such as social influence and persuasion, prejudices and discrimination, and neuroscience and clinical pathology. Faculty members are active in collaborative interdisciplinary research at ASU and with scholars at other universities, and have won many major grants and awards.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Political Science, BA

Political Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (PPS 550)

Required Core (3 credit hours)
PPS 501 Fundamentals of Political Psychology (3)

Other Requirements (6 credit hours)

PPS 504 Attitudes and Persuasion (3)
PPS 506 Experimental Design (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
PPS 550 Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a list of approved elective courses.

Other Requirements coursework may be substituted with approval from the program director. Substitutions are based on student interest in narrowing their specialization with guidance. This program does not seek to replicate existing communications or marketing degrees, but to harness the political psychology perspective as applied to a variety of potential student interests and careers.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A letter of recommendation is strongly encouraged but not required. An academic letter of recommendation is preferred, but a letter from an employer or other supervisor is also acceptable. The letter should address topics such as the applicant's analytical skills, ability to integrate information, level of motivation, ability to meet deadlines, and work ethic. Once the application has been submitted, the listed recommender will receive an email with instructions for providing their recommendation.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/graduate/political-psychology-ma/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared for a variety of careers in politics and related fields. An understanding of how voters make decisions and behave is crucial for jobs in political campaigns, grassroots organizations and political party organizations. The communication skills developed in this program could lead to careers in political marketing or political advertising. Graduates are also prepared for a variety of jobs in local, state or federal government.

Career examples include:

campaign manager
campaign strategist
community organizer
fundraising consultant
issue advocacy consultant
legislative aide
lobbyist
media strategist
political analyst
political marketing manager

Contact information

School of Politics and Global Studies | COOR 6748
https://spgs.asu.edu/degree/graduate/political-psychology-ma
spgs@asu.edu
480-965-8563

Political Science, MA (LAPOLSCMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Arts program in political science offers a variety of areas of specialization within and between the four main subfields of political science --- American politics, comparative politics, international relations and political theory --- with particular strengths in ethnoreligious dynamics, women and politics, political violence, human rights, political psychology, political economy and Latino politics.*

Faculty are also active in collaborative interdisciplinary research at ASU and with scholars at other universities; many have won major grants and awards. The school is host to the Future Security Initiative, the Center for Latina/os and American Politics Research, and an experimental lab. Faculty are also affiliated with other centers at ASU, such as the Leadership, Diplomacy and National Security Lab; the Center for the Study of Religion and Conflict; the Melikian Center for Russian, Eurasian and East European Studies; and the Center for the Study of Economic Liberty.

The program may be taken as a terminal program or as a step toward eventual fulfillment of the requirements for the doctorate. Students who plan to obtain the doctorate at ASU should apply directly to the doctoral program.

*Students interested in a political theory specialization should consult with the academic unit before applying.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Politics and the Economy, BS

Political Science, BA

Global Studies, BA

Political Science, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours and a thesis

Required Core Course (3 credit hours)
POS 503 Empirical Political Inquiry (3)

Other Requirements (6 credit hours)
focus area course (3)
POS 603 Polimetrics I or second focus area course for political theory (3)

Electives (15 or 21 credit hours)

Culminating Experience (0 or 6 credit hours)
POS 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students who select the thesis option must submit a written thesis and hold an oral defense. Students who select the portfolio option must submit a written paper and hold an oral defense.

The course POS 603 Polimetrics I may be substituted with permission of both the director of graduate studies and the faculty advisor. Students in the political theory focus area take a second focus area course instead of POS 603.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• personal statement
• writing sample
• three letters of recommendation
• list of political science courses taken
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should be one to three pages and describe the areas of political science the applicant wishes to study, postgraduation goals, and why the School of Politics and Global Studies is the best fit. Applicants may also mention any faculty members with whom they are interested in working and explain why, and provide context for any discrepancies in their educational background.

The writing sample is typically a research paper or other similar paper that demonstrates the applicant's critical thinking and writing skills in political science or a related field. There is no length requirement for the writing sample, but it should be a sufficient length for the admission committee to evaluate the applicant's knowledge and skills.

To assist in evaluating all candidates, the applicant should list titles and related information for all previous undergraduate and graduate courses or coursework in political science or related fields. The list must be saved as a .pdf, .doc, .rtf or .txt file and uploaded with the online graduate admission application. The information should be in a table with the following column headings: Course Title, Undergrad Credit Hours, Graduate Credit Hours, Grade, Institution, Year.

Undergraduate coursework in political science is not a prerequisite for admission. However, master's degree students should have a basic understanding of elementary statistics and the undergraduate content of the political science fields of concentration that they wish to study. Students should allow sufficient time to acquire such a background.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared for research or applied careers in political science in government, nonprofits and the private sector. Career examples include:

campaign consultant
campaign strategist
data analyst
lobbyist
research specialist

Contact information

School of Politics and Global Studies | COOR 6801
https://spgs.asu.edu/degree/graduate/political-science-ma
spgs@asu.edu
480-965-8563

Political Science, PHD (LAPOLSCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in political science is intended to develop scholars who demonstrate a high level of excellence in teaching and research as professional political scientists. It offers a variety of areas of specialization within and between the four main subfields of political science: American politics, comparative politics, international relations and political theory. Students interested in a political theory specialization should consult with the academic unit prior to application.

Program faculty have particular strengths in Latino and Latina politics, women and politics, ethnoreligious dynamics, political violence, human rights, political psychology and political economy.

The school is host to the Center for Latina/os and American Politics Research, the Future Security Initiative and an experimental lab. Faculty are also affiliated with other centers at ASU, such as the Leadership, Diplomacy and National Security Lab; the Center for the Study of Religion and Conflict; the Melikian Center for Russian, Eurasian and East European Studies; as well as the Center for the Study of Economic Liberty. Many faculty members are active in collaborative interdisciplinary research at ASU and with scholars at other universities, and they have won major grants and awards, as have the school's doctoral students.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
POS 503 Empirical Political Inquiry (3)

Electives and Research (69 credit hours)

Culminating Experience (12 credit hours)
POS 799 Dissertation (12)

Additional Curriculum Information
A maximum of 12 credit hours of approved coursework outside the department but within ASU may count toward the required 84 credit hours.

Coursework beyond the 12-credit-hour maximum may be taken outside the department with permission of both the director of Graduate Studies and the faculty advisor.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives and research to reach the required 84 credit hours.

Also required is a formal oral defense of the dissertation and a written comprehensive examination in the major field.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• GRE scores
• three letters of recommendation
• list of political science courses taken
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

To assist in evaluating all candidates, the applicant should list titles and related information for all previous undergraduate and graduate courses or coursework in political science or related fields. The file must be saved in a .pdf, .doc, .rtf or .txt format and uploaded with the online graduate admission application. The information should be in a table with the following column headings: Course Title, Undergrad Credit Hours, Graduate Credit Hours, Grade, Institution, Year.

Undergraduate coursework in political science is not a prerequisite for admission. However, applicants to the doctoral program should have a basic understanding of elementary statistics and the undergraduate content of the political science fields of specialization that they wish to study. Students without this background should allow sufficient time to acquire it.

The personal statement (one to three pages) should describe the areas of political science the applicant wishes to study, postgraduation goals, and why the School of Politics and Global Studies is the best fit for the applicant. Applicants may also mention any particular faculty members with whom they are interested in working and why, as well as provide context for any discrepancies in their educational background.

The writing sample is typically a previously written research or other similar paper that best demonstrates the applicants critical thinking and writing skills in political science or a related field. There is not a length requirement for the writing sample, but it should be of sufficient level to allow the admission committee to evaluate the applicant's knowledge and skills.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Program graduates have a strong track record of obtaining positions in academic, public and private sectors. The program works closely with students so they have the opportunity and tools needed to achieve their career goals. The

doctoral program provides advanced education for graduates preparing for teaching, research or applied careers in political science in government, nonprofits and the private sector.

Career examples include:

- campaign consultant
- campaign strategist
- data analyst
- lobbyist
- research specialist
- tenure-track or instructional faculty in political science

Contact information

School of Politics and Global Studies | COOR 6801
https://spgs.asu.edu/degree/graduate/political-science-phd
spgs@asu.edu
480-965-8563

Psychology (Quantitative Research Methods), PHD (LAPSYQUPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in psychology with a concentration in quantitative research methods offers an immersive education in advanced statistical techniques and research methodologies that are employed in the conduct of both basic and applied psychological research.

A collaborative, interdisciplinary approach to research empowers students to deepen their understanding and tackle key issues, such as exploring the limits of existing methods, pushing the methodological frontiers forward, evaluating the effectiveness of established and emerging methodologies, and improving the robustness of psychological research through innovative measurements and analytical methods.

What sets this program apart is its distinguished, award-winning faculty members, known for their expertise and dedication to training the next generation of psychological methodologists. Alongside the faculty, students gain practical experience and master techniques in the areas of measurement, study design, data analysis, statistical modeling, and evaluation of the utility of new and existing methods.

Graduates of this program emerge as experts in quantitative research who are prepared to make meaningful contributions to the field by developing and applying sophisticated statistical and methodological solutions to address pressing research issues.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 or 4 credit hours)
PSY 502 Professional Issues in Psychology (3) or
PSY 531 Multiple Regression in Psychological Research (4)

Concentration (3 credit hours)
PSY 533 Structural Equation Modeling (3)

Other Requirements (31 credit hours)
PSY 530 Intermediate Statistics (4)
PSY 532 Analysis of Multivariate Data (3)
PSY 534 Psychometric Methods (3)
PSY 536 Statistical Methods in Prevention Research (3)
PSY 537 Longitudinal Growth Modeling (3)
PSY 538 Advanced Structural Equation Modeling (3)
PSY 539 Multilevel Models for Psychological Research (3)
PSY 540 Missing Data Analysis (3)
PSY 543 Statistical Mediation Analysis (3)
PSY 555 Experimental and Quasi-experimental Designs for Research (3)

Electives (22 or 23 credit hours)

Research (12 credit hours)

Culminating Experience (12 credit hours)
PSY 799 Dissertation (12)

Additional Curriculum Information
Electives are determined in consultation with the student's supervisory committee.

Other requirements courses may be substituted for other courses based on consultation with the student's supervisory committee.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• SlideRoom application and fee
• statement of purpose form
• curriculum vitae or resume
• GRE scores (optional)
• three letters of recommendation

• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The GRE is not required for admission. If an applicant wants to submit GRE scores, please note that ASU does not accept the GRE® General Test at home edition.

To apply to the doctoral program, applicants must follow the instructions on the doctoral program admission instructions and checklist. It is strongly recommended that applicants download and print the instructions and checklist to ensure completion of the application process and that all required supplemental forms are included.

The Department of Psychology application process is completed online through ASU Admission Services, which includes the application form and official transcripts. Application to the Department of Psychology doctoral programs is also completed via SlideRoom, for processing of supplemental application materials. The SlideRoom account requires an additional fee.

Applicants must submit three academic letters of recommendation from faculty members who know the student well. Three letters are required, but four letters of recommendation may be submitted.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically evaluate existing psychological literature to identify novel research questions within quantitative psychology.
Design an independent study to test theoretical models of human behavior, utilizing sophisticated statistical methods.
Integrate their research findings within the larger context in their field to identify limitations and provide areas for future direction.
Effectively communicate research findings through written publications and oral presentations.

Career opportunities

Quantitative psychologists possess advanced statistical and methodological expertise applicable to various research challenges. While rooted in psychology, their skills find broad applications in fields such as education, heath, neuroscience and marketing. Graduates of the doctorate in psychology (quantitative research methods) program excel in interdisciplinary collaboration and effective communication of complex ideas.

Potential careers include roles as:

consultants
data scientists
policy analysts
psychology professors
psychometricians
research scientists

Contact information

Department of Psychology | PSY 201
https://psychology.asu.edu/admissions/doctoral-admissions/requirements
psychgrad@asu.edu
480-727-4561

Psychology, PHD (LAPSYCHPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in psychology offers comprehensive training in innovative research methods and the application of psychological principles across various human conditions. This program stands out with six highly ranked areas of study:

• behavioral neuroscience and comparative psychology
• clinical psychology
• cognitive psychology
• developmental psychology
• quantitative research methods (formal degree concentration (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LAPSYQUPHD/psychology-quantitative-research-methods-phd))
• social psychology

Each specialization shapes the core curriculum for its students, encouraging interdisciplinary learning opportunities across the university.

Faculty members engage students in groundbreaking research, fostering theoretical exploration in areas such as evolution and behavior; cognitive processes such as attention and memory; personality studies; and societal issues such as stigma and prejudices. Students investigate diverse topics, including individual resilience, cultural influences, neurobiological and psychosocial factors impacting behavior and health, child mental health prevention and life span developmental aspects of emotion and cognition.

A distinct strength of this doctoral psychology program is the wealth of outstanding faculty members who excel in quantitative methods. No matter their specialized area of focus, students gain access to a wide variety of courses and hands-on experiences, seamlessly integrating quantitative methodologies into their work.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 or 4 credit hours)
PSY 502 Professional Issues in Psychology (3) or
PSY 531 Multiple Regression in Psychological Research (4)

Electives and Research (68 or 69 credit hours)

Culminating Experience (12 credit hours)
PSY 799 Dissertation (12)

Additional Curriculum Information
In addition to required coursework pertaining to the training area, students take courses related to their area of interest, as determined in consultation with their supervisory committees. Requirements vary across training areas.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Due to the competitiveness of the program, applicants to the clinical area must have a minimum cumulative GPA of 3.30 rather than 3.00 in either their first bachelor's or applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• SlideRoom application and fee
• statement of purpose form
• curriculum vitae or resume
• GRE scores
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

ASU does not accept the GRE® General Test at home edition.

To apply to the doctoral programs, applicants must follow the instructions on the doctoral program admission instructions and checklist. It is strongly recommended that applicants download and print this form to ensure completion of the application process and to include all of the required supplemental forms.

The Department of Psychology application process is completed online through ASU's graduate admission services, which includes the application form and official transcripts. Application to the Department of Psychology doctoral programs is also completed via SlideRoom, for processing of supplemental application materials. The SlideRoom account requires an additional fee.

Applicants must submit three academic letters of recommendation from faculty members who know the student well. Three letters are required, but four letters of recommendation may be submitted.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically evaluate existing psychological literature to identify novel research questions within their area of specialization.
Design an independent study to test theoretical models of human behavior, utilizing appropriate statistical methods.
Integrate their research findings within the larger context in their field to identify limitations and provide areas for future direction.
Effectively communicate research findings through written publications and oral presentations.

Career opportunities

The PhD in psychology opens up diverse career opportunities across academia, education, health care, industry, government and community organizations. This program equips graduates with a versatile skill set in research design, data analysis, measurement, mental health assessment, treatment and program evaluation.

Graduates are prepared for impactful roles such as consultants, data scientists-biostatisticians, program evaluation specialists, licensed clinical psychologists, psychology professors, research associates, research professors, senior analysts, staff psychologists and teaching faculty.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Department of Psychology | PSY 201
https://psychology.asu.edu/admissions/doctoral-admissions/requirements
psychgrad@asu.edu
480-727-4561

Public History (Certificate), Certificate (LAPHGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The graduate certificate program in public history offers students the opportunity to explore local and community history, digital humanities, historic preservation, oral history, cultural resources management, historical administration, museum studies, archival training and scholarly publishing. Students work with faculty and conduct research in a variety of historical and applied fields, all of which emphasize the intersection of theory and practice in public history.

By its nature, public history training must move beyond the classroom. With a professional experience built in conjunction with community partners, students can develop their professional networks and be introduced to processes and settings, enhancing their career prospects.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
HST 502 Public History Methodology (3)
HST/WWS 585 Professional Experience (3)

Other Requirements (3 credit hours)
HST 580 Practicum (3) or
HST/WWS 585 Professional Experience (3) or
WWS 563 The Lived Experience of World War II (3)

Electives (6 credit hours)

Additional Curriculum Information
HST 585 Professional Experience is crosslisted with WWS 585 Professional Experience; students can take either section to fulfill certificate requirements. For Other Requirements coursework, students complete either an additional three credit hours of HST/WWS 585 or WWS 563 The Lived Experience in World War II, or take an HST 580 course from an approved list. Students should see the unit for an approved list of Other Requirements courses and elective topics.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• writing sample
• two letters of recommendation*
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The history program requires a TOEFL iBT® score of at least 90, taken in a testing center.

The personal statement, about 500 words in length, should be addressed to the history admission committee and should explain the applicant's scholarly background and training, career goals, and experiences in or thoughts about how they have, or would like to, put history to work in the world and how ASU's public history program might help them reach their career or intellectual goals as a historian.

A sample of the applicant's written work should be submitted electronically as part of the online application.

Compelling writing samples include a strong thesis, demonstrated use of primary and secondary source evidence, and solid writing foundations (such as proper grammar and logical organization). The writing sample may be a published or unpublished article, a research paper, or any other extended sample of expository skill no longer than 35 pages.

All applications are reviewed by multiple ASU faculty members and assessed holistically to determine whether they demonstrate the capacity to succeed in a rigorous and writing-intensive graduate program. This decision is made on the basis of prior coursework (particularly in history and other social sciences) and the quality of the written statement and the personal statement. Applicants who have not taken coursework in history are eligible to apply to the program but should have a strong written statement.

*Letters of recommendation may be waived for applicants who have already completed a Master of Arts in history or are currently enrolled in the MA program in history at ASU.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/public-history/) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/students/graduate-students) is possible for graduate students. There are more than 50 program opportunities, with programs on every continent. Faculty-directed programs tend to be the best fit for graduate students; taking courses with ASU professors over the summer or during academic breaks offers students close mentorship and professional network growth in many fields of study while they earn ASU credit. Exchange program participation is also possible with careful planning.

Within the public history certificate program, students also have the option to organize a professional experience opportunity that can take place abroad. Students need to consult with the academic unit directly for more information about these professional experience options.

Career opportunities

Graduates have the theoretical knowledge and practical, hands-on training experience needed for careers in research, teaching, government service, public history and a host of other positions in the public, private and nonprofit sectors.

Graduates serve as first-rate historians, researchers and consultants, foreign service officers, management professionals, community organizers and public servants.

Other career examples include:

archivist
editor
historical collections manager
museum director
national parks historian or park ranger
nonprofit director

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu

SHPRSGradInfo@asu.edu
480-965-5778

Religious Studies, MA (LARELIGMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Master of Arts program in religious studies, students develop greater expertise regarding the nature and role of religion around the world.

Candidates are offered an opportunity to develop knowledge of various religious traditions in their historical and cultural contexts and to learn research methods. Although students often concentrate upon a single religious tradition for their thesis work, the program provides a broadly comparative understanding of religions, not simply a specialist's training in a single tradition.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (REL 593) and a foreign language exam, or
30 credit hours, a thesis and a foreign language exam

Required Core (6 credit hours)
REL 501 The Study of Religion I: Genealogies, Disciplines and Power (3)
REL 502 The Study of Religion II: Epistemology, Practice and Mediation (3)

Electives or Research (18 or 21 credit hours)

Culminating Experience (3 or 6 credit hours)
REL 593 Applied Project (3) or
REL 599 Thesis (6)

Additional Curriculum Information
There are two options for the culminating experience: a thesis or an applied project. An oral defense of the final written work is required for both options.

The thesis option is recommended for students intending to seek admission to a doctoral program upon completion of the master's degree or for students who plan to teach in the discipline at community colleges. Thesis students must have reading knowledge of all languages relevant to the proposed thesis topic and take 18 credit hours of electives or research coursework.

The applied project option is recommended for students intending to augment their primary area of expertise and professional training in fields such as counseling, journalism, K--12 education, law, social work and the ministry. The applied project requires submission of three publishable papers: one on theory and method, one on the student's minor area of study, and one on the major area of study. The student's chosen areas of study determine the coursework taken as electives, with applied project students taking 21 credit hours of electives coursework, four courses being in a major area of study and two courses being in a minor area. Reading knowledge of a foreign language relevant to the proposed area of study is required.

The student's plan of study may include up to six credit hours of 400-level coursework or one REL 690: Reading and Conference course with department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Transcripts must show evidence of having completed the equivalent of 15 credit hours of undergraduate work in the study of religions, including advanced courses in both Western and Asian or other non-Western religions. Applicants who have not met this requirement may be required to take additional coursework beyond program requirements.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.50 or higher.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae
• writing sample
• contact information for three references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students are required to submit contact information for three academic references who are qualified to provide detailed, accurate evaluations of the applicant's potential as a graduate student in religious studies. Professors are preferred, particularly faculty advisors. Recommenders are contacted by the Graduate College with a request to complete a reference questionnaire.

The statement of purpose should be approximately 1,000 words and should outline the applicant's academic background, career goals and specific areas of interest in religious studies.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Students will be able to critique and evaluate classical and contemporary theoretical approaches through the examination and evaluation of supporting literature and data in the academic study of religion.
> Students will be able to develop important research questions through critical analysis of primary and secondary sources.
> Students will engage in original research leading to understanding and explaining developments in religion and their broader impact and to present their findings in a clearly written prospectus proposal and defense.

Career opportunities

The MA program in religious studies provides graduates with training and knowledge relevant to careers in government, nongovernmental organizations, nonprofit organizations, global relationships, intercultural understanding, foreign service, researchers, professional writing, journalism and publishing.

Career examples include:

book editor
community college instructor
foreign service employee
global affairs writer
nongovernmental organization professional
nonprofit management

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu/degree/graduate/religious-studies-ma
SHPRSGradInfo@asu.edu
480-965-5778

Religious Studies, PHD (LARELIGPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The academic study of religion is a central component of the humanities and has become increasingly recognized as a critical tool in understanding society and politics in a globalized world.

The Doctor of Philosophy program in religious studies helps graduate students develop greater expertise regarding the nature and role of religion around the world. The program provides supplementary training that includes history, anthropology, political science, journalism, secondary education and justice studies.

Doctoral focus areas in the study of religion approach the study in a variety of contexts. Focused areas offered are in:

• anthropology of religion
• global Christianity
• Islam in global contexts
• religion in Asia
• religion in the Americas

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
REL 501 The Study of Religion I: Genealogies, Disciplines and Power (3)
REL 502 The Study of Religion II: Epistemology, Practice and Mediation (3)

Other Requirement (3 credit hours)
REL 700 Research Methods (3)

Electives (51 credit hours)

Research (12 credit hours)
REL 792 Research (12)

Culminating Experience (12 credit hours)
REL 799 Dissertation (12)

Additional Curriculum Information
Students must choose one of the five focus areas that are listed in the program description, and they select courses for the focus area as part of their electives in consultation with their supervisory committee.

As part of the electives, students may include up to three credit hours of REL 690 Reading and Conference. Additionally, students may select up to six credit hours of graduate-level courses from a related discipline that support the student's research.

Other requirement course REL 700 may be substituted with approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives and research.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution. Transcripts must show evidence of having completed the equivalent of 15 credit hours of undergraduate work in the study of religions, including advanced courses in both western and Asian or other nonwestern religions. Applicants who have not met this requirement may be required to take additional coursework beyond program requirements.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.50 or higher.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• curriculum vitae
• writing sample
• contact information for three references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The statement of purpose should be approximately 1,000 words describing the applicant's academic background, the reasons for wishing to pursue a doctorate in religious studies, the proposed area of specialization and specific research

topics the student plans to engage in at ASU.

The writing sample should be a work of original scholarly writing, approximately 15 to 30 pages in length. It should represent the student's best academic writing.

Students are required to submit contact information for three academic references who are qualified to provide detailed, accurate evaluations of the applicant's potential as a graduate student in religious studies. Professors, particularly faculty advisors, are preferred. Recommenders are contacted by the Graduate College with a request to complete a reference questionnaire. Letters of recommendation can be submitted in addition to answering these questions online.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will analyze and present theories and methods in the study of religion through in-class discussion, oral presentation and submission of an original written seminar paper.
Students will critically analyze religions by formulating research questions, examining various kinds of qualitative data, and drawing connections to relevant secondary literatures.
Students will conduct original research through a doctoral study drawing connections to relevant secondary literature, collect and analyze primary data, communicate, and defend responses to research questions.

Career opportunities

Graduates possess training and knowledge relevant to careers in a variety of different roles and in a range of employment sectors. Some typical employers include government agencies, especially the U.S. Department of Health and Human Services; nongovernmental organizations; schools, colleges and universities; charities and nonprofit organizations; social services; and churches and other religious organizations.

Career examples include:

book editor
case management director
church administrator
foreign service employee
global affairs writer
nongovernmental organization professional
nonprofit manager
professional researcher and writer
university instructor

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu/degree/graduate/religious-studies-phd
SHPRSGradInfo@asu.edu
480-965-5778

Scientific Teaching in Higher Education (certificate), Certificate (LASTHEGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in scientific teaching in higher education provides graduate students with the skills and knowledge needed for implementing and evaluating evidence-based teaching at the college level.

As part of the program, students gain experience teaching science in a higher education setting, take teaching-related coursework, and complete a culminating experience under the guidance of a scientific teaching faculty mentor. This culminating experience can be either a significant teaching experience, including the use of evidence-based teaching, or discipline-based education research focused on undergraduate science education.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required applied project course (BIO 593)

Required Core (2 credit hours)
BIO 530 Scientific Teaching (2)

Electives (10 credit hours)

Culminating Experience (3 credit hours)
BIO 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before they are considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in scientific teaching are in high demand in academia and educational institutions, and the skills and knowledge they obtain in this program are also valuable for careers in federal and state agencies that are responsible for educational policy, as well as in industry and nongovernmental organizations.

Career examples include:

educator in a nonprofit organization or government agency
elementary or high school science teacher
professor or instructor at a college or university

Contact information

School of Life Sciences | LSA 181
https://sols.asu.edu/degree/graduate/scientific-teaching-in-higher-education-certificate-cert
sols.grad@asu.edu
480-965-1768
Admission deadlines (https://sols.asu.edu/admission/graduate/deadlines)

Sexuality Studies (Certificate), Certificate (LASXSGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in sexuality studies addresses the social construction, political economy, and cultures of sexualities and genders. This program interrogates heterosexuality and institutionalized heteronormativity and cisgenderism, and addresses lesbian, gay, bisexual, transgender, queer and two-spirit identities and expressions as well as nonnormative sexual and gender identities that are not reflected by LGBTQ+ categories.

Students in the program have the flexibility to complete courses in, on and about sexuality and gender defined broadly, which are offered across disciplines and units at ASU. Students gain theoretical and analytic tools to examine gendered and racialized sexual structural inequities and how social issues, economic inequalities and state institutions shape and are shaped by sexuality as an ever-changing and contested social norm. In addition, the certificate program enables students to further investigate sexualities in relation to other social categories and identities, sexual stratification, reproductive rights and justice, sexual health and justice, carceral genders and sexualities, sex work, the state and legal system, transnational and diasporic formations of sexualities and genders, and the associated social movements that challenge institutionalized barriers to sexuality and gender justice. The program integrates disciplinary, multidisciplinary and interdisciplinary perspectives.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
SST 604 Sexuality Studies (3)

Electives (12 credit hours)

Additional Curriculum Information

For elective coursework, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a statement of purpose for pursuing the certificate
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

The program is open only to current ASU degree-seeking students. However, with academic unit and Graduate College approval, up to nine credit hours of ASU nondegree credit may be transferred to the certificate program for those who eventually gain admission to an ASU graduate degree program. This is administered by the graduate certificate committee. Students should refer to the Graduate College policy on certificate programs.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Students in the sexuality studies certificate will be able to analyze how sexuality has been conceptualized and understood as an interdisciplinary category of analysis across the humanities, social sciences and behavioral sciences.
> Students completing the certificate will be able to articulate key theories that have contributed to the development of sexuality studies and their significance.

Career opportunities

Graduates have gone on to careers at universities, research and policy institutes, government organizations and nonprofit organizations.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Social Science Research Methods (Certificate), Certificate (LASSRMGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley

Program description

Many of the biggest problems today --- such as tracking the outbreak of diseases, managing scarce water resources or understanding the impact of new technologies --- require collaboration across the medical sciences, the physical and biological sciences, the social sciences, and engineering. ASU's emphasis on collaborative work across disciplines is crucial for understanding these complex problems and to develop solutions.

The interdisciplinary graduate certificate program in social science research methods prepares students to acquire, manage and analyze a broad range of data on human thought and human behavior. Data can be qualitative (e.g., text, images or sound) or quantitative (e.g., direct observation, surveys or geospatial). Data acquisition skills may include the downloading and managing of information from online sources or the primary collection of data in surveys or in direct observation. A key feature of this program is a focus on data analysis, so students and professionals are able to analyze and interpret any data that they can collect. All students in this program demonstrate skills in statistical analysis as well as a selection of methods related to their interests.

This program is designed for applicants who hold a minimum of a bachelor's degree from regional, national or internationally accredited institutions, and in any field or discipline (e.g., anthropology, sociology, human development, sustainability, geography, political science or other fields with approval of the academic unit).

STEM-OPT extension eligible: No

Degree requirements

18 credit hours including the required applied project course (GCU 593)

Required Core (3 or 4 credit hours)
FAS 508 Structural Equation Analysis for the Social Sciences (3) or
PSY 531 Multiple Regression in Psychological Research (4) or
SOC 508 Structural Equation Analysis for the Social Sciences (3) or
STP 530 Applied Regression Analysis (3) or
STP 531 Applied Analysis of Variance (3) or
STP 533 Applied Multivariate Analysis (3)

Electives or Research (11 or 12 credit hours)

Culminating Experience (3 credit hours)
GCU 593 Applied Project (3)

Additional Curriculum Information
Students select one of the multivariate data analysis core courses for a total of three or four credit hours.

Students select four elective and research methods courses for a total of 11 or 12 credit hours in consultation with the program directors. The program recognizes that other graduate-level courses on research methods are offered at ASU. Advanced courses on methods are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their certificate curriculum with approval of the program directors.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution in a field such as human development, sustainability, geography or political science. Other subject areas may be accepted with approval from the academic unit.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must have completed an introductory statistics course before admission to the program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of interest
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Examples of introductory statistics courses include:
CRJ 504 Statistical Tools for Criminology and Criminal Justice
NUR 617 Foundational Concepts in Science and Statistics
POS 603 Polimetrics I
STP 530 Applied Regression Analysis
or equivalent with approval of the academic unit

A statement of interest should include how the certificate program will enhance the applicant's graduate studies or professional work.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Conduct expert multivariate data analysis in social science research.
Perform the appropriate research method(s) to a research question identified in order to answer the question.

Career opportunities

Professionals with expertise in social science research are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in data acquisition, management and analysis are valuable to businesses and institutions relying on data-driven strategies in an interdisciplinary and collaborative marketplace.

Career examples include:

data analyst
economist
field researcher
human behavior researcher
social science research assistant
statistician

Contact information

School of Geographical Sciences and Urban Planning | COOR 5544
https://issr.asu.edu
sgsup.gradprograms@asu.edu
480-965-5005

Social Transformation (Certificate), Certificate (LASOTGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate program in social transformation is designed for graduate and postbaccalaureate students interested in how change is catalyzed by social movements, protest, law, social entrepreneurship, activism and community organizing. Through the exploration of theories and research related to social change, students augment their disciplinary degrees and are prepared to contribute as leaders and changemakers in their communities.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
SST 501 Foundations of Social Transformation (3)

Electives (12 credit hours)

Additional Curriculum Information
The electives taken are selected with the faculty advisor, who helps ensure they have a common theme and that students' experiences in the courses align with the learning goals outlined for the certificate.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Students must submit a statement of purpose, no longer than 250 words, to the School of Social Transformation. The statement should indicate a demonstrated interest in the study of social transformation (e.g., previous coursework, professional experience, internships, career plans).

Applicants must meet the above criteria and have strong academic credentials, including their undergraduate or graduate GPA, and demonstrated interest in the area of social transformation, as judged by the School of Social Transformation graduate committee. The committee reviews applications for the certificate program in the fall and spring semesters of each year and makes its admission recommendations to ASU Graduate Admission Services.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Demonstrate knowledge of social theory, concepts and research methods to understand social change issues and analyze solutions to social problems.
> Apply the foundations and principles of social change theory and research to specific domestic or international issues through advanced research.

Career opportunities

Certificate graduates may go on to law school, graduate school or other professional degree programs. Potential career options include working as community organizers, youth and community advocates, community-based researchers and social justice consultants.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Social and Cultural Pedagogy, MA (LASCPMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Arts program in social and cultural pedagogy is a two-year program designed for educators with professional experience who seek to develop applicable skills and practical knowledge to help them accomplish specific career goals.

After they are equipped with philosophical, theoretical and practical knowledge on social pedagogy, students are able to analyze social structures and cultural dynamics and work with communities to address complex societal problems through the design, implementation and evaluation of socio-educational strategies.

Students have the opportunity to create an individualized path of study that accommodates their personal interests and career goals. Students can also join a vibrant university club (Social and Cultural Pedagogy Graduate Organization), a national organization of scholars and practitioners (Social Pedagogy Association) and an international organization (Global Alliance for Social Pedagogy and Social Education).

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Justice Studies, BA

Justice Studies, BS

Asian Pacific American Studies, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (SST 593)

Required Core (9 credit hours)
JUS 500 Research Methods (3)
SST 501 Foundations of Social Transformation (3)
SST 510 Social and Cultural Pedagogy: Theoretical and Practical Issues (3)

Electives (15 or 18 credit hours)

Culminating Experience (3 or 6 credit hours)
SST 593 Applied Project (3) or
SST 599 Thesis (6)

Additional Curriculum Information
Students who elect to complete the applied project option must take 18 credit hours of elective coursework to reach the required 30 credit hours for the program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution recognized by ASU.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL scores are required for applicants whose native language is not English.

Applicants should supply a two- to three-page application letter (writing sample) in which they explain why they want to study in this program and why they feel well prepared to succeed in the program.

The resume should describe the applicant's educational history, related work or volunteer experiences.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Graduates will demonstrate an understanding of key theories and concepts in the field of social and cultural pedagogy in both their written and oral presentation work.
> Graduates of the program will demonstrate the ability to interpret and conduct quantitative and qualitative research.

At the completion of the program, students will demonstrate knowledge of social transformation and social change through an interdisciplinary lens and use an interdisciplinary or multidisciplinary approach to address social and cultural pedagogy issues and solutions in their projects.

Career opportunities

Graduates are able to contribute to a better future via traditional, nontraditional and nonformal educational settings; these include early childhood education programs, schools, youth programs, local governments, nongovernmental organizations, museums, nonprofits, intercultural programs, cooperatives, citizenship education programs, human rights programs, antipoverty programs, community development programs, literacy programs, community centers and social movements.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu/
SSTgraduate@asu.edu
480-965-7682

Socio-Economic Justice (certificate), Certificate (LAECJUGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

This transdisciplinary graduate certificate in socio-economic justice enables students to develop expertise in ideas and policies about the social and political phenomena that impact the material condition of injustices.

Students investigate the local and global conditions that give rise to economic and ecological precarities and social inequalities, as well as the practices that enable alternative economic approaches to wealth and labor, including wealth sharing, land and food sovereignty, and solidarity economy. The program fuses interests in political economy, structural inequalities and economic justice, allowing students to develop specialization and expertise in research and policy design in broad areas such as wealth sharing, income and land distribution, housing, food justice, employment and education.

This program complements the current graduate curriculum at ASU. It is structured to allow students to draw on a combination of core courses in justice and social inquiry, and coursework from units in the School of Social Transformation and throughout the university. The approach is transdisciplinary (i.e., inclusive of courses in a variety of disciplines but transcending disciplinary boundaries through an integrative core curriculum), intersectional (i.e., considering gender, sexual, race, class, disability and national relations), and transnational (courses that examine global and local concerns). It is designed to enable students to deepen their knowledge about, and develop research familiarity with, the many facets of the global economy and its adverse effects on social and planetary justice.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
Students must select one course from each of the following two areas of study:

Economic Justice (3 credit hours)
JUS 550 Gender, Race and Economic Justice (3) or
JUS 660 Globalization and Economic Justice (3)

Conducting Research in Communities (3 credit hours)
JHR 525 Critical Methodologies in Social Justice and Human Rights (3) or
JUS 633 Community Research (3)

Electives (9 credit hours)

Additional Curriculum Information
Students must select three elective courses on socio-economic justice from a restricted list; they should see the academic unit for the full list of possible courses.

Only one 400-level course may be listed on the plan of study. Students must have prior approval from the director of the certificate program to use any 400-level course.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• at least one letter of recommendation
• statement of purpose for pursuing the certificate
• writing sample demonstrating excellent writing and analytical skills
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

The letter of recommendation, statement of purpose and writing sample should be submitted to the justice and social inquiry program office.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Students completing the graduate certificate in socioeconomic justice will demonstrate the ability to conduct systematic analyses (quantitative and qualitative) of the social and political dimensions of global and local economics and their implications for social justice.
> Students completing the graduate certificate in socioeconomic justice will demonstrate knowledge of socio-economic and intersectional dimensions of justice, in relation to public policies at the local, national and global level.

Career opportunities

Graduates are prepared to work in government, law, justice-related organizations, and research think tanks; teach at community colleges; and pursue further graduate studies in justice-related fields.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTgraduate@asu.edu
480-965-7682

Sociology, MA (LASOCMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

In the Master of Arts program in sociology, students preparing for applied careers in sociology receive advanced training.

Students gain knowledge and skills to analyze societal structures, institutions and behaviors to identify, assess and solve social problems. They develop an understanding of how social context influences well-being and an understanding of the factors that promote successful relationships and positive outcomes.

The online format provides easy access to rigorous and valuable information that informs best practices in improving the lives of individuals, families and communities. The program also includes a customizable culminating experience that allows students to focus their training in their areas of interest and work.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sociology, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (SOC 588)

Required Core (6 credit hours)
SOC 585 Sociological Theory (3)
SOC 586 or FAS 586 Masters Professional Development (3)

Electives (15 credit hours)
diversity course (3)
other elective coursework (12)

Other Requirements (6 credit hours)
SOC 500 Research Methods (3)
SOC 501 Social Statistics (3)

Culminating Experience (3 credit hours)
SOC 588 Capstone Culminating Experience (3) or FAS 588 Capstone Culminating Experience (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives. The diversity course and other elective coursework are chosen with approval by the academic advisor. SOC 500 and SOC 501 may be replaced by equivalent courses with approval from the academic advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate coursework
• current resume or curriculum vitae
• a personal statement of goals relevant to the program
• two letters of recommendation (academic or professional)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement must be two to three pages, double-spaced, and it should address the applicant's professional goals, their strengths for success in the program, and any relevant professional experience or responsibilities they have completed.

Letters of recommendation must be from at least two individuals with a professional or academic background and connection to the applicant. Family members and friends do not meet this criterion. Letters of recommendation must be received electronically.

Applicants should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-sociology/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze a topic related to sociology, both individually and collaboratively.
Articulately discuss research on a topic related to sociology.
Apply empirically-based information to approved hands-on field experience.

Career opportunities

Professionals with expertise in research methodologies and data analysis coupled with an understanding of social and cultural issues and social change are sought-after in areas such as human services, human resources, education, public policy and community service in the social service, business and nonprofit sectors.

Career examples include:

advocate
case manager
community health worker
mediator
nonclinical health care staff
outreach coordinator
probation officer
program manager
research coordinator
social and community services manager
social worker
sociologist
sociology instructor

Although the program content is beneficial to therapists and counselors, this degree does not enable students to seek licensure as a professional counselor or therapist; that requires the completion of an additional program or degree.

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/degree/graduate/sociology-ma
graduatesanford@asu.edu
480-965-6875

Sociology, PHD (LASOCPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Doctor of Philosophy program in sociology, students receive advanced training in theory, research methodology and substantive fields. They are prepared for teaching and research, with special emphasis on inequality and power; law and society; race and ethnicity; Latino sociology; health; and children, youth and families.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
SOC 603 Perspectives in Sociological Inquiry (3)
SOC 685 Applied Social Theory (3)

Theory (3 credit hours)
SOC 585 Sociological Theory (3)

Methods (3 credit hours)
SOC 591 Topic: Qualitative Research Methods (3)

Statistics (3 credit hours)

Other Requirements (3 credit hours)
SOC 791 Topic: Integrative Research (3)

Elective and Research (54 credit hours)

Culminating Experience (12 credit hours)
SOC 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's department and the Graduate College, 30 credit hours from a previously awarded master's degree can be used for this degree.

A minimum of 30 credit hours of the approved doctoral program, excluding dissertation and research hours, must be completed after admission to the program.

A qualifying exam, a written comprehensive exam, a prospectus and a dissertation are required.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in sociology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable bachelor's or master's

degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current resume or curriculum vitae
• personal statement detailing professional goals and research experiences
• writing sample
• three letters of recommendation from individuals familiar with the applicant's academic background
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A personal statement is required. It must be no longer than three pages, double-spaced, and it must address the applicant's professional goals and reasons for applying to the program; describe strengths that will help the student succeed in the program and reach their professional goals; describe their research experience (a description of the master's thesis should be included, if applicable) and relevant responsibilities held; indicate personal research interests as specifically as possible; and include any additional information that will help the committee evaluate the application.

Three letters of recommendation are required, including at least two from instructors at the institution where the applicant completed undergraduate or graduate work. These letters should be from people who know the applicant as a student or in a professional capacity. Letters from family members or friends do not meet this criterion.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate contemporary sociological perspectives in original written work.
Apply sociological research methods to the analysis of data to create an original empirical research paper.
Conduct research resulting in empirical papers that have an impact on relevant communities that are determined by the subjects of the research.

Career opportunities

Professionals with expertise in research methodologies and data analysis as well as an understanding of cultural and social change, and various social issues and phenomena, are sought-after in many areas, including human services, business, education and public policy, and the community service and nonprofit sectors.

Career examples include:

demographer
mediator
research professional
social or community service manager
sociologist
sociology instructor
urban and regional planner

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/degree/graduate/sociology-phd
graduatesanford@asu.edu
480-965-6875

Spanish Language Pedagogy (certificate), Certificate (LASPAPGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Through graduate coursework, the certificate program in Spanish language pedagogy enables practicing teachers and graduate students to understand the process of Spanish language acquisition and learn advanced teaching methodologies in order to make sound pedagogical decisions that lead to effective teaching and learning.

Students gain competence in designing effective and engaging Spanish language lessons for their students and learn to be sensitive to the needs of students with diverse linguistic and cultural backgrounds, such as heritage learners. Students learn to design accurate assessment measurements, writing assignments and culture-based lessons, and use modern technologies to enhance Spanish language education.

STEM-OPT extension eligible: No

Degree requirements

18 credit hours and a portfolio

Required Core (3 credit hours)
SPA 596 Second Language Methodologies (3)

Other Requirements (9 credit hours)
SPA 543 Structure of Spanish (3)
SPA 546 Heritage Language Pedagogy (3)
SPA 598 Special Topic: Spanish Second Language Acquisition (3)

Electives (6 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Additional Curriculum Information
For courses listed as Other Requirements, alternative courses may be used with approval of the certificate codirectors.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in Spanish, Spanish literature and culture, Spanish linguistics, applied linguistics, second language acquisition and teaching, or a related field from a regionally accredited

institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with this certificate can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger area, such as government, diplomacy or international business.

Career examples include:

area, ethnic and cultural studies teacher or professor
editor
foreign language and literature teacher or professor
historian
instructional coordinator
interpreter or translator
lawyer
reporter or correspondent
social or community service manager

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/spanish-language-pedagogy-certificate-cert
SILC@asu.edu
480-965-6281

Spanish Linguistics, PHD (LASPALIPHD)

College/School: The College of Liberal Arts and Sciences
The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in Spanish linguistics offers advanced interdisciplinary graduate training that combines key areas in second language acquisition and teaching, applied linguistics, heritage language research and pedagogy, sociolinguistics and bilingualism. With the supportive guidance from their advisor, students are well prepared for a productive career in the discipline of Hispanic studies.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a foreign language exam, a written comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
SPA 543 Structure of Spanish (3)

Track (9 credit hours)

Electives or Research (41 credit hours)

Other Requirements (19 credit hours)
COE 502 Introduction to Data Analysis (3)
GRD 791 Seminar: Preparing Future Faculty and Scholars (PFx) (1)
SPA 544 Spanish Phonology (3)
SPA 546 Heritage Language Pedagogy (3)
SPA 598 Topic: Research Methods for Linguists (3)
SPA 598 Topic: Sociolinguistics (3)
SPA 598 Topic: Spanish Second Language Acquisition (3)

Culminating Experience (12 credit hours)
SPA 799 Dissertation (12)

Additional Curriculum Information
Students choose from two available tracks: Spanish heritage studies and sociolinguistics, or second language acquisition and teaching. Students should see the academic unit for the approved course list for each track.

Each candidate is expected to demonstrate a reading knowledge of one language other than English and Spanish. This language requirement must be satisfied before the candidate is eligible to take the comprehensive examination.

Other Requirements courses may be substituted with approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used toward this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is made up of electives or research to reach the required 84 credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in Spanish or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• written statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply key concepts and theories to the analysis of Spanish linguistic phenomena.
Conduct relevant independent research projects in the field of Spanish Linguistics
Create curriculum plans focusing on teaching Spanish language and culture

Career opportunities

Graduates are prepared to enter an academic profession (teacher, scholar) or a profession outside academia. Professionals with the valued skills developed through this program can confidently move into business, diplomatic, government or international fields.

Career examples include:

editor
foreign language and linguistics teacher or professor
instructional design coordinator
interpreter or translator
lawyer
reporter or correspondent
social or community service manager
teacher or professor of area, ethnic or cultural studies

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/spanish-linguistics-phd
silc@asu.edu
480-965-6281

Spanish Literature and Culture, PHD (LASPANPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in Spanish literature and culture is intended to be as flexible as possible. Students establish broad areas of competence by creating their own program of study with the supportive guidance of the student's advisor.

Graduate courses in literature and cultural studies focus on the production, distribution and reception of texts and their linguistics, either written or visual (e.g., photographs, films, visual narratives), and their linguistic, rhetorical and literary structure and functions, with an emphasis on literary theories and aesthetics. The program focuses on gender studies, race studies, film studies, visual studies, sound studies, critical posthumanism, environmental humanities, disability theories, digital humanities, Sino-Hispanic studies, colonial studies and comparative studies.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
SPA 545 Concepts of Literary Criticism (3)

Literature and Culture Electives (51 credit hours)

Electives (6 credit hours)

Research (12 credit hours)
SPA 792 Research (12)

Culminating Experience (12 credit hours)
SPA 799 Dissertation (12)

Additional Curriculum Information
Coursework for the literature and culture electives must be SPA literature or culture content courses and approved by the student's supervisory committee. Students may not put SPA 596 Second Language Methodologies toward this requirement.

Each candidate is expected to demonstrate a reading knowledge of one language other than English and Spanish. This language requirement must be satisfied before the candidate is eligible to take the comprehensive examination.

The written and oral comprehensive examination, designed to ascertain the candidate's knowledge and orientation in the field of study and competence to proceed with the dissertation, is required at or near the end of coursework.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in Spanish or equivalent from a regionally accredited institution. Applicants from other academic backgrounds with relevant coursework in Spanish language and cultural studies also may be evaluated by the admissions committee.

Applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• writing sample
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Submission of GRE scores is recommended but not required; this is especially advisable for applicants for the Spanish Graduate Fellowship Award. ASU does not accept the GRE® General Test at home edition.

Candidates for the program are required to demonstrate a near-native oral proficiency in Spanish and to show that they have developed a high order of expository prose in English and Spanish by presenting a term paper or a chapter of their master's degree thesis as their writing sample.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze literary texts from various genres, movements and periods in Spanish
Conduct a literature review in preparation for dissertation prospectus.
Produce an original research project in the form of a dissertation.

Career opportunities

Professionals with this degree can confidently move into the academic profession; careers in education, including in museums and libraries; and professions outside academia, such as in the publishing industry, media, nonprofits and international relations. Skills developed through this program are valued for teaching positions, translation work or career opportunities in larger sectors, such as government, diplomacy and international business environments.

Career examples include these positions:

area, ethnic or cultural studies teacher or professor
curator

editor
digital humanities college coordinator
foreign language and literature teacher or professor
instructional design coordinator
interpreter or translator
lawyer
reporter or correspondent
social and community service manager
study abroad manager

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/spanish-literature-and-culture-phd
silc@asu.edu
480-965-6281

Spanish, MA (LASPANMA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Arts program in Spanish includes tracks in literature and culture and in linguistics. While the former includes Spanish, Spanish American and Mexican American literature and culture, the latter includes sociolinguistics or second language acquisition and applied linguistics.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Spanish, BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio, or
30 credit hours including the required capstone course (SPA 597)

Required Core (3 credit hours)
SPA 540 History of the Spanish Language (3)

Other Required (6 credit hours)
SPA 542 Studies in the Spanish Southwest (3) or SPA 546 Heritage Language Pedagogy (3) or SPA 598 Topic: Bilingualism (3)
SPA 586 Chicano/Chicana Short Novel (3) or SPA 576 Contemporary Spanish American Short Story (3) or SPA 568 Cervantes (3)

Restricted Electives (18 or 21 credit hours)

Culminating Experience (0 or 3 credit hours)
portfolio (0)
SPA 597 Capstone (3)

Additional Curriculum Information
Students seeking a master's degree in Spanish should consult with the respective graduate representative. Students in the immersion program must complete the portfolio, and students in the online program must complete SPA 597 Capstone.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in Spanish or another related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume or curriculum vitae
• writing sample (in Spanish)
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

Applicants should provide a personal statement that is no more than two pages, summarizing past educational experiences and goals in pursuing a graduate degree.

Applicants should provide an academic writing sample such as an academic term paper, critical paper or research paper written in Spanish of at least six pages in length that was prepared in an upper-division or graduate Spanish course. Applicants may update an older paper to better demonstrate a current level of proficiency, write a completely new paper, or enroll in a graduate-level course as a nondegree-seeking student in preparation for applying for this program.

Two letters of recommendation are also required from a previous instructor or professor, work supervisor or character reference (anyone who can speak to the applicant's academic skill, character, motivation and persistence).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/spanish-ma/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically evaluate cultural productions from Spanish or, Spanish-American, or Mexican-American literature.
Critically evaluate linguistic aspects of a specific area within the Spanish language.
Analyze the historical evolution of Latin to Spanish language.

Career opportunities

Professionals with this degree can confidently move into further academic, business and international fields. Skills developed through this program are valued for teaching positions, including in museums and libraries; translation work; work in a larger sector such as governmental, diplomatic and international business; and for careers in publishing, media, nonprofits and international relations.

Career examples include:

area, ethnic and cultural studies teachers and professors
foreign language and literature teachers and professors
historians
interpreters and translators
lawyers
reporters and correspondents
social and community service managers

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/spanish-ma
silc@asu.edu
480-965-6281

Statistics and Data Science (Graduate Certificate) (Certificate), Certificate (GCSTATCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The statistics and data science certificate program provides statistical training for graduate students at ASU and working professionals in the Phoenix metropolitan area.

The program draws upon a variety of faculty research and teaching interests from various academic units, so programs of study can be tailored to reflect individual needs and goals.

This certificate program is part of the shift in the School of Mathematical and Statistical Sciences' statistics curriculum to include data science coursework. In particular, several new machine learning classes are available to certificate students.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
STP 530 Applied Regression Analysis (3) (or ECN 525 or IEE 578)
STP 531 Applied Analysis of Variance (3) (or IEE 572)

Electives (9 credit hours)

Additional Curriculum Information
The nine elective credit hours are taken from a set of courses approved by the School of Mathematical and Statistical Sciences.

Students must have a GPA of at least 3.00 (scale is 4.00 = "A") in the courses that apply to the certificate.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Applicants should have completed the following courses (equivalents at ASU are given in parentheses):
• introductory applied statistics (ECN 221, STP 226 or STP 420)
• one semester of calculus (MAT 210, MAT 265 or MAT 270)

Applicants are also required to have some computer literacy, with knowledge of a programming language, a spreadsheet program or a statistical software program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply regression analysis and analysis of variance to analyze and solve real world statistical problems.
Apply regression analysis and analysis of variance concepts, and evaluate when these methods are appropriate.

Career opportunities

Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market.

Graduates have knowledge that may be applied in a broad variety of career opportunities in fields as diverse as business, finance, engineering, technology, education, marketing, government and other areas of the economy. These are just a few of the top career opportunities supported by the statistics certificate program:

business consultant or analyst
data analyst
financial analyst
market research analyst
statistician

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Statistics, MS (GCSTATMS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Spring semester admission is limited to students in the accelerated master's program.

Program description

The Master of Science program in statistics draws upon a wide spectrum of faculty research and teaching interests, including from faculty outside the school. As a result, plans of study can be transdisciplinary and tailored to reflect students' individual needs and goals.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mathematics (Statistics), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about

eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a portfolio - Professional Track, or
30 credit hours including a thesis - Academic Track, or
30 credit hours including the required applied project course (STP 593) - Academic Track, or
30 credit hours, a written comprehensive exam and an oral comprehensive exam - Academic Track

Required Core (3 credit hours)
ECN 525 Applied Regression Models (3) or
IEE 578 Regression Analysis (3) or
STP 530 Applied Regression Analysis (3)

Track Coursework (9 or 12 credit hours)

Electives (9-18 credit hours)

Culminating Experience (0-6 credit hours)
ECN 599 or IEE 599 or STP 599 Thesis (6)
STP 593 Applied Project (3)
oral and written comprehensive exam (0)
portfolio (0)

Additional Curriculum Information
Students in the MS program in statistics are required to select one of the two available tracks: the academic track or the professional track. Students should speak with their advisor regarding the selection of a track and elective coursework based on the target career.

Students in the professional track complete the portfolio culminating experience, and students in the academic track choose from an applied project, thesis or comprehensive exams.

Prerequisites may not be used to complete the 30 credit hours required for the degree.

Students who select the thesis or applied project option must defend it through an oral examination. The thesis must conform to the Graduate College format requirements.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, statistics or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• statement of education and career goals
• three letters of recommendation
• proof of English proficiency

Additional Curriculum Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants should have completed the following courses (equivalents at ASU are given in parentheses), and applicants who lack any of these prerequisite courses must complete them before being considered for admission:

• advanced calculus (MAT 371)
• calculus (MAT 270, MAT 271 and MAT 272)
• computer programming (CSE 100)
• introductory statistics (STP 420)
• linear algebra (MAT 342)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply advanced statistical methods to analyze data.
Evaluate statistical approaches to problem-solving using the underlying theory of advanced statistical methods.
Apply advanced statistical skills to real-world problems.

Career opportunities

Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market.

Graduates with a master's degree in statistics can pursue a broad variety of careers in fields as diverse as business, finance, engineering, technology, education, marketing, government and other areas of the economy. These are just a few of the top career opportunities:

actuary
business consultant or analyst
data scientist
financial analyst
market research analyst
software engineer
statistician

This program also provides preparation for students interested in doctoral study and a faculty-track academic career.

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Statistics, PHD (LASTPPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

As a science, statistics focuses on data collection and data analysis by using theoretical, applied and computational tools. The Doctor of Philosophy program in statistics reflects this breadth in tools and considerations while allowing students sufficient flexibility to tailor their program of study to reflect individual interests and goals. Research can be of a disciplinary or transdisciplinary nature.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
STP 526 Theory of Statistical Linear Models (3)

Other Requirements (15 credit hours)
IEE 572 Design Engineering Experiments (3) or STP 531 Applied Analysis of Variance (3)
IEE 578 Regression Analysis (3) or STP 530 Applied Regression Analysis (3)
STP 501 Theory of Statistics I: Distribution Theory 3 (3)
STP 502 Theory of Statistics II: Inference (3)
STP 527 Statistical Large Sample Theory (3)

Electives (42 credit hours)

Research (12 credit hours)
STP 792 Research (12)

Culminating Experience (12 credit hours)
STP 799 Dissertation (12)

Additional Curriculum Information
Electives are chosen from statistics or related area courses approved by the student's supervisory committee.

Other requirements courses may be substituted with department approval.

Students must pass:
• one qualifying examination and coursework in analysis
• a written comprehensive examination
• a dissertation prospectus defense

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, statistics or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of education and career goals
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Completion of the following courses (equivalents at ASU are given in parentheses) is required. Applicants who lack any of these prerequisite courses must complete them before being considered for admission.

• calculus (MAT 270, 271 and 272)
• advanced calculus (MAT 371)
• linear algebra (MAT 342)
• computer programming (CSE 100)
• introductory applied statistics (STP 420)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Proficient in applying advanced statistical methods in coursework and research.
Address an original research question in statistics.
Able to complete original research in statistics.

Career opportunities

Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market. Data, and the analysis of data, is big business, and the Department of Labor projects that overall employment of mathematicians and statisticians will grow 12% between 2023 and 2033, much faster than the average for all occupations.

For graduates of the doctoral program in statistics, that means a broad variety of career opportunities in fields as diverse as business, finance, engineering, technology, education, marketing, government and other areas of the economy.

These are just a few of the top career opportunities available for a graduate with a doctoral degree in statistics:

actuary
business consultant or analyst
data science professor, instructor or researcher
data scientist
faculty-track academic
financial analyst
market research analyst
software engineer
statistician

Contact information

School of Mathematical and Statistical Sciences | WXLR A213
https://math.asu.edu/degrees/graduate
grad.math@asu.edu
480-965-3951

Teaching English to Speakers of Other Languages, MTESOL (LAENGMTESL)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Master of Teaching English to Speakers of Other Languages program is designed for individuals who seek to build a career in the international field of teaching English as a second or additional language. This program empowers students with scholarly and professional knowledge in four core areas: language, learning, teaching and research.

Students dive into a wide variety of key topics that reflect the latest trends and challenges in language education, such as second language acquisition, computer-assisted language learning, critical pedagogy, curriculum design, global Englishes, English grammar, intercultural rhetoric, discourse analysis, second language phonology and more. Students are equipped with the expertise to thrive in research and practical application, and in various educational settings.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English (Linguistics), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (LIN 597) and a foreign language exam

Required Core (12 credit hours)
LIN 501 Approaches to Research (3)

LIN 510 Linguistics (3)
LIN 520 Second-Language Acquisition Theories (3)
LIN 521 Methods of Teaching English as a Second Language (3)

Other Requirement (3 credit hours)
LIN 584 Internship (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
LIN 597 MTESOL Capstone (3)

Additional Curriculum Information
The foreign language requirement must be completed during the program before the master's degree is awarded.

The capstone is overseen by a director chosen from the Department of English linguistics and TESOL faculty.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution. Applicants may have undergraduate majors in the following fields, but are not limited to these: anthropology, applied linguistics, cognitive science, communication, comparative languages and literatures, education, English literature, history and law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of purpose
• resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English and has not graduated from an institution of higher learning in the United States must provide proof of English proficiency regardless of their current residency. Applications are not processed without valid proof of English proficiency; official scores must be sent to ASU for the application to be processed.

Applicants must submit a one-page, single-spaced, well-considered statement of purpose in which they explain how their experience and training have prepared them for the program, their aims and purposes in pursuing the MTESOL degree, and their plans for the future.

Two letters of recommendation are required. A third letter is optional. Because the letters should provide a clear picture of the applicant's potential for successfully completing a master's degree, at least one of the letters should be

from a university professor who is familiar with the applicant's academic work and with master's-level academic programs.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-teaching-english-speakers-other-languages/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply theories and pedagogical knowledge to evaluate and create real-world teaching, materials development, or related professional practices in TESOL.
Synthesize and apply theories, research and key concepts in second language learning and development.
Evaluate and apply theories, key concepts, methods and materials in second language teaching.

Career opportunities

With TESOL professionals in high demand both in the U.S. and internationally, graduates' specialized skills make them sought-after candidates in a variety of fields. The ability to teach, design curriculum or consult on language programs can lead to exciting career paths in diverse settings.

Career examples include:

adult education teacher
consultant
educational materials designer or developer
English language or foreign language teacher
international aid worker
program and curriculum developer
refugee English coordinator
teacher trainer

Contact information

Department of English | RBHL 170
https://english.asu.edu/degree/graduate/teaching-english-to-speakers-of-other-languages-mtesol
enggrad@asu.edu
480-965-3168

Transborder Studies, MAS (LATCLMAS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Master of Advanced Study in transborder studies is designed for students interested in border issues and communities. Students learn from interdisciplinary scholars in both the social sciences and humanities to develop their

individualized plan of study and focus area.

Students have the opportunity to engage in innovative research or applied experiences, or they may focus their plan of study on a more professional and applied track.

The program has historically been grounded in and inspired by the geographical specificity of the U.S.-Mexico border. Given the massive scale of globalization in the 21st century and its influence on local, regional, national, subnational and international environments, the program examines transborder regions and populations around the world, including metaphorical, linguistic and cultural borders, as well as patterns and implications of immigration and migration.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Transborder Chicana/o and Latina/o Studies, BA

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA

Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (TSS 593), or
30 credit hours including the required capstone course (TSS 596)

Required Core (6 credit hours)
TSS 502 Foundations of Transborder Studies (3)
TSS 504 Theories and Methods for Transborder Research (3)

Electives (18 or 21 credit hours)

Culminating Experience (3 or 6 credit hours)
TSS 593 Applied Project (3) or
TSS 596 Transborder Studies Capstone (3) or
TSS 599 Thesis (6)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the social sciences, the humanities, the sciences, health, education, business or a professional field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• resume or curriculum vitae
• three letters of recommendation (colleagues or professors)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are well suited for positions in local, state, national, and nongovernmental organizations and international agencies. They are also prepared for research opportunities or a doctoral degree program.

Contact information

School of Transborder Studies | INTDSB 165
https://sts.asu.edu/degree/graduate/transborder-studies-mas
sts.grad@asu.edu
480-965-5091

Transborder Studies, PHD (LATCLPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Doctor of Philosophy program in transborder studies develops the next generation of superior research, scholarship and application in transborder and transnational contexts.

Students gain foundational knowledge in transborder, transnational and border issues from interdisciplinary scholars in anthropology, history, literature, political science, public policy, sociology, urban planning, and women and gender studies.

Faculty in the program approach transborder studies in a way that has been historically grounded in and inspired by the geographical specificity of the U.S.--Mexico border and the Chicano, Chicana, Latino and Latina populations. Arizona State University's proximity to the U.S.--Mexico border and the faculty's expertise make the university the ideal place of study. Given the massive scale of globalization in the 21st century and its influence on local, regional, national and transnational environments, the program is expanding to examine other transborder regions and populations.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
TSS 502 Foundations of Transborder Studies (3)
TSS 503 Epistemologies and Transborder Thought (3) or TSS 504 Theories and Methods for Transborder Research (3)

Electives and Research (66 credit hours)

Dissertation (12 credit hours)
TSS 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not already have a master's degree in a related field, the remaining 30 credit hours are made up of electives and research that equal the 84 credit hours required for the doctoral program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a master's degree in a related field such as anthropology, economics, education, sociology, literature or psychology from a regionally accredited institution. Applicants who have earned a master's degree in another discipline must align their scholarly interests with the program's mission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• writing sample
• resume or curriculum vitae
• three letters of recommendation (from academicians)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should include an explanation of past experiences and current scholarly interests but concentrate on potential areas of research that draw on the specific resources of the department and faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have a number of career options, depending on the plan of study. Graduates with an academia-focused trajectory may pursue careers as faculty members or in research. Opportunities for graduates of a more professional and applied track include positions with local, state, national or international agencies.

Contact information

School of Transborder Studies | INTDSB 165
https://sts.asu.edu/degree/graduate/transborder-studies-phd
sts.grad@asu.edu
480-965-5091

Transdisciplinary Transportation Studies (certificate), Certificate (GCTRANSCE)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Transportation has emerged as one of the highest priority issues for policymakers, planners, employers and citizens.

To respond to this challenge, the transdisciplinary transportation studies certificate program builds upon existing ASU programs in a variety of disciplines offered in five colleges and two campuses, giving ASU graduate students and current and future transportation professionals the opportunity to pursue a wide range of transportation-related issues from a multimodal, interdisciplinary perspective.

Students collaborate with researchers and professionals across academic disciplines (these include policy, planning, economics, technology, behavior, location, land use, equity and sustainability) who employ different research methods and are focused on transport modes that range from walking to air travel.

The program is intended to be either a specialization within an existing master's degree or a stand-alone nondegree program.

ASU is a transdisciplinary hub for innovative and integrative transportation research and education. This work contributes to the development of smart, sustainable and socially equitable transportation systems. These systems leverage technology to foster resilient communities and high quality of life, locally and globally.

STEM-OPT extension eligible: No

Degree requirements

16 credit hours including the required applied project course (PUP 593)

Required Core (3 credit hours)
PUP 564 Transportation Systems Professional Seminar (3)

Transportation Electives (9 credit hours)

Other Requirement (1 credit hour)
CEE 591 Seminar: Interdisciplinary Transportation Seminar (1)

Culminating Experience (3 credit hours)
PUP 593 Applied Project (3)

Additional Curriculum Information

Students take three credit hours from each category for a total of nine credit hours to fulfill the transportation elective requirement.

• from any school in The College of Liberal Arts and Sciences
• from a college outside of The College of Liberal Arts and Sciences
• from subject prefixes CEE, GIS, GPH, PAF, PUP, SOS

Elective coursework is taken in consultation with the academic advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of interest
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants who wish to seek a graduate degree in any of the cooperating departments and who are not currently enrolled at ASU must complete the full graduate school application process as specified by the department of interest in addition to the online application for the transdisciplinary transportation studies certificate. The applications are evaluated independent of each other.

Applicants are asked to explain in their letter of interest what they expect to gain from the transportation studies certificate program and the types of courses in the program that would be the most helpful in meeting their objective.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Professionals with expertise in transportation systems are in high demand across sectors and industries, including consulting firms, government agencies and community organizations. Skills in the analysis of transportation alternatives and interrelationships with other disciplines are valuable to businesses and institutions relying on an integrated systems approach to solving complex real-world problems.

Career examples include:

airfield operations specialist
logistics analyst
supply chain manager
transportation analyst
transportation engineer
transportation planner

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/degree/graduate/transdisciplinary-transportation-studies-certificate-cert
SGSUP.gradprograms@asu.edu
480-965-7533

Translation Studies (Certificate), Certificate (LALTSGRCT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The graduate certificate in translation studies is a transdisciplinary program offering coursework that intensively engages with translation practice, issues related to the cultural role of the translator and translation, studies of the variety of theoretical approaches to translation, and studies of transhistorical and cross-cultural theories of translation. These areas of emphasis enable students to gain expertise in practical and theoretical knowledge of the field of literary and practical (commercial) translation and to engage in developing new models for the practice of translation today.

The program offers interested students the opportunity to develop an understanding of intercultural intersections and transdisciplinary approaches to the practice of translation and advanced training and mentorship.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required applied project course (ENG 593 or SLC 593)

Required Core (6 credit hours)
ENG 550 Translation (3)
SLC 551 Global Approaches to Translation (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
ENG 593 Applied Project (3) or SLC 593 Applied Project (3)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• writing sample
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

The personal statement should be no longer than two pages and should summarize past educational experiences and goals in pursuing a graduate certificate.

Applicants should have knowledge of a language other than English --- a minimum of six semesters of a second language or the equivalent (for example, advanced placement in high school). Applicants who have passed a language proficiency exam and achieved an advanced level in the target language may also apply.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Adeptly translate a prose or poetic text or texts from a source language into a target language.
Interpret existing translations through key concepts used in translation studies.

Career opportunities

Professionals with this certificate can confidently move into academic, business and international fields. Skills developed through this program are valued for teaching positions, translation work or work in a larger sector, such as in governmental, diplomatic or international business environments.

Career examples include:

archivist
editor
foreign language and literature teacher or professor
historian
interpreter or translator
lawyer
reporter or correspondent
social and community service manager

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/graduate/translation-studies-certificate-cert
silc@asu.edu
480-965-6281

Urban Planning, PHD (ARPUPPHD)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The School of Geographical Sciences and Urban Planning maintains close relationships with many of the communities in the Phoenix metropolitan area that are leading the way on issues such as urban climate change, sustainability and transportation planning. Students in the Doctor of Philosophy program in urban planning have opportunities to interact with planning leaders, mentors and community organizations. Students conduct research alongside faculty; take classes focused on current issues in the field; conduct research and reports for local clients; and start building their professional network across the public, private and nonprofit sectors.

Students benefit from a wide variety of coursework and research opportunities in five broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

• city building and urban structure
• environmental and resiliency planning
• housing, neighborhoods and community development
• spatial analytics and smart cities
• transportation planning and policy

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (6 credit hours)
PUP 710 Current Planning Theory and Practice (3)
PUP 724 Planning Methods for Doctoral Students (3)

Electives and Research (64 credit hours)

Other Requirement (2 credit hours)
PUP 701 Urban Planning Colloquium (1)

Culminating Experience (12 credit hours)
PUP 799 Dissertation (12)

Additional Curriculum Information
Students take two semesters of PUP 701 for a total of two credit hours.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a master's degree in a related field such as urban studies, geography, environmental studies, sustainability, architecture, public policy or public administration from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program and a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement must be 600 words or shorter and explain the applicant's interest in planning at the doctoral level; academic and professional background and, if appropriate, preparation for the selected area of specialty, which may include written samples or a portfolio; and educational and professional objectives.

Letters of recommendation should be from three faculty members who can attest to the applicant's academic achievements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate advanced knowledge of theory and existing scholarship in urban planning.

Demonstrate advanced understanding of the research methods used in their area(s) of specialization, as defined by their reading list and major/minor subfields.
Conduct research resulting in an original contribution to knowledge in urban planning, and successfully communicate findings in their dissertation and defense.

Career opportunities

The PhD program in urban planning educates scholars for positions in leading universities; research institutions; nongovernmental organizations; international multilateral institutions; and national, state and local governments. The program provides a strong foundation for undertaking research in planning, urbanism, urban design and urban sustainability.

Professionals with expertise in planning research, theory and practice are in high demand across sectors and industries, including institutions of higher education, planning consulting firms and community organizations. Skills in environmental impact assessment, geographical data analysis and community resiliency planning are valuable to organizations and institutions that rely on research-based approaches to solve complex problems.

Career examples include:

chief sustainability officer
city and regional planning aide
environmental restoration planner
transportation planner
urban and regional planner
urban planning teacher, postsecondary level

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/degree/graduate/urban-planning-phd
SGSUP.gradprograms@asu.edu
480-965-7533

Urban and Environmental Planning, MUEP (ARURBMUEP)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Master of Urban and Environmental Planning program, students are prepared to help solve complex social, economic and environmental issues and create healthier, safer and more vibrant communities. The program emphasizes theories of planning; methods of analysis; effective public engagement; planning processes; and creative implementation of planning tools, strategies and approaches. The program is accredited by the Planning Accreditation Board. Students who join the program are eligible for certification by the American Institute of Certified Planners after two years of professional practice.

The MUEP program offers students a valuable opportunity to integrate urban and environmental aspects of planning in a rapidly developing metropolitan area. Small classes, one-on-one advising and a common core of courses that translate knowledge into practice give students opportunities to build technical skills and grow their professional

network.

As a part of the School of Geographical Sciences and Urban Planning, the program is enriched by school faculty whose research and teaching are grounded in geography, geographic information systems, and meteorology and climatology. Students have access to a wide selection of electives within the school, enabling them to explore issues such as population and migration, environmental and landscape dynamics, and urban climate systems. The program is also complemented by the participation of faculty from other disciplines within the university and collaboration with leading planning practitioners in the Phoenix area.

Faculty research and teaching interests focus especially on the following broad interdisciplinary themes:

• city building and urban structure
• environmental and resiliency planning
• housing, neighborhoods and community development
• spatial analytics and smart cities
• transportation planning and policy

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Public Policy, MPP

Public Administration, MPA

Sustainability Solutions, MSUS

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Urban Planning, BSP

Geography, BA

Geographic Information Science, BS

Geography (Meteorology-Climatology), BS

Geography, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

47 credit hours and a thesis, or
47 credit hours including the required applied project course (PUP 593), or
47 credit hours including the required capstone course (PUP 580)

Required Core (21 credit hours)
PUP 501 Planning, History and Theory (3)

PUP 520 Planning Practice, Ethics and Processes (3)
PUP 531 Planning and Development Control Law (3)
PUP 544 Urban Land Use Planning (3)
PUP 571 Quantitative Methods for Planners (3)
PUP 579 Qualitative Methods for Planners (3)
PUP 642 Urban and Regional Economic Analysis (3)

Electives (14 or 15 credit hours)

Other Requirements (6 credit hours)
PUP 542 Environmental Planning (3)
PUP 576 GIS Workshop for Planners (3)

Culminating Experience (5 or 6 credit hours)
PUP 580 Practicum: Planning Workshop (5) or
PUP 593 Applied Project (5) or
PUP 599 Thesis (6)

Additional Curriculum Information
Students take either 14 credit hours of electives for the thesis option or 15 credit hours of electives for the nonthesis option.

Students take PUP 576 or another methods course approved by the department.

Students take PUP 542 or another environmental planning course approved by the department.

Online students must take PUP 580 as their culminating experience.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants should have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. An applicant with a cumulative GPA between 2.50 and 3.00 (scale is 4.00 = "A") may still be considered.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should be no longer than 600 words and must address the applicant's:

• academic and professional background and, if appropriate, preparation for the selected area of specialty (This may include written samples or a portfolio, but they are not required.)
• career goals, including how a master's degree in urban and environmental planning from the School of Geographical Sciences and Urban Planning will help achieve those goals
• educational objectives
• interest in planning

Letters of recommendation are not required for admission to the MUEP program; however, prospective students are encouraged to submit up to three letters to strengthen their application or provide necessary context to the application. Recommenders may include professional supervisors or colleagues, or academic supervisors (e.g., former professors and instructors) who can speak to the applicant's academic or professional experiences and qualifications to pursue a graduate degree.

Examples of applicants who may consider submitting letters of recommendation include:

• returning students (more than five years after completing an undergraduate degree)
• students with a bachelor's degree in an unrelated field
• students with a cumulative GPA between 2.50 and 3.00
• students pursuing a career change from an unrelated field

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/urban-environmental-planning/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply quantitative and/or qualitative data collection and analysis methods appropriately.
Effectively communicate planning concepts and recommendations through written reports, graphic visualization, and oral presentations.
Apply ethical planning principles in course projects.

Career opportunities

Professionals with expertise in planning theory and practice are in high demand across sectors and industries, including planning consulting firms, local governments and community organizations. Skills in environmental impact assessment, geographical data analysis and community resiliency planning are valuable to businesses and institutions that rely on practical, research-based approaches to solve complex problems.

Alumni of the MUEP program work as professional planners in a variety of public, private and nonprofit settings. Career examples include:

city and regional planning aide
geospatial information technologist
social services director
sustainability specialist

transportation planner
urban and regional planner

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5671
https://sgsup.asu.edu/degree/graduate/urban-and-environmental-planning-muep
SGSUP.gradprograms@asu.edu
480-965-7533

World War II Studies, MA (LAWWSMA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

Through advanced interdisciplinary study, students in the Master of Arts program in World War II studies explore the causes and effects of World War II; the global nature of the conflict; the evolution of governance and political systems; and human responses to conflict, violence and genocide. Program coursework also helps students contextualize current events through study of the war's historical, political and cultural legacies.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (WWS 597)

Required Core (12 credit hours)
WWS 561 Decision Points I (3)
WWS 562 Decision Points II (3)
WWS 563 The Lived Experience of World War II (3)
WWS 566 World War II Today (3)

Electives or Research (9 credit hours)

Other Requirements (6 credit hours)
HST 454 History of Genocide (3) or WWS 564 The Global War (3)
WWS 460 World War II (3) or HST 460 World War II (3)

Culminating Experience (3 credit hours)
WWS 597 Capstone (3)

Additional Curriculum Information
Students should refer to the academic unit for the approved electives and research course list.

For the Other Requirements courses, students must take either HST 454 or WWS 564. If a student chooses to take HST 454 to fulfill the requirement, they may take WWS 564 as an elective. Likewise, if a student chooses to take WWS 564 to fulfill a requirement, they may take HST 454 as an elective. Other coursework may be used with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants must have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university. Students from any field who demonstrate potential are considered for admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• letter of intent or written statement
• written responses to unit-developed prompts
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

An applicant's potential for success is determined by the quality of writing and clarity of thought demonstrated in the letter of intent and responses to the application questions. During the application process, applicants are prompted to write short responses to World War II-related questions. These responses serve to demonstrate to the committee a student's writing ability and potential for thoughtful participation in degree coursework.

Letters of recommendation that point to a student's ability to deliver high-quality academic work and persist to an academic goal receive priority.

An applicant's GPA and academic performance, particularly in humanities coursework, also indicate potential.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/world-war-ii-studies-ma/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to analyze the decision-making process within the larger context of the Second World War.

Able to evaluate the global, social, cultural, economic and political legacy of World War II since 1945, with particular attention to differing narratives.
Analyzing the causes, course and memory of the genocidal nature of World War II, will be able to compose evidence-based arguments grounded in the analysis of sources.

Career opportunities

Graduates have the fundamental training needed for careers in research, teaching, public history, government service and a host of other positions in the public, private and nonprofit sectors.

Graduates serve as first-rate historians, highly qualified teachers at the elementary and secondary levels and at community colleges, researchers and consultants, archivists, foreign service officers, management professionals, community organizers and public servants.

Other career examples include:

archivist
college instructor
editorial and publishing professional
museum director and staff
nonprofit director
research professional

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4595
https://shprs.asu.edu/degree/graduate/world-war-ii-studies-ma
SHPRSGradInfo@asu.edu
480-965-5778

Nursing and Health Innovation, Edson College of

Acute Care Pediatric Nurse Practitioner (certificate), Certificate (NUACPNGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The certificate program for the acute care pediatric nurse practitioner specialty is an advanced nursing practice program. It is designed for board-certified nurses seeking additional certification as an acute care pediatric nurse practitioner, or for doctorate-level nurses seeking an acute care pediatric nurse practitioner position. This program prepares graduates to provide holistic, client-centered care to meet the physical, psychological and social needs of infants, children, adolescents and young adults.

All programs are offered in a hybrid format. Students are required to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Specialty courses focus on assessment and management of a supportive, family-centered, culturally appropriate plan of care for pediatric patients with chronic, complex acute and life-threatening illnesses. Any deficiency courses determined by the student's unique gap analysis must have been completed within the past five years to be eligible for credit.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside of Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the doctoral program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers practicum experiences (clinical rotations) in health profession shortage areas throughout the state, in both urban underserved and rural areas, providing students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA member states in accordance with the council's established policies and standards. California is not a SARA member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions for education offered online and in Arizona. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorizations (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

20 credit hours

Required Core (20 credit hours)
DNP 606 Principles of Pediatric Acute Care I (3)

DNP 607 Advanced Pediatric Acute Care Practicum I (7)
DNP 619 Principles of Pediatric Acute Care II (3)
DNP 620 Advanced Pediatric Acute Care Practicum II (7)

Additional Curriculum Information
Every certificate student must complete 600 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the Pediatric Nursing Certification Board for the graduate to be eligible to take the national pediatric nurse practitioner acute care certification examination. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine that the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged, as are experiences in rural areas, and sites are available for these experiences.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• professional resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program before they will be considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

The applicant must be nationally certified as a primary care pediatric nurse practitioner. Nationally certified family nurse practitioners working as a nurse practitioner in a pediatric setting will be considered.

The goal statement should indicate the applicant's understanding of the role of the advanced practice nurse with the population of interest and any experience the applicant may have working with the patient population of interest.

The admission essay should briefly describe how meeting "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) will further their career goals.

An interview with program faculty is required.

One year of clinical experience working in the pediatric acute care setting is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

This program prepares graduates for excellence upon entering the workplace. The acute care pediatric nurse practitioner role has grown exponentially in the past decade, and the demand for board-certified advanced practice acute care providers has never been higher. Graduates of the certificate program in advanced practice nursing are prepared to provide health care for newborns, children, adolescents and young adults. Careers include:

- acute care home services
- critical care
- education and training of future health care providers
- emergency care
- inpatient hospitalist service
- specialty service provision
- transport teams

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
nursingandhealth@asu.edu
602-496-0937

Adult Gerontology Nurse Practitioner (Certificate), Certificate (NUAGNPGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The certificate program for the adult gerontology nurse practitioner specialty is an advanced nursing practice program. It is designed for board-certified nurses in a different advanced practice registered nursing specialty who seek additional certification as an adult-gerontology primary care nurse practitioner, and for doctorate-level nurses who seek an adult-gerontology nurse practitioner position. This program prepares graduates to provide holistic, client-centered primary care to adolescents, adults and geriatric patients in a variety of settings.

All programs are offered in a hybrid format. Students are required to travel to an ASU campus for up to one week for orientation at the beginning of the program, and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment across the life span. Specialty courses focus on assessment, screening, diagnosis and evidence-based management of common, chronic and complex health conditions in adolescents, adults and geriatric patients. Content including epidemiology, differential diagnosis, sociocultural variations in evidence-based treatments, health promotion and case management is emphasized. Adult gerontology-focused theory and clinical courses include theories, principles and clinical skills in the care of adolescents and adults across the life span in a variety of settings, including private practice, ambulatory clinics, long-term care facilities and patients' homes. Practicing faculty with clinical experience teach the specialty coursework and clinical experiences. Any deficiency courses determined by the student's specific gap analysis must have been completed within the past five years to be eligible for credit.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students who reside outside of Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the doctorate program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers practicum experiences (clinical rotations) in health profession shortage areas throughout the state, in both urban underserved and rural areas, providing students multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA member states, in accordance with the council's established policies and standards. California is not a SARA member; the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions offering online education to students in California, or in-person education in Arizona to students from California. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorizations (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

22 credit hours

Required Core (22 credit hours)
DNP 623 Adult-Gerontology Health Promotion (3)
DNP 624 Adult-Gerontology Health Promotion Practicum (3)
DNP 625 Management of Common Health Problems in Adult-Gerontology: Theory (3)
DNP 626 Management of Common Health Problems in Adult-Gerontology: Practicum (5)
DNP 627 Management of Complex Health Problems in Adult-Gerontology: Theory (3)
DNP 628 Management of Common Health Problems in Adult-Gerontology: Practicum (5)

Additional Curriculum Information
Nurses who complete this certificate meet the eligibility requirements to take the Adult-Gerontology Primary Care Nurse Practitioner exam. In addition to completing didactic courses, students complete 13 credit hours (585 clock hours) of practicum experiences in a community setting.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
• three professional letters of recommendation
• resume
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program before they are considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to submit an admission essay and:

• describe career goals for the next five to 10 years and discuss how obtaining an NP certificate from Arizona State University will help meet these goals
• read "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) from the American Association of Colleges of Nursing, then focus on one of the first seven essentials and describe how meeting this essential will further their stated career goals

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and they must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

This program prepares graduates for excellence upon entering the workplace. Graduates of the adult gerontology nurse practitioner certificate program have the knowledge and training to provide health care for patients in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to effectively participate and lead within clinical, community and academic arenas.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP (NUANPACDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The acute care pediatric nurse practitioner concentration of the Doctor of Nursing Practice program is an advanced nursing practice degree. This program prepares graduates to provide holistic, client-centered care to meet the physical, psychological and social needs of infants, children, adolescents and young adults.

All programs are offered in a hybrid format requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Specialty courses focus on assessment and management of a supportive, family-centered, culturally appropriate plan of care for pediatric patients with chronic, complex acute and life-threatening illnesses. Any deficiency courses determined by the

student's unique gap analysis must have been completed within the past five years to be eligible for credit.

In addition to advanced nursing specialty-focused outcomes, the DNP program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students are educated as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside of Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers clinical rotations in health profession shortage areas throughout the state, in both urban underserved and rural areas, which provide students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual State Authorization Reciprocity Agreement member states in accordance with the council's established policies and standards. California is not a State Authorization Reciprocity Agreement member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions offering online and in-person education from Arizona. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorizations (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

85 credit hours including the required applied project course (DNP 707)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcome Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (26 credit hours)
DNP 606 Principles of Pediatric Acute Care I (3)
DNP 607 Advanced Pediatric Acute Care Practicum I (6)
DNP 619 Principles of Pediatric Acute Care II (3)
DNP 620 Advanced Pediatric Acute Care Practicum II (6)
DNP 643 Developmentally Based Care of the Well Child (3)
DNP 644 Well Child Advanced Practicum (2)
DNP 649 Advanced Physiology (3)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 609 Advanced Practice Nursing Role (1)
DNP 641 Advanced Health Assessment Pediatrics (3)
DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Nurse practitioner students complete 585 hours of clinical practicum work in the first two years of their degree program. They complete an additional 540 hours in their clinical residency course (DNP 712), for a total of 1,125 clinical and residency hours.

Every student must complete 600 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the Pediatric Nursing Certification Board for the graduate to be eligible to take the national Pediatric Nurse Practitioner Acute Care certification examination. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine that the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area.

When approved by the student's supervisory committee and the Graduate College, up to 30 credit hours from a previously awarded master's degree can be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 ="A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• three professional letters of recommendation
• professional resume
• goal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license, as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to excel upon entering the workplace and to practice at the most advanced level of nursing.

The acute care pediatric nurse practitioner role has grown exponentially in the past decade, and the demand for board-certified advanced practice acute care providers has never been higher. Graduates are prepared to provide health care for newborns and children up to young adulthood in careers that include:

- acute care home services
- critical care provision
- education and training of future health care providers
- emergency care provision
- inpatient hospitalist services
- specialty service provision
- transport teams

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP (NUANPAGDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The adult-gerontology nurse practitioner concentration of the Doctor of Nursing Practice program is an advanced nursing practice degree. This program prepares graduates to provide holistic, client-centered primary care to adolescents, adults and geriatric patients in a variety of settings.

All programs are offered in a hybrid format requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester thereafter.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment across the lifespan. Specialty courses focus on the assessment, screening, diagnosis and evidence-based management of common, chronic and complex health conditions in adolescents, adults and geriatric patients. Content including epidemiology, differential diagnosis, sociocultural variations in evidence-based treatments, health promotion and case management is emphasized. Adult gerontology-focused theory and clinical courses include theories, principles and clinical skills in the care of adolescents and adults across the lifespan in a variety of settings, including private practice, ambulatory clinics, long-term care facilities and the patient's home. Practicing faculty with clinical experience teach the specialty coursework and clinical experiences.

In addition to advanced nursing specialty-focused outcomes, the program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students are educated as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers clinical rotations in health profession shortage areas throughout the state, both in urban underserved and rural areas, that provide students multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual state authorization reciprocity agreement member states in accordance with the council's established policies and standards. California is not a state authorization reciprocity agreement member, though ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation. These exceptions are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Nursing and Healthcare Innovation, PhD

Degree requirements

84 credit hours including the required applied project course (DNP 707)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (22 credit hours)
DNP 623 Adult-Gerontology Health Promotion (3)
DNP 624 Adult-Gerontology Health Promotion Practicum (3)
DNP 625 Management of Common Health Problems in Adult-Gerontology: Theory (3)
DNP 626 Management of Common Health Problems in Adult-Gerontology: Practicum (5)
DNP 627 Management of Complex Health Problems in Adult-Gerontology: Theory (3)
DNP 628 Management of Complex Health Problems in Adult-Gerontology: Practicum (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing the DNP. The program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Any additional courses determined by the student's unique gap analysis must have been completed in the past five years to be eligible for credit.

Applications are reviewed on a space-available basis after the priority deadline; application deadlines are posted on the program website.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

DNP graduates are prepared for excellence upon entering the workplace and are prepared to practice at the most advanced level of nursing.

Graduates of the adult gerontology nurse practitioner program have the knowledge and training to provide health care for patients in a wide variety of settings. The broad base of comprehension and clinical expertise enable graduates to participate effectively and lead within clinical, community and academic arenas.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/dnp/adult-gerontology-nurse-practitioner-dnp
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Family Nurse Practitioner), DNP (NUANPFNDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The family nurse practitioner concentration of the Doctor of Nursing Practice program is an advanced nursing practice degree. This program prepares graduates to provide holistic, client-centered primary care to patients and families across the life span in a variety of settings.

All programs are offered in a hybrid format requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment across the life span. Specialty courses focus on assessment, screening, diagnosis and management of acute and chronic conditions, emphasizing preventive care and promotion of healthy lifestyle choices. Content includes epidemiology, differential diagnosis and sociocultural variations in evidence-based treatments, including health promotion and health education. The program emphasizes theories, principles and clinical skills for holistic, client-centered, culturally appropriate primary care of infants, children, adolescents, adults and older adults within traditional, nontraditional and culturally diverse families. Practicing faculty with clinical experience teach the specialty coursework and clinical experiences, enriching learning. Any deficiency courses determined by the student's unique gap analysis must have been completed

in the past five years to be eligible for credit.

In addition to advanced nursing specialty-focused outcomes, the program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students are educated as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside of Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers clinical rotations in health profession shortage areas throughout the state, in both urban underserved and rural areas, which provide students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization reciprocity agreements member, Arizona State University is authorized to offer distance education to persons located in individual State Authorization Reciprocity Agreement member states in accordance with the council's established policies and standards. California is not a State Authorization Reciprocity Agreement member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions offering education online or in person in Arizona. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorizations (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours including the required applied project course (DNP 707)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (22 credit hours)
DNP 633 Family Health Promotion (3)
DNP 634 Family Health Promotion Practicum (3)
DNP 635 Management of Common Health Problems in Children, Adults and Families (3)
DNP 636 Management of Common Health Problems in Children, Adults and Families Practicum (5)
DNP 637 Management of Complex and Chronic Health Problems in Children, Adults and Families (3)
DNP 638 Management of Complex and Chronic Health Problems in Children, Adults and Families Practicum (5)

Other Requirement (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a DNP program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• resume
• goal statement

• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. DNP graduates are prepared to practice at the most advanced level of nursing.

Graduates of the family nurse practitioner concentration have the knowledge and training to provide health care for patients across the life span in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to participate effectively and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
On Campus: nursingandhealth@asu.edu
ASU Online: dnpadvising@asu.edu
602-496-0937

Advanced Nursing Practice (Innovation Leadership), DNP (NUANPILDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The Doctor of Nursing Practice program in advanced nursing practice with a concentration in innovation leadership is an advanced nursing practice degree. This program is designed to take the student's thinking and career to the next level by leveraging innovation theory, complexity science and the application of the latest evidence to advanced health system outcomes.

The program is offered in a hybrid format, requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program, and two or three times per semester.

Courses are designed for all clinical leaders, including educators, executives and informaticists, who want to create sustainable health care in the communities they serve. Students learn how to optimize human and social capital, create measurable impact on their organizations, and foster environments of excellence through innovation. Practicing faculty with systems-based experience teach the coursework and residency experiences, enriching learning.

The DNP program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice, and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students are educated as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes. Acknowledged by graduates as a life-changing experience, this program is one of deep personal discovery and diverse professional enrichment. Students are part of a rich social fabric of highly engaged, intellectually astute and practically sound nursing leaders who are changing health care for the nation.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours including the required applied project course (DNP 716)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (9 credit hours)
DNP 713 Analysis of Organizational Cultures in Health Care (3)
DNP 714 Professional Relationships in Healthcare (3)
NUR 640 Integrative Theories of Innovation Health Care (3)

Other Requirements (23 credit hours)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (36 credit hours)

Culminating Experience (3 credit hours)
DNP 716 Leadership of Innovation in Health Care (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, up to 30 credit hours from a previously awarded master's degree can be used for this program.

Other Requirements coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and a master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license, as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Applications are reviewed on a space-available basis after the priority deadline.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the innovation leadership concentration of the advanced nursing practice doctorate have the knowledge and training to change or create sustainable health care in their community. They are able to leverage resources, build effective organizational cultures, and develop professional relationships for high impact.

Career examples include:

- chief executive officer
- chief nurse executive
- clinical director

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/dnp/innovation-leadership-dnp
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

The neonatal nurse practitioner concentration of the Doctor in Nursing Practice program is an advanced nursing practice degree. This program prepares graduates to provide holistic, client-centered care to neonates, infants and children within traditional, nontraditional and culturally diverse families.

Core courses focus on theory to advanced practice, application of evidence to advanced practice, advanced pathophysiology, advanced pharmacology and advanced health assessment. Advanced neonatal nursing theory and clinical courses focus on the development of a framework for developmentally supportive, family-centered, culturally appropriate advanced nursing practice with infants, children and families. Practicing faculty with clinical experience teach the specialty coursework and clinical experiences, enriching learning.

In addition to advanced nursing specialty-focused outcomes, the DNP program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice, and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students are educated as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes.

This is a hybrid program, a blend of in-person and online learning. Students are required to travel to campus for orientation once and for immersions two or three times per semester.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The DNP program offers clinical rotations in health profession shortage areas throughout the state, in both urban underserved and rural areas, providing students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, ASU is authorized to offer distance education to persons located in individual state authorization reciprocity agreement member states in accordance with the council's established policies and standards. California is not a state authorization reciprocity agreement member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

Arizona State University DNP programs are accredited by the Commission on Collegiate Nursing Education.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours including the required applied project course (DNP 707)

Required Core (21 credit hours)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Advanced Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 704 Principles of Evidenced-based Care in Advanced Practice (4)
DNP 705 Healthcare Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (34 credit hours)
DNP 653 Advanced Development and Family Health Promotion: Neonatal Theory I (3)
DNP 654 Neonatal Practicum I (3)
DNP 655 Management of Common Neonatal Problems (3)
DNP 656 Neonatal Practicum II (5)
DNP 657 Management of Complex Problems in Neonates (3)
DNP 658 Neonatal Practicum III: Management of Complex Problems in Neonates (5)
DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 679 Biostatistics: Principles of Statistical Inference (3)

DNP 703 Innovation in Communication-scholarly and Professional Writing (2)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
DNP 711 Healthcare Policy and Innovation (3)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students who complete a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three online recommendations and one self-evaluation
• satisfactory completion of the analytical writing section of the GRE
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

The three online recommendations should be from individuals knowledgeable about the applicant's academic and nursing leadership potential; the self-evaluation is completed by the applicant.

A current unencumbered license is required. If clinical practice will occur outside Arizona, the student must have a current unencumbered license in the state where clinical practice will be conducted. If clinical practice will occur within Arizona, the student must have a current unencumbered Arizona license to practice as a registered nurse.

An interview with a representative of the specialty area is required.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

DNP graduates are prepared to practice at the most advanced level of nursing.

Graduates of the neonatal nurse practitioner concentration of the DNP in advanced nursing practice have the knowledge and training to provide health care for patients in an acute care setting. This broad base of clinical expertise enables them to participate effectively and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | HLTHN 113
https://nursingandhealth.asu.edu
DNPNursing@asu.edu
602-496-0937

Advanced Nursing Practice (Primary Care Pediatric Nurse Practitioner), DNP (NUANPPDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The primary care pediatric nurse practitioner concentration in the Doctor of Nursing Practice program leads to an advanced nursing practice degree. Graduates are prepared to provide holistic, client-centered primary care of infants, children, adolescents and young adults.

All programs are offered in a hybrid format, requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Specialty courses

focus on assessment; screening; diagnosis; health promotion; disease prevention; and management of minor, acute and stable complex-chronic health disorders in the pediatric population. Using best evidence, primary care specialty pediatric courses focus on health promotion and disease management, with an emphasis on preventive care and the development of a framework for supportive, family-centered, culturally appropriate advanced nursing practice for infants, children, adolescents and young adults. Practicing faculty with clinical experience teach the specialty coursework and clinical experiences, which enrich learning. Any deficiency courses determined by the student's specific gap analysis must have been completed within the past five years to be eligible for credit.

In addition to advanced nursing specialty-focused outcomes, the DNP program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice, and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students are educated as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students who reside outside Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. These sites must be approved by Edson College of Nursing and Health Innovation before students begin any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The DNP program offers clinical rotations in health profession shortage areas throughout the state, both in urban underserved and rural areas, that provide students multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA member states in accordance with the council's established policies and standards. California is not a SARA member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation, which are noted on the ASU state authorization website (https://admission.asu.edu/academics/authorizations).

STEM-OPT extension eligible: No

Degree requirements

84 credit hours including the required applied project course (DNP 707)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (22 credit hours)
DNP 643 Developmentally Based Care of the Well Child (3)
DNP 644 Well Child Advanced Practicum (3)
DNP 645 Management of Common Problems in Pediatric Primary Care (3)
DNP 646 Management of Common Problems in Pediatric Primary Care Practicum (5)
DNP 647 Management of Complex and Chronic Health Problems in Pediatric Primary Care (3)
DNP 648 Management of Complex and Chronic Health Problems in Pediatric Primary Care Practicum (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 609 Advanced Practice Nursing Role (1)
DNP 641 Advanced Health Assessment Pediatrics (3)
DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-Scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a DNP. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives and research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation

• resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

This program prepares graduates for excellence upon entering the workplace. DNP graduates are prepared to practice at the most advanced level of nursing.

The primary care pediatric nurse practitioner role is well established in all urban and most rural areas of Arizona. Advanced practice nursing graduates are prepared to provide comprehensive health care for newborns and youths. Graduates also may be employed as professors.

Possible careers include employment in these settings:

- community health centers
- outpatient primary and secondary health care clinics
- specialty health care

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/dnp/pediatric-nurse-practitioner-dnp
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Psychiatric Mental Health Nurse Practitioner), DNP (NUANPCFDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The psychiatric mental health nurse practitioner concentration of the Doctor of Nursing Practice program is an advanced nursing practice degree. This program prepares students to provide holistic, client-centered mental health care to individuals of all ages within traditional, nontraditional and culturally diverse families.

This is a hybrid program, a blend of in-person and online learning. Students are required to travel to campus for orientation once and for immersions two or three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Specialty courses focus on assessment, screening, diagnosis and evidence-based management of common, chronic and complex mental health conditions across the lifespan. The program highlights valid and reliable tools for screening and identification of mental health disorders as well as early interventions for these problems. Content for each disorder include epidemiology, early signs and symptoms, differential diagnosis, and sociocultural variations in evidence-based management and treatment. Management includes psychopharmacologic and therapeutic skills building that are based in motivational interviewing, mindfulness, cognitive behavioral therapy and dialectical behavior therapy. The program emphasizes individual, group and family therapy techniques. Practicing faculty members with clinical experience teach the specialty coursework and clinical experiences, which enrich learning.

In addition to advanced nursing specialty-focused outcomes, the program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice, and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students are educated as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and to surrounding counties to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations, and the college must approve these sites before starting any clinical experience; the program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, the faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program office offers clinical rotations in health profession shortage areas throughout the state, both in urban underserved and rural areas, that provide students multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual state authorization reciprocity agreement member states in accordance with the council's established policies and standards. California is not a state authorization reciprocity agreement member and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation.

STEM-OPT extension eligible: No

Degree requirements

85 credit hours including the required applied project course (DNP 707)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Concentration (29 credit hours)
DNP 660 Advanced Neuropsychopathology Lifespan (2)
DNP 671 Advanced Mental Health Assessment Across the Lifespan (2)
DNP 672 Psychopharmacology Across the Lifespan (3)
DNP 673 Mental Health Promotion Across the Lifespan (3)
DNP 674 Mental Health Promotion Across the Lifespan Practicum (3)
DNP 675 Management of Common Mental Health Disorders Across the Lifespan (3)
DNP 676 Management of Common Mental Health Disorders Across the Lifespan Practicum (5)
DNP 677 Management of Complex and Chronic Mental Health Disorders Across the Lifespan (3)
DNP 678 Management of Complex and Chronic MH Disorders Across the Lifespan Practicum (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a DNP. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Any additional courses determined by the student's gap analysis must have been completed in the past five years to be eligible for credit.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. DNP graduates are prepared to practice at the most advanced level of nursing.

Graduates have the knowledge and training to provide health care for patients across the lifespan in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to participate effectively and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/dnp/family-psychiatric-and-mental-health-nurse-practitioner-dnp
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP (NUANPWHDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The women's health nurse practitioner concentration of the Doctor of Nursing Practice program is an advanced nursing practice degree. The program prepares graduates to provide holistic, client-centered primary care to women of any age from adolescence through older adulthood.

All programs are offered in a hybrid format requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment across the lifespan. Specialty courses focus on the assessment, screening, diagnosis and evidence-based management of common and complex gynecologic, sexual, reproductive, menopause-transition and post-menopause health care; uncomplicated and high-risk antepartum and postpartum care; as well as sexual and reproductive health care for men. Courses emphasize research and theories to provide the context essential to advanced nursing practice. These courses focus on health promotion, risk assessment and disease prevention for women across the lifespan, taking into account factors that influence health care and health outcomes. Any deficiency courses determined by the student's specific gap analysis must have been completed within the past five years to be eligible for credit.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside of Maricopa County, Arizona, are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before starting any clinical experience; the DNP program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The DNP program offers clinical rotations in health profession shortage areas throughout the state, both in urban underserved and rural areas, that provide students with multicultural experiences to enhance professional

development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual state authorization reciprocity agreement member states in accordance with the council's established policies and standards. California is not a state authorization reciprocity agreement member and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions offering online and in-person education from Arizona. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these exceptions are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours including the required applied project course (DNP 707)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Health Care Environment (3)
DNP 709 Individual and Innovation Leadership in Health Care Practice (3)

Concentration (22 credit hours)
DNP 613 Women's Health Promotion I (3)
DNP 614 Women's Health Practicum I (3)
DNP 615 Management of Common Problems in Women's Health (3)
DNP 616 Advanced Women's Health Practicum II (5)
DNP 617 Management of Complex and Chronic Disease in Women (3)
DNP 618 Advanced Women's Health Practicum III (5)

Other Requirements (40 credit hours)
DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Advanced Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours,

exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

All students also are required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the women's health nurse practitioner program have the knowledge and training they need in order to provide health care to patients across the lifespan in a wide variety of settings. The broad base of comprehension and clinical expertise enables graduates to effectively participate and lead within clinical, community and academic arenas.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/dnp/womens-health-nurse-practitioner-dnp
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice, DNP (NUANPDNP)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The Doctor of Nursing Practice in advanced nursing practice prepares graduates to apply research to and integrate research into clinical practice, using innovative approaches to improve health care outcomes of populations and individuals across multiple settings.

All programs are offered in a hybrid format requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Courses are designed for clinical experts and emphasize systems thinking in complex health environments, evidence-based practice, implementation science, and dissemination of outcomes to advance health care practices and policies. The program emphasizes innovation, leadership in professional relationships, and impacting organizational culture. Practicing faculty with systems-based experience teach much of the coursework and residency experiences, enriching student learning.

The DNP program engages students to meet doctoral-level competencies in systems-level thinking, complexity science, quality and safety, evidence-based practice, and the development of a doctoral project within a partner organization to improve outcomes at the patient, provider or health care system level. Students of the doctoral program are educated

as leaders at the highest level of nursing practice to translate research into practice, lead in multidisciplinary teams, and engage in health care policy and advocacy to improve patient outcomes.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours including the required applied project course (DNP 707)

Required Core (13 credit hours)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

Other Requirement (23 credit hours)
DNP 679 Biostatistics: Principles of Statistical Inference (3)
DNP 703 Innovation in Communication-scholarly and Professional Writing (2)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (45 credit hours)

Culminating Experience (3 credit hours)
DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information
Students complete 540 hours of clinical practice residency and the program courses. Completion of an evidence-based doctoral applied project is required. Each project is developed individually with each student. The student has a primary mentor working with them on the project. Clinical practice residency hours are used to complete the project in a practice setting; work settings may be included, but specific objectives are developed individually with each student and may be different from the student's job. Experiences with disadvantaged and multicultural populations are encouraged, as are experiences in rural areas, and sites are available for these experiences.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, up to 30 credit hours from a previously awarded master's degree can be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a

nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must be certified as an advanced practice nurse. A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants to the post-master's program should identify a relevant clinical issue related to advanced practice nursing that they would like to pursue during their doctoral program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Applications are reviewed on a space-available basis after the priority deadline.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the DNP program have the knowledge and training to provide health care for patients across the life span in a wide variety of settings. This broad base of comprehension and clinical expertise enables them to effectively participate and lead within clinical, community and academic arenas.

Career examples:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-dnp
nursingandhealth@asu.edu
602-496-0937

Aging, MS (LAALDMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

Aligned with the Arizona State University charter and design aspirations, the flexible online Master of Science program in aging assumes responsibility for the overall health of communities by educating students to become experts in the field of aging. This graduate program emphasizes theory and research to understand the unique opportunities and challenges of the aging population. After completing this program, graduates may apply for credentialing as a gerontologist through the National Association for Professional Gerontologists.

By fusing intellectual disciplines and socially embedding with partners in the network of aging health, wellness and social services, as well as entrepreneurs developing senior-related business ventures, this program is uniquely positioned to address the varied needs of this rapidly growing population. The program provides students with advanced interdisciplinary knowledge that focuses on improving the well-being of diverse older adults within the context of their families and communities.

The curriculum of the MS in aging is competency-based and designed in accordance with the Academy for Gerontology in Higher Education competencies for graduate education. It addresses the multidimensional aging process and the needs of aging populations and their potential contributions to society; reflects national health initiatives; and encourages interdisciplinary and community collaborations that are reciprocal, beneficial and sustainable to improve health outcomes of older adults.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Science (Health Entrepreneurship and Innovation), BAS

Community Health, BS

Health Entrepreneurship and Innovation, BS

Integrative Health, BS

Health Care Coordination, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about

eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (HCA 593)

Required Core (15 credit hours)
HCA 501 Perspectives on Aging and the Life Course (3)
HCA 502 Research and Program Evaluation Issues in Aging (3)
HCA 503 Diversity in Aging (3)
HCA 505 Interdisciplinary and Community Collaboration in Aging (3)
HCA 508 Mental Health Assessment and Intervention (3)

Restricted Electives (6 credit hours)
HCA 504 Caregiving Issues for Families and Professionals (3)
HCA 507 Care Coordination Across the Continuum of Care (3)
HCA 510 Innovations in Program Development and Policy (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
HCA 593 Applied Project (3)

Additional Curriculum Information
The program requires six credit hours of electives to support academic and professional interests. Students should consult with their advisor for the current approved elective list. Other courses may be used with approval of the academic unit.

For restricted electives, students select two courses from the list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/aging-ms/) for program descriptions and to request more information.

Career opportunities

Graduates have the knowledge, training and insight to provide relevant information for the aging population in a wide variety of settings. The broad base of comprehension and expertise enables graduates to effectively participate and lead within the aging community.

Career examples include:

- advocate
- consultant
- entrepreneur
- expert witness
- facilities director
- lecturer
- program manager
- research coordinator

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
msaging@asu.edu
602-496-0937

Clinical Research Management (certificate), Certificate (NUHCRGRCC)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

Program description

The clinical research management certificate program allows research professionals an opportunity to advance their careers in clinical research. The program helps them build a solid foundation in clinical trial management.

Through this online certificate program, students gain skills in ethical and responsible conduct, clinical research regulations, trial operations and data management. Coursework includes critical topics such as day-to-day operations, participant recruitment and retention, staffing, data management and comprehensive clinical trial management.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (12 credit hours)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 562 Clinical Research Data Management and Technology Implementation (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 565 Clinical Research Operations (3)

Restricted Elective (3 credit hours)

Additional Curriculum Information
Students should see the academic unit for the list of restricted electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• two online references
• personal statement
• response to application questions
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must have six months of full-time, related clinical research work or internship experience as described on the applicant's resume or curriculum vitae. Applicants may be required to submit a job description or internship transcript from their employer.

The online references should be professionals, such as colleagues, supervisors, professors or other professional contacts who can attest to the applicant's academic and leadership experiences.

Knowledge of anatomy, physiology and medical terminology is recommended.

Applications are due 30 days before the start of the session.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-clinical-research-management/) for program descriptions and to request more information.

Career opportunities

Certificate graduates can prepare for research positions that involve evaluating the safety and effectiveness of new medical products. There are many different therapeutic focus areas that graduates can pursue. Specific careers include:

- clinical research assistant
- clinical research associate
- clinical research coordinator
- clinical research supervisor

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
EdsonCollege.Graduate@asu.edu
602-496-0937

Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

Program description

Clinical research management is a dynamic and growing field encompassing medical, health and research professionals who lead and conduct clinical trials for innovative medical products.

Regulatory affairs ensure that new products meet the requirements and standards set by regulatory authorities; and regulatory science addresses the safety, efficacy, quality and regulation of new medical products, diagnostics and treatments. The Master of Science program aligns regulations and national competencies throughout the life cycle of medical products. With a master's degree in clinical research management and a focus on regulatory science, graduates can advance medical care and treatment while ensuring that new discoveries adhere to rules and regulations that keep patients safe.

The regulatory science concentration of this program offers a robust blend of skills in clinical research management and regulatory affairs and sciences. Coursework in this rigorous program includes regulatory writing techniques, quality assurance, medical devices and drugs, and pharmaceutical safety and risk management, ethical standards and regulation, in addition to clinical trial management.

This program meets the needs of professional adult learners and provides the flexibility of online courses, allowing for enrollment five times per year. Students can complete the program on a part-time basis, enabling them to continue to work while earning their degree.

The program has the distinction of being the first clinical research graduate degree to receive accreditation from the

Commission on Accreditation of Allied Health Education Programs. The CAAHEP is the largest programmatic accreditor in the health sciences field and is recognized by the Council for Higher Education Accreditation in the U.S. and internationally.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required capstone course (HCR 566)

Required Core (18 credit hours)
HCR 551 Clinical Research Monitoring (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 562 Clinical Research Data Management and Technology Implementation (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 565 Clinical Research Operations (3)
HCR 574 Scientific and Research Review Boards (3)

Concentration (12 credit hours)
HCR 552 Medical Device Development and Regulation (3)
HCR 553 Quality Assurance and Clinical Research (3)
HCR 555 Pharmaceutical Safety and Risk Management (3)
HCR 557 Clinical Research Design and Methods (3)
HCR 558 Technical Writing for the Regulatory Professional (3)
HCR 564 Global Regulatory Affairs Leadership (3)
HCR 567 Research Management and Contemporary Research Topics (3)
HCR 578 Legal Aspects of Clinical Research (3)
HCR 579 Translational Research in Drug Discovery and Development (3)

Culminating Experience (3 credit hours)
HCR 566 Clinical Research Management Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• three online references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The applicant must have six months of full-time, related clinical research work or internship experience as described in a resume or curriculum vitae. Applicants without six months of experience are required to complete the research foundation courses provided through the program prior to enrollment in any courses.

The online references should be from colleagues, supervisors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Courses or a background in anatomy, physiology and medical terminology are recommended.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-clinical-research-management-regulatory-science/) for program descriptions and to request more information.

Career opportunities

Graduates with an MS in clinical research management with a focus on regulatory science have a variety of career opportunities to explore. Career examples include:

clinical research associate
clinical research coordinator
project manager
quality control specialist
regulatory affairs manager
regulatory affairs specialist
regulatory submission manager

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
EdsonCollege.Graduate@asu.edu
602-496-0937

Clinical Research Management, MS (NUCRMMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

Program description

Clinical research management is a dynamic and growing field encompassing medical, health and research professionals who lead and conduct clinical trials for innovative medical products.

With clinical research rapidly expanding, the Master of Science program in clinical research management takes a transdisciplinary approach in providing an education strong in commercial and fiscal practices of conducting clinical research to prepare students for clinical trial management. This accredited program explores the ethical and regulatory aspects of research and overall management of clinical drug, biological and medical device trials, management of clinical studies, data management, drug discovery and medical devices. Students are encouraged to innovate and develop entrepreneurial skills to lead clinical research endeavors.

The MS program in clinical research management meets the needs of professional adult learners and provides the flexibility of online courses, allowing for enrollment five times per year. Students can complete the program on a part-time basis, enabling them to continue to work while earning their degree. Completion of the program requires a project applicable to the clinical research management field.

This degree has the distinction of being the first clinical research graduate degree to receive accreditation from the Commission on Accreditation of Allied Health Education Programs. The CAAHEP is the largest programmatic accreditor in the health sciences field and is recognized by the Council for Higher Education Accreditation in the U.S. and internationally.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required capstone course (HCR 566)

Required Core (18 credit hours)
HCR 551 Clinical Research Monitoring (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 562 Clinical Research Data Management and Technology Implementation (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 565 Clinical Research Operations (3)
HCR 574 Scientific and Research Review Boards (3)

Restricted Electives (12 credit hours)
HCR 552 Medical Device Development and Regulation (3)
HCR 553 Quality Assurance and Clinical Research (3)
HCR 555 Pharmaceutical Safety and Risk Management (3)
HCR 557 Clinical Research Design and Methods (3)
HCR 564 Global Regulatory Affairs Leadership (3)
HCR 567 Research Management and Contemporary Research Topics (3)
HCR 568 Health Care Project Management (3)
HCR 575 Management and Negotiation of Clinical Trial Budgets and Contracts (3)
HCR 576 Drug Discovery, Development and Regulations (3)

Culminating Experience (3 credit hours)
HCR 566 Clinical Research Management Capstone (3)

Additional Curriculum Information
Students select four courses from the restricted electives list.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree that includes courses with content in anatomy and physiology and medical terminology, or if they have earned a bachelor's degree. Education or experience in anatomy, physiology and medical terminology is recommended.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• two online references
• personal statement
• response to application questions
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The applicant must have six months of full-time, related clinical research work or internship experience, as described in a resume or curriculum vitae. Applicants who do not have six months of experience are required to complete a course in clinical research foundations, provided by the program, before enrolling in courses.

The online references should be from colleagues, supervisors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-clinical-research-management/) for program descriptions and to request more information.

Career opportunities

The MS degree program in clinical research management prepares students for careers in governmental and regulatory agencies, pharmaceutical and medical device companies, health care institutions, academic institutions, and national or international research organizations.

Graduates have career opportunities in many areas. Career examples include:

clinical research associate

clinical research coordinator
clinical trial data manager
clinical trial director
clinical trial program manager

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
EdsonCollege.Graduate@asu.edu
602-496-0937

Emergency Nurse Practitioner (Certificate), Certificate (NUEMNPGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The certificate program for the emergency nurse practitioner specialty is an advanced nursing practice program. Graduates are prepared to provide holistic, client-centered care to patients across the life span in ambulatory, urgent and emergent settings. The program is designed for board-certified family practitioner nurses who seek additional certification as an emergency nurse practitioner and for students currently enrolled in their third year in the Doctor of Nursing Practice program in the family nurse practitioner track at Arizona State University who are seeking to become an emergency nurse practitioner.

This is a hybrid program, a blend of in-person and online learning. Students are required to travel to campus for orientation and immersions two or three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Any deficiency courses determined by the student's specific gap analysis must have been completed in the past five years to be eligible for credit.

Specialty courses focus on care for patients with cardiovascular, thoracic-respiratory, dermatologic, abdominal, musculoskeletal, psychiatric, traumatic, renal, genitourinary, endocrine, nervous, head, ear, nose and throat system diseases and disorders in ambulatory, urgent and emergent settings.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, surrounding counties to complete their assigned clinical placement.

Students who reside outside Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the doctoral program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers practicum experiences (clinical rotations) in health profession shortage areas throughout the state, in both urban underserved and rural areas; these provide students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, ASU is authorized to offer distance education to persons located in individual SARA member states, in accordance with the council's established policies and standards. California is not a SARA member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

ASU nursing practice programs are accredited by the Commission on Collegiate Nursing Education and are validated by the American Academy of Emergency Nurse Practitioners.

STEM-OPT extension eligible: No

Degree requirements

16 credit hours

Required Core (16 credit hours)
DNP 610 Principles of Advanced Emergency Nursing I (3)
DNP 611 ENP Practicum I: Advanced Emergency Nursing Practice (3)
DNP 630 Principles of Advanced Emergency Nursing II (3)
DNP 631 ENP Practicum II: Advanced Emergency Nursing Practice (4)
DNP 649 Advanced Physiology (3)

Additional Curriculum Information
Every certificate student must complete 315 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the certification organization, American Association of Nurse Practitioners (AANP) for the graduate to be eligible to take the national Emergency Nurse Practitioner certification examination.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. If clinical sites are unavailable in that area or if the faculty determine that the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged, as are experiences in rural areas, and sites are available for these experiences.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• professional resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

The goal statement should indicate the applicant's understanding of the role of the advanced practice nurse with the population of interest and any experience they may have working with the patient population of interest.

The admission essay should briefly describe how meeting "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) will further the applicant's career goals.

Applicants must be a licensed family nurse practitioner or enrolled in the family nurse practitioner program at ASU.

An interview with program faculty is required.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the emergency nurse practitioner certificate program have the knowledge and training to provide health care for patients across the life span in a wide variety of settings, and their broad base of comprehension and clinical expertise enables them to effectively participate and lead within clinical, community and academic arenas.

Career examples include:

business owner
community advocate
nurse practitioner
professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
nursingandhealth@asu.edu
602-496-0937

Family Nurse Practitioner (certificate), Certificate (NUFMPGRCE)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The certificate program for the family nurse practitioner specialty is an advanced nursing practice program. Students are prepared to provide holistic, client-centered primary care to individuals of all ages within traditional, nontraditional and culturally diverse families. The program is designed for board-certified nurses in a different advanced practice registered nurse specialty area who seek additional certification as a family nurse practitioner, and for doctorate-level nurses who seek to become a family health nurse practitioner. Nurses are prepared to meet the physical, psychological and social needs of individuals and families across the life span.

All programs are offered in a hybrid format, requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program, and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Any deficiency courses determined by the student's unique gap analysis must have been completed in the past five years to be eligible for credit.

Specialty courses focus on assessment, diagnosis and evidence-based management of common, chronic and complex health conditions in individuals, from infants to geriatrics, within traditional, nontraditional and culturally diverse families. Content that includes epidemiology, differential diagnosis, and sociocultural variations in evidence-based treatments, including health promotion, is emphasized.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the doctoral program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers practicum experiences (clinical rotations) in health profession shortage areas throughout the state, in both urban underserved and rural areas, that provide students with multicultural experiences to enhance their professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, ASU is authorized to offer distance education to students in individual SARA member states, in accordance with the council's established policies and standards. California is not a SARA member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions offering online and in-person education from Arizona. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these exceptions are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

22 credit hours

Required Core (22 credit hours)
DNP 633 Family Health Promotion (3)
DNP 634 Family Health Promotion Practicum (3)
DNP 635 Management of Common Health Problems in Children, Adults and Families (3)
DNP 636 Management of Common Health Problems in Children, Adults and Families Practicum (5)
DNP 637 Management of Complex and Chronic Health Problems in Children, Adults and Families (3)
DNP 638 Management of Complex and Chronic Health Problems in Children, Adults and Families Practicum (5)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of a current unencumbered RN license in the state in which the student plans to do clinical practicums
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement, and must meet all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

All applicants have an interview with program faculty before admission to the program.

It is preferred that applicants have at least one year of clinical experience working with their specialty population.

Admission examinations are not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the family nurse practitioner certificate program have the knowledge and training to provide health care to patients across the life span in a wide variety of settings. The broad base of comprehension and clinical expertise enables graduates to effectively participate and lead within clinical, community and academic arenas.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure and certification webpage (https://admission.asu.edu/academics/licensure).

Contact information

Edson College of Nursing and Health Innovation | HLTHN 113
https://nursingandhealth.asu.edu/programs/certificate/family-nurse-practitioner-graduate-certificate
nursingandhealth@asu.edu
602-496-0937

Food Safety and Protection (certificate), Certificate (NUFDSPGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

Program description

The online food safety graduate certificate is designed for working professionals and graduate students interested in food policy as it relates to the safety and quality of foods. The curriculum is aligned with local, state and federal health

and safety initiatives and also integrates the regulatory focus of the Food and Drug Administration.

The program focuses on the downstream evaluation of the production, processing and preparation of food and food products. Students learn to assess food safety hazards, such as waterborne and food pathogen outbreaks. They also learn about food manufacturing and processing, quality systems, foodborne illnesses, and policies and regulations.

Edson College of Nursing and Health Innovation recommends that students have a course in chemistry and biology completed before enrolling in the certificate.

The program aligns with the content on the Certified Professional Food Manager certification exam from the National Environmental Health Association and helps prepare students to take the NEHA exam. To successfully acquire professional certifications and credentials, and even to be eligible to test for these, students may need prior work experience, additional coursework, fieldwork and background checks. Students should refer to the NEHA website for general information. www.neha.org (https://www.neha.org/)

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (12 credit hours)
HCR 543 Food Safety and Protection (3)
HCR 544 Assessing Food Safety and Developing Policy Procedures and Training (3)
HCR 558 Technical Writing for the Regulatory Professional (3)
SFS 560 Tools and Tactics for Food Policy Change (3) or HCR 550 Quality Assurance and Safety in Food and Dietary Supplements (3)

Other Requirements (3 credit hours)
HCR 563 Fundamentals of Regulatory Affairs (3) or
HCR 584 Internship (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a science-based or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/food-safety-grad-certificate/) for program descriptions and to request more information.

Career opportunities

Graduates with a food safety certificate bring strong analytical, writing and inspection skills to the job market. Many find work within the manufacturing and agricultural industries as food safety, quality control or plant managers; product and public health inspectors; or compliance officers in food manufacturing and processing.

Career examples include:

- border control public health inspector
- facility manager
- federal consumer safety inspector
- food and safety sanitation product inspector
- food inspector
- food manufacturing, process and preparation specialist
- health inspector
- production control food safety inspector

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
nursingandhealth@asu.edu
602-496-0937

Health Care Innovation (Certificate), Certificate (NUHCINGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

The growing field of health care innovation requires individuals who can lead and facilitate change.

In the health care innovation graduate certificate program, offered in a flexible online format, students learn through reflection, personality assessment, exercises in interdisciplinary team-case study analyses, system intervention, idea

pitching and change-readiness assessment. Related entrepreneurial and intrapreneurial concepts, such as prototyping, business plan or project plan design, budgeting and presentation skills, are also covered.

Emphasizing complexity leadership and vulnerability along with emotional competence, this certificate prepares students to work in this interdisciplinary and highly sought-after area.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
HCI 538 Innovation and the Individual (3)

Electives (12 credit hours)

Additional Curriculum Information
Students work closely with an advisor to select electives tailored to their individual goals and interests. Elective coursework includes 12 credit hours at the 500 level or above focused on entrepreneurship and innovation. A minimum of six credit hours must be completed from HCI courses.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any health-related business, social science, hard science, health care practice or technology field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Admission examinations are not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-health-care-innovation/) for program descriptions and to request more information.

Career opportunities

Graduates with the health care innovation graduate certificate have opportunities for careers such as:

clinical nurse specialist
community health worker
health educator
health information technician
informatics nurse specialist

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
EdsonCollege.Graduate@asu.edu
602-496-0937

Health Care Simulation (Certificate), Certificate (NUHCSGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

Nearly every nursing program, medical school and health care organization utilizes formative and summative simulation experiences. The simulated learning environment provides a psychologically safe space where students can make mistakes without risk to real patients.

The graduate certificate in health care simulation prepares the workforce of the future to design evidence-based simulations in the clinical or academic setting, understand how to operate and sustain a simulation center, evaluate the effectiveness of simulation, and design process improvement plans. Students receive a range of experiences so they can learn to lead interprofessional teams to design, deliver, evaluate or employ operations techniques simulation education.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
HCS 501 Foundations in Health Care Simulation (3)

Other Requirements (12 credit hours)
HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3)

HCS 503 Principles of Operations Management in Health Care (3)
NUR 548 Patient Safety, Health Care Quality and Informatics (3)
NUR 671 Teaching in Academic and Practice Settings (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• resume (optional)
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/international/graduate/english-proficiency) regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/health-care-simulation/) for program descriptions and to request more information.

Career opportunities

A health care simulation certificate can create career opportunities, including:

- health care or clinical simulation educator
- operations specialist
- simulation director
- simulation facilitator
- simulation faculty
- simulationist

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu

healthcaresim@asu.edu
602-496-0937

Health Care Simulation, MS (NUHCSMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

In the Master of Science program in health care simulation, students acquire skills to design evidence-based simulations in the clinical or academic setting, understand how to operate and sustain a simulation center, evaluate the effectiveness of simulation, and design process improvement plans.

Students develop evidence-based scenario design, use technology-enhanced environments that replicate real patient experiences with lifelike high-fidelity computer manikins or simulated participants, and employ operations techniques. Through learning and working with their peers, faculty and leaders from multiple disciplines such as health care, sociology, technology, the arts and public policy, students gain experience in creating transdisciplinary solutions.

Simulation in health care education aims to improve competencies in communication, teamwork, critical thinking, professional identity and safety. The simulated learning environment provides a psychologically safe space where students can make mistakes without risk to real patients.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (HCS 593)

Required Core (3 credit hours)
HCS 501 Foundations in Health Care Simulation (3)

Other Requirements (18 credit hours)
HCI 540 Understanding and Applying Principles of Evidence-based Practice (3)
HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3)
HCS 503 Principles of Operations Management in Health Care (3)
NUR 521 Health Care Evidence, Informatics and Analysis (3)
NUR 548 Patient Safety, Health Care Quality and Informatics (3)
NUR 671 Teaching in Academic and Practice Settings (3)

Restricted Electives (6 credit hours)
BMI 601 Fundamentals of Health Informatics (3)
HCI 538 Innovation and the Individual (3)
HCI 544 Information Technology (IT) for Health Care Innovation (3)
NUR 670 Curriculum Development in Academic and Practice Settings (3)

Culminating Experience (3 credit hours)
HCS 593 Applied Project (3)

Additional Curriculum Information
Coursework for other requirements or restricted electives may be substituted with approval of the academic unit.

For restricted electives, students choose two courses from the above list, for a total of six credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health care or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/health-care-simulation-masters/) for program descriptions and to request more information.

Career opportunities

Graduates of the online MS in health care simulation program are equipped for roles in both academic and clinical simulation settings. Career examples include:

director or assistant director of a simulation center
education technician simulation specialist
operations specialist
simulation education specialist
simulation manager
simulation nurse

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/masters
healthcaresim@asu.edu
602-496-0937

Healthcare Innovation, MHI (NUHCINNMHI)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

Program description

The fully online Master of Health Care Innovation program prepares students to build and sustain cultures of innovation. Students learn from multiple perspectives: personal competence for innovation, use of evidence in decision-making, remodeling system infrastructures, financing, communication and policymaking. Students study change theory, leadership, entrepreneurship, technology and system design, and they develop competence in the design, application and testing of innovative processes and products. A primary focus of the MHI is to prepare students to lead processes of innovation and transformation.

Innovative thinking, planning, implementation and evaluation are emphasized throughout the program. The curriculum incorporates the latest trends in health care and is built upon collaboration with other professionals and faculty across diverse disciplines.

Graduates of the program possess the leadership skills and behaviors to influence the future of health care as well as transform and improve health care outcomes for individuals and communities.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Science (Health Entrepreneurship and Innovation), BAS

Community Health, BS

Health Entrepreneurship and Innovation, BS

Integrative Health, BS

Health Care Coordination, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

34 credit hours including the required capstone course (HCI 563)

Required Core (5 credit hours)
HCI 538 Innovation and the Individual (3)
HCI 561 Innovation Methods (2)

Electives (6 credit hours)

Other Requirements (18 credit hours)
HCI 540 Understanding and Applying Principles of Evidence-Based Practice (3)
HCI 542 Systems Thinking in a Complex Environment (3)
HCI 544 Information Technology (IT) for Health Care Innovation (3)
HCI 548 Advanced Principles and Concepts of Innovation (3)
HCI 550 Health Care Policy and Innovation (3)

HCI 552 Financing for Innovation (3)

Culminating Experience (5 credit hours)
HCI 563 Capstone: Final Innovation Project (5)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit
• graduate admission application and application fee
• official transcripts
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-healthcare-innovation/) for program descriptions and to request more information.

Career opportunities

Graduates are equipped to drive change and innovation in the evolving health care industry.

Career examples include:

- health administration
- health care consultants
- health information technicians
- health technologists
- medical and health service managers

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
EdsonCollege.Graduate@asu.edu
602-496-0937

Innovation Leadership (Certificate), Certificate (NUINLSGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

ASU is not currently accepting applications for this program.

Program description

In the graduate certificate program in innovation leadership, students gain the cognitive and affective competencies necessary to lead and facilitate innovation in the contexts of health care products, processes and systems. The emerging field of innovation leadership in health care requires individuals who can lead and facilitate change.

Students learn through reflection, personality assessment, public speaking, leadership network identification, entrepreneurship, idea pitching and change-readiness assessment.

Students are prepared to work in this transdisciplinary and highly sought-after area of leadership.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (HCI 571)

Required Courses (12 credit hours)
HCI 538 Innovation and the Individual (3)
HCI 543 Approaches to Health Care Innovation (3)
HCI 545 Public Speaking for Innovation: Building Your Presence and Making the Case for Change (3)
NLM 562 Social Entrepreneurship (3)

Culminating Experience (3 credit hours)
HCI 571 Health Care Innovation Leadership Portfolio: Culminating Experience (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's or master's degree in any health-related business, social science, hard science, health care practice or technology field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Admission examinations are not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Career opportunities

Graduates have the knowledge and training to change or create sustainable health care in their community.

Career examples include:

chief executive officer
chief nurse executive
clinical director

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/certificate
nursingandhealth@asu.edu
602-496-0937

International Health for Healthcare Professionals (certificate), Certificate (NUHCRGRCI)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program description

The international health for healthcare professionals graduate certificate program prepares health care personnel to meet the global health challenges of the future. Students receive comprehensive education in the promotion of holistic, culturally responsive, evidence-based care within and outside the U.S.

Course content includes the provision of care in the presence and absence of natural (e.g., earthquakes) and human-made disasters (e.g., war), the spread of chronic and infectious diseases, economic and political issues, and other factors that pose substantial challenges to world health promotion and disease prevention.

This graduate certificate is offered as a part-time or full-time hybrid online distance program that includes two daylong visits to the ASU Downtown Phoenix campus and a capstone immersion experience.

STEM-OPT extension eligible: No

Degree requirements

16 credit hours including the required capstone course (HCR 572)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they are undergraduate-prepared nurse or health-related professional (e.g., social worker, physician, psychologist, dentist) with a baccalaureate or graduate degree from a nationally or internationally recognized and regionally accredited academic institution, or equivalent.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional license in the state where the individual capstone project will be conducted, if required (e.g., RN, NP, MSW, PA or MD)
• resume or curriculum vitae
• email addresses of three professional references (not friends or relatives), who will be contacted to complete online recommendations
• fingerprint clearance or proof of application for U.S. citizens and applicants with permanent U.S. resident status
• photocopy of current, valid passport
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

References are contacted by the Graduate College, with a request to complete a reference questionnaire.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
nursingandhealth@asu.edu
602-496-0937

Interprofessional Healthy Aging (certificate), Certificate (NUGNCERT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

This certificate program in interprofessional healthy aging prepares professionals to address healthy aging, focusing on prevention and early intervention to optimize physical, mental and behavioral health and improve the quality of life of older adults and their family caregivers. The program, with an online flexible plan of study option, provides students with interdisciplinary knowledge that focuses collaboratively on improving the well-being of diverse older persons in the context of their families and communities.

The curriculum is based on the Association for Gerontology in Higher Education's Competencies for Graduate Education and addresses the multidimensional aging process, the needs of aging populations, and their potential contributions. It reflects national health initiatives and encourages reciprocal, beneficial and sustainable interdisciplinary and community collaborations to improve health outcomes.

Those who complete the program can apply for recognition as a gerontological coordinator by the National Association for Professional Gerontologists, an independent international professional organization.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
HCA 501 Perspectives on Aging and the Life Course (3)

Restricted Electives (12 credit hours)
HCA 502 Research and Program Evaluation Issues in Aging (3)
HCA 503 Diversity in Aging (3)
HCA 504 Caregiving Issues for Families and Professionals (3)
HCA 505 Interdisciplinary and Community Collaboration in Aging (3)
HCA 507 Care Coordination across the Continuum of Care (3)
HCA 508 Mental Health Assessment and Intervention (3)
HCA 510 Innovations in Program Development and Policy (3)
NUR 628 Research, Theory and Principles for Palliative Care in the Older Adult (3)
SWG 571 Mental Health Aspects of Aging (3)
SWG 573 Policies to Promote Healthy Aging (3)
SWG 623 Program Evaluation (3)
SWG 632 Policy Practice (3)

Additional Curriculum Information
Other courses may be substituted for restricted electives if approved by the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/gerontology-graduate-certificate/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared for employment in these occupations:

gerontological coordinator
life enrichment coordinator
life enrichment director
program manager
research coordinator

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
EdsonCollege.Graduate@asu.edu
602-496-0937

Nurse Education in Academic and Practice Settings (certificate), Certificate (NUNURSEDCE)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

This certificate program in nurse education in academic and practice settings prepares registered nurses and other health professionals who have earned a master's degree to teach in academic or practice settings.

Courses include curriculum development, teaching methods, design and delivery of mediated instruction, producing and evaluating educational programs, and a teaching practicum.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
NUR 670 Curriculum Development in Academic and Practice Settings (3)
NUR 671 Teaching in Academic and Practice Settings (3)
NUR 672 Design and Delivery of Mediated Instruction (3)
NUR 673 Producing and Evaluating Programs for Academic and Practice Settings (3)
NUR 579 Role-Focused Practicum: Nurse Educator (3) or
NUR 677 Scholarly Citizenship: Teaching Intensive (3)

Additional Curriculum Information
A teaching practicum (comprising 135 clock hours) is required.

As part of the required core, MS and DNP students take NUR 579, and PhD students take NUR 677.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a minimum of a master's degree in any field from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three professional letters of recommendation
• resume
• goal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas

must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

Licensure Requirements: RN licensure is not required for admission to the nurse education in academic and practice settings certificate program. However, to remain in the program, admitted students who are registered nurses must hold a current unencumbered RN license in the state in which they plan to do clinical practicums.

Health and Safety Requirements: Students recommended for admission must meet health and safety requirements by established deadlines, including a passing disposition on a background clearance, satisfactory completion of a substance screen and other requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/nurse-education-academic-and-practice-settings-graduate/) for program descriptions and to request more information.

Career opportunities

The nurse educator certificate prepares graduates for a variety of careers, helping to educate the future nursing workforce. Possible careers include:

academic faculty
charge nurse
chief nursing officer
nurse educator
nursing supervisor

Contact information

Edson College of Nursing and Health Innovation | HLTHN 113
https://nursingandhealth.asu.edu/
nursingandhealth@asu.edu
602-496-0739

Nursing (Entry to Nursing Practice), MS (NUNRENPRMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The Master of Science program in nursing with a concentration in entry to nursing practice is designed for students with a bachelor's degree in a nonnursing discipline who wants to pursue a career in nursing. It is widely known as a master's entry program in nursing or MEPN. This is a full-time program; students should expect a time commitment of at least 40 hours per week. Requirements may include weekends and overnight clinical experiences.

Program highlights include:

• completing a graduate degree in nursing with preparation for diverse nursing roles
• developing hands-on skills through simulation and clinical experiences

• streamlined program designed for individuals with nonnursing bachelor's degrees

Graduates of this program are eligible to take the National Council Licensure Examination and apply for RN licensure through a state board of nursing.

STEM-OPT extension eligible: No

Degree requirements

53 credit hours including the required applied project course (NUR 593)

Required Core (3 credit hours)
HCI 538 Innovation and the Individual (3) or NUR 501 Individual and Innovation Leadership in Health Care (3)

Concentration (40 credit hours)
DNP 602 Evaluating Research for Practice (3)
NUR 514 Nursing Theory: Nursing Fundamentals (5)
NUR 515 Nursing Concepts for Psychiatric Mental Health (2)
NUR 516 Nursing Practice: Psychiatric Mental Health (2)
NUR 517 Nursing Practice: Pediatrics (2)
NUR 518 Nursing Practice: Adults (4)
NUR 519 Role-Focused Practicum: Care Coordination for the Nurse Leader (2)
NUR 524 Nursing Practice: Childbearing Family (2)
NUR 533 Nursing Concepts: Childbearing Family (2)
NUR 542 Readiness to Practice (2)
NUR 544 Theoretical Foundations for Nursing (3)
NUR 545 Advanced Pharmacology (3)
NUR 547 Community, Global and Population Health (3)
NUR 548 Patient Safety, Health Care Quality and Informatics (3)
NUR 550 Health Assessment (2)

Other Requirements (7 credit hours)
NUR 417 Nursing Concepts: Pediatric Clients (2)
NUR 478 Nursing Practice: Complex Care (2)
NUR 546 Nursing Concepts for Complex Care (3)

Culminating Experience (3 credit hours)
NUR 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants who hold a BSN degree are not eligible and should apply to the MS program in nursing or the MS program in nursing with a concentration in nursing education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• prerequisite course information
• valid Test of Essential Academic Skills score (minimum score of 58.7% required for consideration)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants may be contacted to submit additional application materials, including a written statement and a recorded interview, depending on qualifications.

Applicants may be admitted to the program with additional assigned coursework. If a student is assigned any additional coursework by the academic unit upon admission, those courses must be completed with a grade of "B" (scale is 4.00 = "A") or higher before completing the graduate program's required coursework. Additional courses may include:

BIO 201 Human Anatomy and Physiology I and BIO 202 Human Anatomy and Physiology II
CDE 232 Human Development
CHM 101 Introductory Chemistry
HCR 240 Human Pathophysiology
MIC 205 Microbiology and MIC 206 Microbiology Laboratory
NTR 241 Human Nutrition
statistics (100-level or higher three credit hour course)

Applicants selected for admission must meet health and safety requirements, which include a passing disposition on a background clearance and satisfactory completion of a substance screen.

For additional details, interested applicants should access the application guide and nursing information session on the Edson College of Nursing and Health Innovation website (https://nursingandhealth.asu.edu/programs/ms/nursing-entry-nursing-practice-ms).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of this program have the knowledge and training that enable them to provide health care for patients in a wide variety of settings. Career examples include positions as intensive care nurses and registered nurses.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/ms/nursing-entry-nursing-practice-ms

msentry@asu.edu
602-496-0937

Nursing (Nursing Education), MS (NUNURSEDMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

The country is experiencing a shortage of nursing faculty. The Master of Science degree program, with a concentration in nursing education, prepares students to advance their career and achieve their goal of becoming a nurse educator in an academic or practice setting. This program prepares students to teach future nurses and nursing leaders. Program highlights include:

• academic and clinical assessment
• curricular design and evaluation
• curriculum and course development and delivery
• educational theory and research
• testing and evaluation, including evaluation methods

Coursework in the MS in nursing with a concentration in nursing education is delivered completely online, providing flexibility for students to balance their education and their career. Additionally, students complete a one-credit hour population health practicum in the location where the student lives.

Courses in this program are led by experienced nursing faculty and designed with active learning strategies. Throughout the program, students learn the key competencies of a prepared nurse at the master's degree level while they gain additional nursing education skills. Students complete direct care clinical hours and a role-focused applied practicum that enables students to work with a preceptor in an area or role best suited to their career goals.

The curriculum meets the competencies outlined by the American Association of Colleges of Nursing Essentials.

RN to MS in nursing (nursing education) option
Students who have an associate degree in nursing can consider pursuing ASU's online RN to MS in nursing with a concentration in nursing education pathway (https://asuonline.asu.edu/online-degree-programs/graduate/rn-msn-nursing-education/) option.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (NUR 593), or
39 credit hours including the required applied project course - RN to MS Bridge Program (NUR 593)

Required Core (3 credit hours)
NUR 501 Individual and Innovation Leadership in Health Care (3) or HCI 538 Innovation and the Individual (3)

Bridge Coursework (6 credit hours)
NUR 552 Dynamics of Professional Nursing I (3)
NUR 553 Dynamics of Professional Nursing II (3)

Concentration (12 credit hours)
NUR 670 Curriculum Development in Academic and Practice Settings (3)
NUR 671 Teaching in Academic and Practice Settings (3)
NUR 672 Design and Delivery of Mediated Instruction (3)

NUR 673 Producing and Evaluating Programs for Academic and Practice Settings (3)

Other Requirements (15 credit hours)
DNP 602 Evaluating Research for Practice (3)
NUR 502 Advanced Health Assessment and Health Promotion (2)
NUR 503 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion II (3)
NUR 509 Clinical Prevention and Population Health Practicum (1)
NUR 544 Theoretical Foundations for Nursing (3)
NUR 579 Role-focused Practicum: Nurse Educator (3)

Culminating Experience (3 credit hours)
NUR 593 Applied Project (3)

Additional Curriculum Information
Students in the RN to MS in nursing (nursing education) bridge program complete 39 credit hours for this degree. In addition to fulfilling the requirements listed above, these students must complete NUR 552 Dynamics of Professional Nursing I and NUR 553 Dynamics of Professional Nursing II before starting the MS curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned an associate, bachelor's or master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their associate degree nursing program or the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must be licensed as registered nurses.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• resume
• proof of completion of a statistics course with a "C" or better
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Completion of a statistics course with a "C" or better (scale is 4.00 = "A") should be evident on the applicant's transcripts, although applicants may still be admitted to the program with additional required coursework in statistics. Statistics is a required prerequisite for all MS in nursing programs.

Applicants applying to the RN to MS bridge option (those who will not have a bachelor's degree in nursing conferred before enrolling in the MS in nursing program) need to provide a transcript that shows at least 72 earned

undergraduate credit hours from a regionally accredited institution or equivalent to apply to the master's degree program.

An interview with faculty may be required for applicants who have a bachelor's degree in nursing or higher. Applicants to the RN to MS bridge option are required to interview with faculty.

Students who are admitted with an associate degree will be required to complete additional coursework in their plan of study.

Applicants must be able to verify U.S. citizenship or lawful immigration status. Applicants must live in or be able to come to an authorized state (https://admission.asu.edu/academics/authorizations) in the U.S. for any required clinical or practicum experiences.

Licensure requirements: Applicants for the MS in nursing and MS program in nursing with a concentration in nursing education must meet one of the following criteria:

• Applicants must hold a current unencumbered RN license in an authorized state (https://admission.asu.edu/academics/authorizations) in which they plan to do clinical practicums.
• Applicants who have recently graduated from a BSN program must provide proof of a valid U.S. RN license before beginning any courses in the second semester of the master's degree program.

Health and Safety Requirements: Students recommended for admission must meet health and safety requirements by established deadlines, including a passing disposition on a background clearance, satisfactory completion of a substance screen and other requirements as a condition of admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-nursing-education/) for program descriptions and to request more information.

Career opportunities

The master's degree program in nursing education prepares graduates for a variety of careers in which they can help educate the future nursing workforce. Job titles include:

charge nurse
chief nursing officer
clinical professor
director of nursing
faculty member
lead nurse
nurse educator
nursing supervisor

Graduates also are prepared for career advancement.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/

msnursing@asu.edu
602-496-0937

Nursing and Healthcare Innovation, PHD (NUNHIPHD)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The Doctor of Philosophy program in nursing and healthcare innovation provides an enriching academic environment that strongly fosters scholarship, critical thinking and interprofessional collaboration. This research-focused interdisciplinary doctoral degree is designed for individuals who wish to pursue and engage in careers as leaders in health science, health education and policy, and health innovation.

The program prepares scholars with the research skills they need to generate, apply and disseminate scientific knowledge while demonstrating the leadership skills necessary for influencing health processes, outcomes, policy and innovation.

Edson College of Nursing and Health Innovation offers this degree program in a traditional on-site delivery format and through an innovative, synchronous online delivery format that is coupled with occasional travel to campus. Doctoral faculty mentors who represent and value a diversity of backgrounds and intellectual perspectives are committed to providing a learner-centered, research-focused doctoral education.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (3 credit hours)
NUR 602 State of the Science in Nursing and Healthcare Innovation (3)

Electives or Research (39 credit hours)

Other Requirements (30 credit hours)
NUR 601 Scientific Role Development I: Engaging and Committing (1)
NUR 603 Social and Contextual Issues in Nursing and Healthcare (3) or NUR 610 Genomics and Population Health (3)
NUR 604 Philosophy of Science Perspectives in Nursing and Healthcare Innovation (3)
NUR 605 Theory Analysis (3)
NUR 606 Scientific Role Development II: Validating and Demonstrating (1)
NUR 607 Scientific Role Development III: Bridging (1)
NUR 608 Qualitative Research Design and Methods (3)
NUR 609 Quantitative Research Design and Methods (3)
NUR 617 Foundational Concepts in Science and Statistics (3) or DNP 679 Biostatistics: Principles of Statistical Inference (3)
NUR 618 Advancing Research-Based Health Policy Through Leadership and Innovation Science (3) or DNP 711

Healthcare Policy and Innovation (3)
NUR 671 Teaching in Academic and Practice Settings (3)
NUR 680 Topic: Research Practicum in Nursing and Health Innovation (3)

Culminating Experience (12 credit hours)
NUR 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives and research. From those elective and research hours, 12 credit hours are required in a substantive area of specialization and may be taken in any semester, based on availability and student interest. A total of 24 credit hours of coursework with a research focus are required, including 12 hours of dissertation credit.

Students are required to enroll in a minimum of nine credit hours per semester for years one and two of their plan of study. The plan of study can be as broad or as narrow as the student and the supervisory program committee deem necessary for the student's career goals. Students may choose from the following five substantive areas of study: aging, education, health care innovation leadership, healthy families or world health.

The program may incorporate courses from other disciplines to further refine substantive areas of study.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's or master's degree in nursing or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• current resume
• goal statement essay
• writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must show completion of a current inferential statistics prerequisite course.

GRE scores are recommended but not required. ASU does not accept the GRE® General Test at home edition.

Students are admitted once a year, to start in the fall semester.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to assume key positions in research, education and administration, with the goal of optimizing quality of life and health across diverse populations and settings.

Career examples include:

- academic faculty (e.g., professor)
- health care executive
- health educator
- health-focused scientist

Contact information

Edson College of Nursing and Health Innovation | HLTHN 206DC
https://nursingandhealth.asu.edu/programs/phd/nursing-and-healthcare-innovation-phd
phdnursing@asu.edu
602-496-0930

Nursing, MS (NUNURDTMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

The accelerated master's BSN/MS option is currently only available to ASU Online students.

Program description

The Master of Science program in nursing is ideal for nurses looking to gain advanced education and skills in the translation of concepts, practices and principles of leadership. The degree is designed for nurses who think about the future and are ready to take the next step in their career. Accredited by the Commission on Collegiate Nursing Education, this program emphasizes evidence-based practice, patient safety and health care quality, informatics and leadership.

Coursework is delivered completely online, providing students with the flexibility to focus on both their education and career goals. Additionally, a one-credit population health practicum is completed where the student lives. Throughout the program, students learn about leadership, innovative thinking and interprofessional team collaboration, and they advance their skills in leadership, research, evidence-based practice, evaluation, critical thinking, health care quality and patient safety.

Students complete direct care clinical hours and a role-focused applied practicum that allows them to work with a preceptor in an area or role best suited to their career goals.

RN to MS in nursing option
Students who have an associate degree in nursing can consider pursuing ASU's online RN to MS in nursing bridge (https://asuonline.asu.edu/online-degree-programs/graduate/master-science-nursing-bridge/) option.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Nursing, BSN

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (NUR 593), or
36 credit hours including the required applied project course (NUR 593) - RN to MS Bridge Program

Required Core (3 credit hours)
NUR 501 Individual and Innovation Leadership in Health Care (3) or HCI 538 Innovation and the Individual (3)

Other Requirements (24 credit hours)
DNP 602 Evaluating Research for Practice (3)
NUR 502 Advanced Health Assessment and Health Promotion (2)
NUR 503 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion II (3)
NUR 509 Clinical Prevention and Population Health Practicum (1)
NUR 521 Health Care Evidence, Informatics and Analysis (3)
NUR 529 Role-Focused Practicum: Patient Safety and Health Care Quality for the Nurse Leader (3)
NUR 544 Theoretical Foundations for Nursing (3)
NUR 547 Community, Global and Population Health (3)
NUR 548 Patient Safety, Health Care Quality and Informatics (3)

Culminating Experience (3 credit hours)
NUR 593 Applied Project (3)

Additional Curriculum Information
Students in the RN to MS in nursing bridge program complete 36 credit hours for this degree. In addition to fulfilling the requirements listed above, these students must complete NUR 552 Dynamics of Professional Nursing I (3) and NUR 553 Dynamics of Professional Nursing II (3) before starting the MS curriculum. Proof of statistics completion with a C or better is required (applicants may be admitted to the program with additional required coursework in statistics).

Statistics is a required prerequisite for all MS in nursing programs.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned an associate or bachelor's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in their associate degree nursing program or the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must be licensed as Registered Nurses and fulfill the admission requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• professional resume
• written statement
• proof of statistics completion with a C or better (applicants may be admitted to the program with additional required coursework in statistics)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Those applying only with an associate degree completed will need to provide a transcript that shows at least 72 earned undergraduate credit hours from a regionally accredited institution or equivalent, and students who are admitted with an associate degree will be required to complete additional coursework in their plan of study.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Students residing in the following states are not eligible for enrollment in this program due to state authorizations (https://admission.asu.edu/academics/authorizations): Louisiana, New York, Oregon, Rhode Island, Tennessee and Washington.

An interview with faculty may be required for applicants who have a minimum of a bachelor's degree or higher. Applicants who do not have a bachelor's degree are required to interview with faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-nursing/) for program descriptions and to request more information.

Career opportunities

With a master's in nursing, graduates are prepared for an advanced position or a leadership role in the field. Possible job titles after earning this degree include:

charge nurse
chief nursing officer
clinical educator
clinical nurse
director of nursing
lead nurse
nurse manager

nurse supervisor
nursing faculty

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/masters
msnursing@asu.edu
602-496-0937

Primary Care Pediatric Nurse Practitioner (Certificate), Certificate (NUPDNPGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The certificate program for the primary care pediatric nurse practitioner specialty is an advanced nursing practice program. It prepares students to provide holistic, client-centered primary care of infants, children, adolescents and young adults. The program is designed for board-certified nurses in a different advanced practice registered nurse specialty area who seek additional certification as a primary care pediatric nurse practitioner, and for doctorate-level nurses who seek to become a primary care pediatric nurse practitioner.

All programs are offered in a hybrid format requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include advanced pharmacology, advanced pathophysiology and advanced health assessment. Any deficiency courses determined by the student's gap analysis must have been completed within the previous five years to be eligible for credit.

Using best evidence, specialty courses focus on health promotion and the assessment and management of culturally appropriate plans of health care for well infants, children, adolescents and young adults, as well as those with minor, acute, and stable complex and chronic health disorders.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside of Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the doctoral program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, the faculty determine that a student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers practicum experiences (clinical rotations) in health profession shortage areas throughout the state, in both urban underserved and rural areas, which provide students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual State Authorization Reciprocity Agreement member states, in accordance with the council's established policies and standards. California is not a State Authorization Reciprocity Agreement member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions

for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

32 credit hours

Required Core (32 credit hours)
DNP 640 Advanced Human Pathophysiology Pediatrics (4)
DNP 641 Advanced Health Assessment Pediatrics (3)
DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
DNP 643 Developmentally Based Care of the Well Child (3)
DNP 644 Well Child Advanced Practicum (3)
DNP 645 Management of Common Problems in Pediatric Primary Care (3)
DNP 646 Management of Common Problems in Pediatric Primary Care Practicum (5)
DNP 647 Management of Complex and Chronic Health Problems in Pediatric Primary Care (3)
DNP 648 Management of Complex and Chronic Problems Pediatric Primary Care Practicum (5)

Additional Curriculum Information
Nurses who complete this certificate program meet the eligibility requirements to take a national pediatric nurse practitioner certification examination. In addition to completing didactic courses, students complete 13 credit hours (585 clock hours) of pediatric practicum experiences in a community setting.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

All students are required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to read "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) and then submit an admission essay. It should contain the following:

• description of career goals for the next five to 10 years and discussion about how an NP certificate from ASU will help them meet these goals
• description of how meeting one of the first seven essentials (from the prescribed reading noted above) will further their career goals

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and they must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. The primary care pediatric nurse practitioner role is well established in all urban and most rural areas of Arizona. Graduates are prepared to provide comprehensive health care for infants, children, adolescents and young adults. Careers include positions in:

clinical education and training of future health care providers
community health centers
fast-track emergency departments
outpatient primary and secondary health care clinics
specialty health care

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/
nursingandhealth@asu.edu
602-496-0937

Psychiatric Mental Health Nurse Practitioner (certificate), Certificate (NUPMNUPRCE)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The certificate program for the psychiatric mental health nurse practitioner specialty is an advanced nursing practice program. It prepares students to provide holistic, client-centered mental health care to individuals of all ages within traditional, nontraditional and culturally diverse families. It is designed for board-certified nurses in a different advanced practice registered nurse specialty area who seek additional certification as a psychiatric mental health nurse practitioner, and for doctorate-level nurses who seek to become a psychiatric mental health nurse practitioner. It emphasizes the assessment, diagnosis and evidence-based management of common and complex mental health disorders across the life span.

All programs are offered in a hybrid format requiring students to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Any deficiency courses determined by the student's unique gap analysis must have been completed in the past five years to be eligible for credit.

The program highlights valid and reliable tools for screening and identification of mental health disorders, as well as early interventions for these problems. Content for each disorder includes epidemiology, incidence, early signs and symptoms, differential diagnosis, and sociocultural variations in evidence-based management and treatment. Management includes psychopharmacologic and therapeutic skills building that are based in motivational interviewing, mindfulness, cognitive behavioral therapy and dialectical behavior therapy. Individual, group and family therapy techniques are emphasized.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside of Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the doctoral program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, the faculty determines that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers practicum experiences (clinical rotations) in health profession shortage areas throughout the state, in both urban underserved and rural areas, which provide students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, ASU is authorized to offer distance education to persons located in individual state authorization reciprocity agreement member states in accordance with the council's established policies and standards. California is not a state authorization reciprocity agreement member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

28 credit hours

This graduate certificate program (including 585 clinical hours) prepares nurses with a master's degree to become psychiatric mental health nurse practitioners.

Required prerequisites (or equivalent courses taken while in a master's degree program):

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)

Students have an individual review of their transcripts and an individualized plan of study designed to meet certification requirements. Depending on how many prerequisite courses are completed in the master's degree program, up to one year of additional study may be needed complete this specialty.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of a current unencumbered RN license in the state in which the student plans to do clinical practicums
• three professional letters of recommendation
• resume
• goal statement
• admission essay
• health and safety requirements: proof of passing disposition on a background clearance and satisfactory completion of a substance screen
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F-1 or J-1 visa need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants must be board certified in a different APRN specialty.

All applicants must have an interview with program faculty members before admission to the program.

It is preferred that applicants have at least one year of clinical experience working within the student's specialty population.

Admission examinations are not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the psychiatric mental health nurse practitioner certificate program have the knowledge and training to provide health care for patients across the life span in a wide variety of settings.

Career examples include:

- business owner
- community advocate
- nurse practitioner
- professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu
nursingandhealth@asu.edu
602-496-0937

Regulatory Science (Food Safety), MS (NURGSCFSMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

Program description

The Master of Science program in regulatory science with a concentration in food safety is an online program that covers contamination concerns and regulations throughout the food supply chain, from growing to distributing to selling. Courses analyze food safety regulations from local, state and federal agencies, including the U.S. Food and Drug Administration. Students also gain an understanding of the ethical and legal challenges of food safety and regulation.

Food safety regulation is a science focused on the safe handling, distribution, selling and preparation of food. This program covers key areas, including food safety inspections, hazard analysis, emergency response to contamination, and safe food practices. Students learn how to identify food safety issues through the use of videos and simulations and to write reports on their findings. Applied learning experiences directly relate to the type of food safety problems that most frequently occur in the preparation, storage and processing of food.

Edson College of Nursing and Health Innovation highly recommends, but does not require, a course in chemistry and biology before enrolling.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (HCR 593)

Required Core (18 credit hours)
HCR 553 Quality Assurance and Clinical Research (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 576 Drug Discovery, Development and Regulations (3)
HCR 577 Global Regulatory Affairs (3)
HCR 578 Legal Aspects of Clinical Research (3)

Concentration (12 credit hours)
HCR 543 Food Safety and Protection (3)
HCR 544 Assessing Food Safety and Developing Policy Procedures and Training (3)
HCR 550 Quality Assurance and Safety in Food and Dietary Supplements (3)
HCR 558 Technical Writing for the Regulatory Professional (3)

Culminating Experience (3 credit hours)
HCR 593 Applied Project (3)

Additional Curriculum Information
The culminating experience is an applied project course that includes a project based on a food topic studied during the degree program. Students choose a scientific, technical or regulatory project that includes a research protocol or professional presentation to industry professionals.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's or master's degree in science or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee

• official transcripts
• two letters of recommendation
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-food-science/) for program descriptions and to request more information.

Career opportunities

Graduates from the program are in high demand for a variety of jobs in food safety and regulatory science. In particular, they are prepared for local, state and federal regulatory careers in agencies such as the FDA, the U.S. Department of Agriculture, and state and county health departments, as well as food manufacturers.

Professionals in the food safety industry conduct site inspections, assess food safety hazards, develop preventive food safety procedures, create food safety policies and more, depending on the position. No matter the job, the goal in food safety and regulation positions is always to protect the consumer.

Regulatory science and food safety careers include:

environmental health specialist
facility manager
food inspector
food-safe chemical supplier
quality assurance manager
quality control manager
registered sanitarian
regulatory investigator

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.The program aligns with the content on the Certified Professional Food Manager certification exam from the National Environmental Health Association and helps prepare students to take the NEHA exam. To successfully acquire professional certifications and credentials, and to even be eligible to test for these, students may need prior work experience, additional coursework, fieldwork and background checks. Students should refer to the National Environmental Health Association (www.neha.org (http://www.neha.org)) for information.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/

regulatoryscience@asu.edu
602-496-0937

Regulatory Science, MS (NURSHSMS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

The Master of Science program in regulatory science is designed for students interested in protecting public health through the discovery, development and marketing of medical products to the consumer. In particular, this program focuses on maintaining compliance regulations for drugs and devices, with an emphasis on safety, quality and performance. Students are prepared for careers in the pharmaceutical, medical research and medical device industries.

While earning the MS in regulatory science, students delve into all aspects of regulatory affairs, including:

• clinical research
• drug and medical device development
• ethical and legal aspects
• global regulatory practices
• manufacturing
• regulatory submissions

The field of regulatory science focuses on the application of regulations throughout the life cycle of medical products and compliance with regulations in the development, approval and marketing of medical products. This advanced degree incorporates a transdisciplinary approach to meet the unique needs of regulating bodies and the industry.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (HCR 593)

Required Core (18 credit hours)
HCR 553 Quality Assurance and Clinical Research (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 576 Drug Discovery, Development and Regulations (3)
HCR 577 Global Regulatory Affairs (3)
HCR 578 Legal Aspects of Clinical Research (3)

Restricted Electives (12 credit hours)
HCR 552 Medical Device Development and Regulation (3)
HCR 555 Pharmaceutical Safety and Risk Management (3)
HCR 557 Clinical Research Design and Methods (3)
HCR 558 Technical Writing for the Regulatory Professional (3)
HCR 564 Global Regulatory Affairs Leadership (3)
HCR 568 Health Care Project Management (3)
HCR 575 Management and Negotiation of Clinical Trial Budgets and Contracts (3)
HCR 579 Translational Research in Drug Discovery and Development (3)

Culminating Experience (3 credit hours)
HCR 593 Applied Project (3)

Additional Curriculum Information
For electives coursework, students choose four courses for 12 credit hours from the restricted electives list. Other coursework may be substituted with approval from the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume or curriculum vitae
• two online recommendations
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The online references should be from professional colleagues, supervisors, professors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/regulatory-science-ms/) for program descriptions and to request more information.

Career opportunities

The field of regulatory affairs continues to grow as pharmaceutical and medical development advances. Companies are eager to hire regulatory science professionals into jobs such as:

compliance officer
FDA inspector
quality assurance specialist
quality control specialist

regulatory affairs specialist
regulatory coordinator
regulatory manager
regulatory scientist

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/masters
regulatoryscience@asu.edu
602-496-0937

Regulatory and Clinical Research Management, DPP (NURCRMDPP)

College/School: Edson College of Nursing and Health Innovation

Campus: Online

Program description

The Doctor of Professional Practice program in regulatory and clinical research management prepares global leaders to influence the medical and health care industry through the development of new medical products such as drugs, biologics, vaccines and devices to address the health needs of consumers.

An interdisciplinary curriculum weaves innovation, technology, bioinformatics, policy, leadership methods and strategies with regulatory and clinical research management to ensure that students meet industry workforce needs and are capable, high-functioning, innovative leaders. Core courses provide a strong foundation in leadership and communication; the regulations and development of medical products through the life cycle; quality control; application of ethics to animal and human research; pharmacology, drugs and society; biologics; and small molecules. Other topics include the principles and concepts of innovation, systems thinking in a complex environment, artificial intelligence and business. These core courses are balanced with offerings from other ASU colleges and departments, providing students with the knowledge base, skills and abilities to tackle practical health concerns and ethical dilemmas; navigate the global regulatory landscape; and contribute to the discovery medical products, procedures and diagnostics to advance health care.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours including the required applied project course (RCR 793)

Required Core (24 credit hours)
RCR 710 Leadership Communication in the Regulatory and Clinical Research Industry (3)
RCR 712 Leadership for Change in Regulatory and Clinical Research (3)
RCR 713 Quality Control and Assurance Through the Medical Product Cycle (3)
RCR 714 Ethical and Regulatory Aspects of Clinical Research (3)
RCR 715 Drugs and Society: Milestones in Drug Development (3)
RCR 716 Development and Manufacturing of Small Molecules (3)
RCR 717 Development and Regulation of Biologics (3)
RCR 718 Planning and Execution of Clinical Research (3)

Restricted Electives (18 credit hours)
BMD 502 Foundations of Biomedical Informatics Methods I (3)
BMD 667 Regulation of Medical Diagnostics (3)
BMI 601 Fundamentals of Health Informatics (3)
HCI 542 Systems Thinking in a Complex Environment (3)
HCI 548 Advanced Principles and Concepts of Innovation (3)

HCI 550 Health Care Policy and Innovation (3)
NUR 617 Foundational Concepts in Science and Statistics (3)

Electives (6 credit hours)
CIS 565 Artificial Intelligence in Business (3)
NUR 608 Qualitative Research Design and Methods (3)
NUR 609 Quantitative Research Design and Methods (3)
NUR 618 Advanced Research-based Health Policy Through Leadership and Innovation Science (3)

Culminating Experience (12 credit hours)
RCR 793 Applied Project (12)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a master's degree in regulatory science or clinical research management, or a similar degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Interested students must have a master's degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/doctor-regulatory-clinical-research-management/) for program descriptions and to request more information.

Career opportunities

The life sciences industries provide an array of career opportunities for professionals with doctorate degrees. Technological advances such as AI and machine learning may advance the development and approval of new products to market. Both regulatory and clinical research management personnel are an integral part of this process. Directors and managers in regulatory affairs manage the regulatory aspects of the product through all phases of development, approval and postapproval. Professionals in clinical trial management positions are responsible for the planning, oversight and execution of study and program-level deliverables, managing high-performing teams in a fast-paced environment.

Career opportunities include:

- clinical data manager
- clinical operations director or manager
- compliance officer or manager
- director or manager of quality control
- director or manager of quality management
- director or manager of postmarket quality
- program or project director manager

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/regulatory-and-clinical-research-management-dpp
dpp@asu.edu
602-496-0937
Admission deadlines (https://nursingandhealth.asu.edu)

Women's Health Nurse Practitioner (Certificate), Certificate (NUWHNPGRCT)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix

Program description

The certificate program for the women's health nurse practitioner specialty is an advanced nursing practice program. The program prepares graduates to provide holistic, client-centered primary care for women from adolescence through older adulthood. It is designed for board-certified nurses in a different advanced practice registered nurse specialty area who are seeking additional certification as a women's health nurse practitioner, or for doctorate-level nurses who are seeking to become a women's health nurse practitioner.

All programs are offered in a hybrid format; students are required to travel to an ASU campus for up to one week for orientation at the beginning of the program and two to three times per semester.

Core courses include pharmacology, advanced pathophysiology and advanced health assessment. Any deficiency courses determined by the student's unique gap analysis must have been completed in the past five years to be eligible for credit.

Specialty courses focus on the assessment, diagnosis and evidence-based management of common and complex gynecologic, sexual, reproductive, menopause-transition and postmenopause health care; uncomplicated and high-risk antepartum and postpartum care; and sexual and reproductive health care for men.

Courses emphasize research and theories to provide the context essential to advanced nursing practice focusing on health promotion, risk assessment and disease prevention for women across the life span, taking into account factors that influence health care and health outcomes.

Focused clinical experiences are arranged for students residing in Maricopa County, Arizona. Students should expect to

travel throughout Maricopa County and, in some cases, throughout Arizona to complete their assigned clinical placement.

Students residing outside Maricopa County are responsible for identifying the required number of clinical sites in their area of residence and for identifying preceptors and sites willing to accommodate clinical rotations. Edson College of Nursing and Health Innovation must approve these sites before students start any clinical experience; the doctoral program office does not guarantee a clinical placement site for any student outside Maricopa County. If, during the program, faculty determine that the student needs additional supervision for clinical progress in the program, the student must complete clinical experiences in the Phoenix area.

The program offers practicum experiences (clinical rotations) in health profession shortage areas throughout the state, in both urban underserved and rural areas, which provide students with multicultural experiences to enhance professional development.

As a participating National Council for State Authorization Reciprocity Agreements member, Arizona State University is authorized to offer distance education to persons located in individual SARA member states in accordance with the council's established policies and standards. California is not a SARA member, and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College of Nursing and Health Innovation; these are noted on the ASU state authorization (https://admission.asu.edu/academics/authorizations) website.

STEM-OPT extension eligible: No

Degree requirements

23 credit hours

Required Core (23 credit hours)
DNP 613 Women's Health Promotion I (3)
DNP 614 Women's Health Practicum I (3)
DNP 615 Management of Common Problems in Women's Health (3)
DNP 616 Advanced Women's Health Practicum II (5)
DNP 617 Management of Complex and Chronic Disease in Women (3)
DNP 618 Advanced Women's Health Practicum III (6)

Additional Curriculum Information
Nurses who complete this certificate meet the eligibility requirements to take the national women's health nurse practitioner certification examination. In addition to completing didactic courses, students complete 14 credit hours (630 clock hours) of practicum experiences in a community setting.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants must have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
• three professional letters of recommendation
• resume
• admission essay
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency, per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants must be board certified in a different APRN specialty.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to submit an admission essay that addresses their career goals for the next five to 10 years, describes how obtaining an NP certificate from ASU will help them meet these goals, and indicates how meeting one of the first seven essentials from "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) will further their career goals.

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and they must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates of the women's health nurse practitioner certificate program have the knowledge and training to provide health care for patients across the life span in a wide variety of settings. The broad base of comprehension and clinical expertise enables graduates to effectively participate and lead within clinical, community and academic arenas.

Career examples include:

business owner
community advocate
nurse practitioner

professor

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu
nursingandhealth@asu.edu
602-496-0937

Public Service and Community Solutions, Watts College of

Assessment of Integrative Health Modalities (certificate), Certificate (PPSWGGRCH)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

This program has a name change pending approval.

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

The graduate certificate program in assessment of integrative health modalities provides students with extensive knowledge of integrative health practices and with an experiential and didactic experience in which pioneering research is explored, advanced skills are developed and a mindfulness practice is nurtured.

To satisfy the culminating project requirement, students may more deeply explore a topic of interest by completing an individual research paper or by performing a community activity that demonstrates mastery and application of the advanced skills acquired while enrolled in the certificate program.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
SWG 655 Quality of Life, Mastering Mindfulness (3)
SWG 656 Treating the Whole Person (3)

Electives (9 credit hours)
SWG 575 Restorative Spaces and Therapeutic Communities: Ecological Care of Humans, Animals and the Earth (3)
SWG 579 Critical Response to Mitigate Stress (3)
SWG 657 Holistic Therapies for Modern Times (3)
SWG 661 Cognitive Behavioral Models and Interventions (3)
SWG 691 Topic: Expressive Arts Therapy (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have earned a bachelor's or master's degree in health or human services or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

In addition, applicants are required to submit to the School of Social Work:
• a resume
• a one- to two-page statement
• the School of Social Work application to the assessment of integrative health modalities certificate program

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa must apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

This certificate is open to professionals in social work, nursing or related health and human service professions from the community as well as to students currently admitted to a health and human services degree program at the master's or doctoral level.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/integrative-health-stress-management-mindfulness/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Integrate mindfulness into personal and professional lives
- Apply knowledge of human behavior in the social environment when working with individuals, families and groups

Career opportunities

Professionals with expertise in health, behavioral health and medical settings are in high demand across many disciplines and organizations, including:

- education
- medicine
- nonprofit and for-profit agencies
- social services

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPSWGGRCH/graduate/false/2
sswgradcerts@asu.edu
602-496-0800

Community Resources and Development (Nonprofits and NGOs), MS (PPCRDNPMS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Master of Science program in community resources and development with a concentration in nonprofits and nongovernmental organizations is a two-year program that prepares students to become a catalyst for change, empowering communities and enhancing lives through their expertise. Students in this program enhance their ability to think critically and creatively about challenges affecting communities and the organizations that serve them. They delve into essential topics in tourism, parks and recreation management, and sustainable community practices.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Parks, Recreation and Sport Management, BS

Tourism Development and Management, BS

Nonprofit Leadership and Management, BS

Nonprofit Leadership and Management (American Indian Studies), BS

Recreational Therapy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
36 credit hours including the required applied project course (CRD 593)

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Required Concentration (6 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 562 Social Entrepreneurship (3)

Elective or Research (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or applied project. Advising and direction for both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom will reside in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of professional and academic goals
• three letters of recommendation
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Only complete application files are reviewed or considered for admission. Students without undergraduate academic work in related disciplines are required to take six credit hours of coursework in addition to the master's degree requirements. The additional assigned coursework may be taken in conjunction with master's degree-level classes.

Applicants interested in financial aid need to submit their applications by February 1 for fall semester admission and October 1 for spring semester admission. Applications are accepted on a rolling basis.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze critical topics and issues pertinent to nonprofit leadership and management, such as creative problem-solving, strategic planning and volunteer management.
- Relate their individual strengths to demonstrate knowledge of research methods and data analysis within the context of nonprofit organizations.
- Apply the principles and practices of community development to address the social, economic, environmental and cultural challenges of diverse communities.

Career opportunities

This degree program builds expertise in nonprofit leadership and management and prepares graduates for careers in:

- charitable associations
- foundations
- governmental agencies
- nonprofit organizations
- private-sector businesses

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/
scrd@asu.edu
602-496-0550

Community Resources and Development (Parks and Recreation Management), MS (PPCRDPRMS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Master of Science program in community resources and development with a concentration in parks and recreation management is a two-year, research-oriented master's degree program. Students master essential skills in community services management, sustainability and critical issue analysis. Through research-oriented learning, students engage in in-depth analysis of vital topics affecting tourism, parks, nonprofits and sustainable communities. They receive personalized guidance from dedicated faculty mentors as they tackle challenges in community solution analysis.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Parks, Recreation and Sport Management, BS

Community Sports Management, BS

Community Sports Management (Events), BS

Tourism Development and Management, BS

Nonprofit Leadership and Management, BS

Recreational Therapy, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
36 credit hours including the required applied project course (CRD 593)

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 570 Sustainable Tourism (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or applied project. Advising and direction for both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project option is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of professional and academic goals
• three letters of recommendation
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants are required to submit TOEFL or IELTS scores and a financial guarantee statement.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of additional coursework in addition to the master's degree requirements. The additional assigned coursework may be taken in conjunction with master's degree-level classes.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct research in tourism while analyzing critical topics and issues pertinent to parks and recreation management.
- Relate their individual strengths to demonstrate knowledge of research methods and data analysis within the context of parks and recreation.
- Apply the principles and practices of community development to address the social, economic, environmental and cultural challenges of diverse communities.

Career opportunities

Graduates are prepared for careers in governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include:

- community services officers
- nonprofit and nongovernmental organization officers
- parks and recreation officers
- tourism officers

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs

scrd@asu.edu
602-496-0550

Community Resources and Development (Sustainable Communities), MS (PPCRDSCMS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Master of Science program in community resources and development with a concentration in sustainable communities is a two year program where students enhance their leadership abilities while learning to foster thriving communities through strategic problem-solving. The research-oriented curriculum explores critical topics in tourism, parks and recreation management, and nonprofit organizations, all through the lens of sustainability. Students work closely with faculty mentors who guide them in analyzing and addressing complex community challenges, considering all relevant regulatory and policy factors.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Parks, Recreation and Sport Management, BS

Community Sports Management, BS

Community Sports Management (Events), BS

Tourism Development and Management, BS

Nonprofit Leadership and Management, BS

Tourism Development and Management (Sustainable Tourism), BS

Tourism Development and Management (Meetings and Events), BS

Tourism Development and Management (Resort and Hotel Leadership), BS

Recreational Therapy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
36 credit hours including the required applied project course (CRD 593)

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)

CRD 610 Sustainable Communities (3)
NLM 562 Social Entrepreneurship (3) or
NLM 572 Community and Social Innovations (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or applied project. Advising and direction for both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of professional and academic goals
• three letters of recommendation
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic

work in related disciplines are required to take six credit hours of coursework in addition to the master's degree requirements. The additional assigned coursework may be taken in conjunction with master's degree classes.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze critical topics and issues pertinent to sustainable communities, such as creative problem-solving, strategic planning and volunteer management.
- Relate their individual strengths to demonstrate knowledge of research methods and data analysis within the context of sustainable communities.
- Apply the principles and practices of community development to address the social, economic, environmental and cultural challenges of diverse communities.

Career opportunities

This degree program prepares graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include these positions:

- community services officer
- nonprofit and nongovernmental organization officer
- parks and recreation officer
- tourism officer

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrd@asu.edu
602-496-0550

Community Resources and Development (Tourism), MS (PPCRDTMMS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, ASU at Hainan

Program description

The Master of Science program in community resources and development with a concentration in tourism is a two-year program that explores the many facets of tourism and its impact on communities. Students delve into critical topics in tourism, parks and recreation management, and sustainable community practices. They learn to reinvent tourism strategies through community solutions analysis, guided by faculty mentors who help them navigate regulatory, policy and relational factors.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Parks, Recreation and Sport Management, BS

Community Sports Management, BS

Community Sports Management (Events), BS

Tourism Development and Management, BS

Nonprofit Leadership and Management, BS

Tourism Development and Management (Sustainable Tourism), BS

Tourism Development and Management (Meetings and Events), BS

Tourism Development and Management (Resort and Hotel Leadership), BS

Recreational Therapy, BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
36 credit hours including the required applied project course (CRD 593)

Required Core (15 credit hours)
CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 570 Sustainable Tourism (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of professional and academic goals
• three letters of recommendation
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of additional coursework in addition to the master's degree requirements. The additional assigned coursework may be taken in conjunction with master's degree classes.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct research in tourism while analyzing critical topics and issues pertinent to tourism development and management.
- Relate their individual strengths to demonstrate knowledge of research methods and data analysis within the context of tourism sectors.
- Apply the principles and practices of community development to address the social, economic, environmental and cultural challenges of diverse communities.

Career opportunities

Graduates are prepared for a career that changes daily, positioning themselves for leadership roles in the tourism sector. They often go into careers in governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include:

- community services officers
- nonprofit and nongovernmental organization officers
- parks and recreation officers

- tourism officers

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrd@asu.edu
602-496-0550

Community Resources and Development, MS (PPRECDTMS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Master of Science program in community resources and development is a two year program where students explore critical topics in tourism, parks and recreation management, nonprofits and sustainable communities. Students tailor their learning experience by choosing between a thesis and a practicum professional option. Experienced instructors dedicated to fostering students' growth and understanding in community resources engage students in practical experiences that prepare them for diverse fields of work.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Parks, Recreation and Sport Management, BS

Community Sports Management, BS

Community Sports Management (Events), BS

Tourism Development and Management, BS

Nonprofit Leadership and Management, BS

Nonprofit Leadership and Management (American Indian Studies), BS

Tourism Development and Management (Sustainable Tourism), BS

Tourism Development and Management (Meetings and Events), BS

Tourism Development and Management (Resort and Hotel Leadership), BS

Recreational Therapy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours and a thesis, or
36 credit hours including the required applied project course (CRD 593)

Required Core (15 credit hours)
CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)
CRD 530 Community Services Management (3) or advanced inquiry course (3)
CRD 552 Critical Issues (3)
CRD 555 Theoretical Perspectives in Community Development (3)

Electives (9 or 15 credit hours)

Culminating Experience (6 credit hours)
CRD 593 Applied Project (6) or
CRD 599 Thesis (6)

Additional Curriculum Information
Students may select a thesis or applied project. The thesis option is a research-oriented program recommended for students planning to continue graduate studies beyond the master's degree. The applied project option is intended for students seeking additional knowledge and expertise relevant to professional career development. Advising and direction for both options are under the direct supervision of an assigned faculty member.

Students in the applied project option take CRD 530 as part of their core coursework and 15 credit hours of electives.

Students in the thesis option take an advanced inquiry course as part of their core coursework and nine credit hours of electives. The thesis must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of professional and academic goals
• three letters of recommendation
• current resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants are required to submit TOEFL (taken in a testing center) or IELTS scores and a financial guarantee statement.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of coursework in addition to the master's degree requirements. The additional assigned coursework may be taken in conjunction with master's degree classes.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct research in tourism while analyzing critical topics and issues pertinent to tourism development and management.
- Relate their individual strengths to demonstrate knowledge of research methods and data analysis within the context of tourism sectors.
- Apply the principles and practices of community development to address the social, economic, environmental and cultural challenges of diverse communities.

Career opportunities

Career opportunities after graduation include these positions:

- community services officer
- nonprofit and nongovernmental organization officer
- parks and recreation officer
- tourism officer

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrd@asu.edu
602-496-0550

Community Resources and Development, PHD (PPCRDPHD)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Doctor of Philosophy program in community resources and development offers students the opportunity to dive deep into sustainable and healthy community building, exploring critical areas such as community studies, nonprofit leadership, parks and recreation, and tourism development. Students collaborate with a diverse group of faculty members across various ASU departments, enhancing their understanding and impact on community dynamics. They gain a comprehensive knowledge base through rigorous theoretical and methodological training. Through fieldwork opportunities, students apply their learning in practical contexts, preparing them to educate the next generation of community developers.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (24 credit hours)
CRD 502 Statistical and Data Analysis (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 610 Sustainable Communities (3)
CRD 620 Community Research Methods (3)
CRD 640 Research Seminar in Community Resources and Development I (3)
CRD 650 Research Seminar II (3)
CRD 683 Fieldwork (3)
advanced statistics or methods (3)

Electives or Research (48 credit hours)

Culminating Experience (12 credit hours)
CRD 799 Dissertation (12)

Additional Curricular Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

All students are advised as a cohort initially by the doctoral program director. Students are required to take 24 credit hours of core coursework, 15 hours of which are with the cohort during the first year and six hours of which are with the cohort during the second year. Students are assigned an individual advisor or mentor at the end of the first year of study. A supervisory committee is also formed at the end of the first year which reflects the interests of the student and faculty.

This is a four year program. Each student develops a plan of study in consultation with the doctoral program coordinator, advisor and supervisory committee. Students complete elective coursework, including courses from contributing disciplines, selected in consultation with their advisor to foster the transdisciplinary nature of the degree program. Students also complete at least six credit hours of CRD 792 Research and 12 credit hours of CRD 799 Dissertation. When the majority of coursework has been completed and before dissertation research is started, students must complete a written examination followed by an oral examination. These examinations must be completed within five years of admission.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have earned a master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• cover letter
• current and professional resume

• research statement
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement. The minimum TOEFL iBT requirement is 80. The minimum IELTS requirement is an overall band score of 6.5 (no individual band below a 6.0). The TOEFL or IELTS must have been taken within the last two years.

The research statement should be in sufficient detail to indicate compatibility with the educational objectives and capabilities of the doctoral program (about three pages, single spaced). Applicants need to explain their research interests and indicate the faculty member with whom they would like to work. Students should review faculty profiles (https://scrd.asu.edu/content/school-directory?sort-by=last_name_asc) to learn their research expertise. All students are strongly encouraged to contact the faculty member with whom they wish to work with before applying. Finalists participate in an interview via Zoom. This video is shared with a faculty committee. Students should also contact faculty members with similar interests to discuss their fit with the program. Successful statements should make it clear why the applicants have chosen to do a doctorate in community resources and development and how this program will fulfill their career goals.

The recommendation letters may be a mix of academic and professional references, but each must address the applicant's capacity to successfully complete the doctoral program.

Students applying to the program are expected to have a master's degree from an accredited institution, which included a master's degree-level research methods and statistics class or classes. If additional community resource and development-related coursework at the master's degree level is needed, appropriate classes are suggested.

The doctorate in community resources and development is designed as a full-time, research-intensive program. Students are admitted once a year as a cohort and are generally expected to complete the degree in three to four years. A small number of part-time students on a longer completion time frame may be admitted when space is available. The school does not provide funding for part-time students.

Applications are reviewed by the admission committee and recommendations for admission are then made by the graduate program director to the dean of the Graduate College.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct research that contributes to community development with regard to parks, recreation, tourism, nonprofit management and community studies.
- Develop proficiency in integrating knowledge in their primary area of study related to community resources and development.
- Execute a comprehensive and original research project, resulting in a high-quality dissertation that demonstrates their ability to contribute significantly to their own fields such as tourism, parks and recreation, sustainable communities, or nonprofit organizations and NGOs.

Career opportunities

Graduates are prepared for research-oriented careers in higher education, governmental agencies, nonprofit organizations and private-sector businesses. Career opportunities include university professor, think tank researcher, independent scholar, consultant, foundation officer, government officer and corporate social responsibility officer.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrd@asu.edu
602-496-0550

Corrections Leadership and Management (Certificate), Certificate (PPCMGGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The graduate certificate program in corrections management gives students already holding a bachelor's degree a solid foundational understanding of correctional administration, leadership and policy analysis.

The curriculum provides coursework in criminal justice organizations, corrections and community supervision, and institutional management, and in cross-disciplines such as public administration.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
CRJ 514 Seminar in Corrections (3)

CRJ 516 Seminar in Criminal Justice Organization and Management (3)

CRJ 529 Community Corrections (3)

Electives (6 credit hours)

Additional Curricular Information
For electives, students should see the academic unit for the approved course list. A culminating experience is not required for this program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application
• official transcripts
• written statement of career and educational goals
• proof of English proficiency

Students not admitted to a graduate degree-granting program at ASU (nondegree-seeking students) also must submit two letters of recommendation and a current resume.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students from related fields, such as public policy, political science, psychology and sociology, as well as students with other social science degrees, might be interested in this program; however, all eligible students are considered. Most students come from the aforementioned degree fields, although no specific undergraduate degree major is required for admission, and the school accepts applicants from all educational backgrounds.

Admission examinations are not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-corrections-management/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply management and organizational theories to issues in contemporary correctional practice.
- Assess the effectiveness of community corrections programs and interventions and their role in promoting evidence-based supervision strategies.

Career opportunities

Graduates of the corrections leadership and management graduate certificate program find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in criminal justice agencies (federal, state and local) such as the National Institute of Corrections, the Federal Bureau of Prisons and corrections departments.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu

IDPAdvising@asu.edu
602-496-1019

Crime Analysis (Certificate), Certificate (PPCRMAGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The graduate certificate program in crime analysis is focused on crime analysis as a field applicable to all levels of government --- federal, state and local --- and to positions in private sector organizations with functional and operational activities related to crime analysis.

Students study topics relating to the current principles of crime analysis, crime mapping and statistical tools in crime analysis.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
CRJ 506 Seminar in Crime Analysis (3)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 512 Seminar in Policing (3)
CRJ 531 Crime Mapping (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology, criminal justice, homeland security, counterterrorism or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/crime-analysis/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the essential qualifications for employment in crime analysis and related occupations by critically applying theories of crime and place in relation to the whole of criminological theory to particular challenges in policing or related fields.
- Produce valid and reliable crime analysis information of utility to policymakers and practitioners.

Career opportunities

Graduates of this program are prepared to implement and maintain public and national safety at the local, state and federal levels. They should expect to find employment within government agencies such as:

- adult and juvenile probation departments
- corrections agencies
- courts of law
- Department of Homeland Security, which comprises several agencies, including the United States Secret Service, the U.S. Coast Guard and U.S. Customs and Border Protection
- local law enforcement
- prosecutor's offices

Some crime analysts also work for private organizations that deal with emergency response and information technology.

Careers in crime analysis may fall under the forensic science technicians category, a field projected to grow 14% between 2023 and 2033, much faster than the average for all occupations, with a median salary of $64,940 per year (Bureau of Labor Statistics, 2024). Careers for graduates also may fall under the category of police and detectives, a field expected to increase 4% through 2033, with a median salary of $74,910 (Bureau of Labor Statistics, 2024).

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
idpadvising@asu.edu
602-496-1019

Crime Analysis, MS (PPCRIMANMS)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Science program in crime analysis is focused on crime analysis as a field, applicable to all levels of government --- federal, state and local --- and to positions in private sector organizations with functional and operational activities related to crime analysis.

Students study topics relating to the current principles of crime analysis, crime mapping and advanced statistical tools in crime analysis.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Criminology and Criminal Justice, BS

Criminology and Criminal Justice (Policing), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (CRJ 593)

Required Core (24 credit hours)
CRJ 506 Seminar in Crime Analysis (3)
CRJ 507 Social Network Analysis (3)
CRJ 508 Advanced Seminar in Crime Analysis (3)
CRJ 509 Data Management (3)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 512 Seminar in Policing (3)
CRJ 531 Crime Mapping (3)

Culminating Experience (6 credit hours)
CRJ 593 Applied Project (6)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology and criminal justice or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or they must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students with an undergraduate GPA under 3.00 may be permitted to enroll in up to 12 credit hours on a probationary basis. Those who maintain a GPA of 3.00 or higher are considered for regular admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-crime-analysis/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the essential qualifications for employment in crime analysis and related occupations by critically applying theories of crime and place in relation to the whole of criminological theory.
- Use the fundamental methods and technologies required to produce valid and reliable crime analysis information of utility to policymakers and practitioners.
- Communicate the results of crime analysis orally and in writing.

Career opportunities

Graduates of this program should expect to find employment within government agencies, such as local law enforcement; the Department of Homeland Security, which comprises several agencies, including the Secret Service, Coast Guard, and Customs and Border Protection; adult and juvenile probation; the courts; corrections agencies and prosecutor's offices. Personnel in this field work at the local, state or federal level to implement and maintain public and national safety. Some crime analysts also work for private organizations that deal with emergency response, law enforcement and information technology. There is also a growing demand for crime analysts in Latin America and the Caribbean in particular, with nations seeking platforms for educating and training future and current crime analysts.

Job titles for this career path include:

- crime data analyst
- criminal information analyst
- head of crime analysis
- intelligence analyst
- investigative analyst
- police crime analyst
- strategic data analyst

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu

idpadvising@asu.edu
602-496-0915

Criminal Justice, DCJ (PPCRIMJDCJ)

College/School: Watts College of Public Service & Community Solut

Campus: ASU Sync

Program description

The Doctor of Criminal Justice program is a professional doctoral degree designed for mid- to senior-level practitioners that aspire to be experts who combine practical and academic knowledge in their field in ways that equip them to solve complex criminal justice issues.

The DCJ program provides students with state-of-the-art, interdisciplinary education on crime and justice issues. Students take a core of required courses on criminological and organizational theory; criminal justice policies, practices and outcomes; inequality in criminal justice; and research methodology and statistics. Students also choose from various electives on topics such as critical legal issues, contemporary policy issues, and teaching in criminology. The program produces graduates who are skilled criminology and criminal justice researchers prepared to meet the needs of innovative criminal justice agencies.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

60 credit hours and the required applied project course (CRJ 793)

Required Core (18 credit hours)
CRJ 701 Applied Criminal Justice Policy Analysis: Past to Present (3)
CRJ 702 Applying Criminology and Criminal Justice Theory to Policy and Practice (3)
CRJ 703 Applied Criminal Justice Research Methods and Program Evaluation (3)
CRJ 704 Applied Data Analysis and Interpretation (3)
CRJ 705 Advanced Topics in Crime, Criminal Justice and Inequality (3)
CRJ 706 Organization, Management and Transformational Leadership in Criminal Justice (3)

Restricted Electives (18 credit hours)
CRJ 711 Legal Issues in Criminal Justice (3)
CRJ 712 Teaching Criminology and Criminal Justice (3)
CRJ 720 Topics in Methods and Statistics (3)
CRJ 730 Contemporary Policy Issues in Criminal Justice Systems (6)
CRJ 790 Reading and Conference (3)

Electives or Research (18 credit hours)

Research (3 credit hours)
CRJ 792 Research (3)

Culminating Experience (3 credit hours)
CRJ 793 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminal justice, criminology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• personal statement
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are required to submit a personal statement on how the DCJ program will help them attain their career goals and why their research and policy interests align with those of the School of Criminology and Criminal Justice. The personal statement should not exceed five pages.

The letters of recommendation must be from faculty members or others qualified to evaluate the applicant's academic potential for a professional doctoral program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The DCJ program provides a pathway to career opportunities in criminal justice agencies and academic institutions as well as nonprofit, advocacy and research organizations working in the crime and justice space. Graduates can pursue senior leadership opportunities in these areas:

- career-track or non-tenure track faculty positions at colleges and universities
- corrections
- court agencies
- law enforcement
- tenure-track faculty positions in community and junior colleges

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
gradsccj@asu.edu
602-496-2356
Admission deadlines (Page will be created upon program approval at https://ccj.asu.edu/)

Criminal Justice, MA (PPCRIMJMA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Arts program in criminal justice is designed to provide criminal justice agency professionals with training in research methods and statistics.

Coursework covers topics of criminology and the operation of the criminal justice system. The degree program also provides students with advanced training in program planning and management, policy analysis and program evaluation.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Criminology and Criminal Justice, BS

Criminology and Criminal Justice (Policing), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required capstone course (CRJ 505)

Required Core (12 credit hours)
CRJ 501 Seminar in Criminal Justice (3)
CRJ 502 Seminar in Criminology (3)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)
CRJ 505 Theory and Practice in Criminal Justice (3)

Additional Curriculum Information
Students can develop specializations in areas such as policing, corrections and management by combining required and elective coursework.

Students should see the academic unit for an approved elective course list. Electives must be at the 500 level.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• a written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be at least one page and describe the applicant's educational and career goals and long-term professional development strategy.

Students should see the academic unit website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-criminal-justice/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the essential qualifications for employment in criminal justice agencies and related fields by applying their foundational knowledge of criminology theory and criminal justice policy to a final written project.
- Critically appraise theoretical perspectives on causes of crime, policy responses to crime problems, and the operation of the criminal justice system.
- Use appropriate methodological and statistical techniques to generate research products useful for addressing criminal justice problems.

Career opportunities

The MA program in criminology and criminal justice is designed to help graduates advance their career in criminal justice.

Graduates find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in criminal justice agencies at federal, state and local levels, such as:

- city, county and state government liaison to criminal justice agencies
- communications supervisor (911 and dispatch)
- court administrator
- evidence and crime scene supervisor (CSI activities)
- intelligence analyzer
- law enforcement professional
- police crime analysis supervisor
- pretrial release specialist
- probation, parole or community supervisor
- property management and evidence retention supervisor
- risk manager
- veterans services specialist

Opportunities also include supervisory and management positions in social service agencies, such as:

- child and family services (e.g., Head Start, child support enforcement, foster care, elder care)
- Department of Economic Security
- homeless outreach

Graduates also have the opportunity to work in supervisory and management positions in the private sector, including online security, as well as in the cybersecurity sector.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/content/criminal-justice-ma
idpadvising@asu.edu
602-496-0485

Criminal Sentencing and Sentencing Advocacy (Certificate), Certificate (PPCSAGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024 and No. 2 for best graduate criminology and criminal justice programs by U.S. News & World Report, 2023.

The certificate program in criminal sentencing and sentencing advocacy assumes that for any professional to function effectively, they must have a fundamental knowledge of the respective roles that sentencing professionals play during various phases of the criminal justice process.

In keeping with this viewpoint, all students are required to take courses for practice as both a presentence investigator and a sentencing advocate. Those courses are seminars in courts and sentencing, in presentence investigations, and in alternatives to penal sanctions. After taking these required courses, students select an area of specialization to further their expertise as a probation professional, sentencing advocate, mitigation specialist or victim advocate. They take these courses from a range of electives available in the School of Criminology and Criminal Justice and in the School of Social Work.

This interprofessional certificate program also provides participants with content on the relationship between mental disorders and crime, and the way in which differential sentencing frameworks affect the sentencing of offenders suffering from mental disorders.

This program is highly recommended for social workers, forensic psychologists and other criminal justice professionals seeking specialized expertise as a sentencing professional responsible for making sentencing recommendations addressing relevant offender risks and needs, victim impacts, treatment alternatives to incarceration, community safety and other relevant sentencing considerations.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
CRJ 513 Seminar in Courts and Sentencing (3)
SWG 528 Presentence Investigations (3)
SWG 529 Alternatives Penal Sanctions (3)

Electives (6 credit hours)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in social work, criminology, criminal justice or a related field, or if they are currently enrolled in the master of criminal justice program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

This program does not require admission examinations.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-criminal-sentencing-and-sentencing-advocacy/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply professional evidence-based interventions when working with offenders in the criminal justice system.
- Demonstrate ability to write a Presentence Report from information provided, including police reports, victim statements and interested parties.

Career opportunities

Social workers, criminal justice professionals and recent graduates of psychology and other social and behavioral sciences programs perform a number of roles in the disposition and sentencing of public offenders. They also provide support for victims of crime during the criminal justice process.

Career examples include:

- mitigation specialist
- presentence investigator
- probation professional
- sentencing advocate
- victim advocate

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPCSAGRCT/graduate/false/2
sswgradcerts@asu.edu
602-496-0800

Criminology and Criminal Justice, MS (PPCRJMS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 2 for best graduate criminology and criminal justice programs by U.S. News & World Report, 2023.

The Master of Science program in criminology and criminal justice at ASU's Downtown Phoenix campus is a research degree program designed to provide students with a high level of theoretical and empirical knowledge about crime and criminal justice.

The program provides students with advanced research skills and training in program planning and management and in policy and statistical analysis.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Public Policy, MPP

Public Administration, MPA

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Criminology and Criminal Justice, BS

Criminology and Criminal Justice (Policing), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours and a thesis, or
33 credit hours including the required capstone course (CRJ 505)

Required Core (12 credit hours)
CRJ 501 Seminar in Criminal Justice (3)
CRJ 502 Seminar in Criminology (3)
CRJ 503 Research Methods (3)
CRJ 504 Statistical Tools for Criminology and Criminal Justice (3)

Systems Courses (3 credit hours)
CRJ 512 Seminar in Policing (3)
CRJ 513 Seminar in Courts and Sentencing (3)
CRJ 514 Seminar in Corrections (3)
CRJ 517 Seminar on Juvenile Delinquency and Juvenile Justice (3)
CRJ 519 Seminar on Victimization (3)
CRJ 529 Community Corrections (3)
CRJ 539 Seminar in White Collar Crime (3)

Inequalities Courses (3 credit hours)
CRJ 515 Seminar in Women and Crime (3)
CRJ 518 Seminar on Race/Ethnicity and Justice (3)
CRJ 539 Topics in Law, Crime and Justice (3)

Electives (6 or 12 credit hours)

Other Requirement (0 or 3 credit hours)
CRJ 604 Regression Models (3)

Culminating Experience (3 or 6 credit hours)
CRJ 505 Theory and Practice in Criminal Justice (3) or
CRJ 599 Thesis (6)

Additional Curriculum Information

For students in the capstone track, we strongly recommend taking CRJ 510 as one of the electives, as available. Students select two of the three systems courses listed above.

For the culminating experience, students choose either the thesis option or the capstone course. CRJ 604 Regression Models is only required for the thesis option. To satisfy the thesis requirements for the degree, candidates must write a thesis and defend it in an oral examination conducted by the student's thesis committee. Students in the capstone option are not required to take CRJ 604.

Each student's program is designed in consultation with the faculty advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should address the applicant's prior education and professional experience, discuss their career goals, and explain how the degree can help them achieve these goals.

Applicants should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply theory and empirical knowledge about crime and the criminal justice system.

- Use the fundamental methodological and statistical techniques required to produce valid and reliable information of utility to policymakers and practitioners.
- Demonstrate the essential qualifications for employment in criminal justice agencies and related occupations by applying their research skills and foundational knowledge of criminology and criminal justice to a final written project.

Career opportunities

Graduates of the MS program in criminology and criminal justice find a strong job market in the public and private sectors. They are prepared for careers as criminal justice researchers, for leadership roles in criminal justice and related agencies and organizations, and for continued study in doctoral programs in criminology and criminal justice. Employment opportunities include supervisory and management positions in criminal justice agencies at federal, state and local levels, such as:

- city, county, and state government liaison to criminal justice agencies
- communications supervisor (911 and dispatch)
- court administrator
- evidence and crime scene supervisor (CSI activities)
- law enforcement professional
- police crime analysis supervisor
- pretrial release specialist
- probation, parole or community supervisor
- property management and evidence retention supervisor
- risk manager

Opportunities also include supervisory and management positions in social service agencies, such as:

- child and family services (e.g., Head Start, child support enforcement, foster care, elder care)
- Department of Economic Security
- homeless outreach
- victim advocacy

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
gradsccj@asu.edu
602-496-2356

Criminology and Criminal Justice, PHD (PPCRJPHD)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The School of Criminology and Criminal Justice at Arizona State University offers an on-campus program of coursework and research leading to the Doctor of Philosophy in criminology and criminal justice.

This program emphasizes criminal justice theory, research and policy, and is designed to produce highly skilled criminology and criminal justice faculty and agency researchers and administrators.

The doctoral program is organized around a core of required courses in research methods, analytic techniques, criminological theory, and policies and practices in the criminal justice system. The program offers distinctive elective courses in criminology, criminal justice and related fields. To complete the program, students complete both a comprehensive examination and a doctoral dissertation.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (12 credit hours)
CRJ 601 Seminar on Criminological Theory (3)
CRJ 602 Seminar on Criminal Justice Policies and Practices (3)

CRJ 603 Advanced Research Design (3)
CRJ 604 Regression Models (3)

Professional Development Coursework (3 credit hours)

CRJ 617 Professional Development in Criminology and Criminal Justice (3)

Theory or Systems Elective Coursework (3 credit hours)
CRJ 606 Advanced Topics in Theoretical Criminology (3)

CRJ 607 Advanced Topics in Policing (3)
CRJ 608 Advanced Topics in Courts and Sentencing (3)

CRJ 609 Advanced Topics in Corrections (3)
CRJ 610 Advanced Topics in Juvenile Justice (3)
CRJ 611 Advanced Topics in Crime and Victimization (3)
CRJ 612 Advanced Topics in Race, Gender, and the Criminal Justice System (3)

Research Methods or Statistics Elective Coursework (3 credit hours)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 531 Crime Mapping (3)
CRJ 540 Qualitative Methods (3)
CRJ 560 Topics in Research Methods (3)

CRJ 605 Topics in Quantitative Methods (3)

Electives (51 credit hours)

Culminating Experience (12 credit hours)
CRJ 799 Dissertation (12)

Additional Curriculum Information

Doctoral students may also ask the Director of the PhD Program to review (and approve) a statistics or research methods class offered at the graduate level by another in-person graduate program at ASU in the social sciences.

Credits from Master¿s Degree (30 Credits)
A maximum of 30 credit hours of coursework from a previously awarded master's degree or JD may, with approval of the Director of the PhD Program and the Graduate College, be applied toward the doctoral plan of study.

For all students earning a doctorate, they should expect to complete at least 54 credits in the doctoral program above-and-beyond what they complete for their Master¿s degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants often hold a master's degree from an accredited institution; it may be in criminal justice, criminology or another field (e.g., sociology, political science, history, social work, public administration, psychology or philosophy). The program also allows for direct admission into the doctoral program for highly qualified students with only a bachelor's degree; these students earn their master's degree along the way to completing their doctoral degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• current curriculum vitae or resume
• personal statement
• sample of the applicant's written work
• proof of English proficiency.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Official transcripts must be submitted from every university or institution from which a degree was awarded.

The letters of recommendation must be from faculty members or others qualified to evaluate the applicant's academic potential for doctoral study.

The personal statement should not exceed five pages, and it should describe the applicant's prior education, relevant professional experience and career goals. The statement must explain how the doctorate in criminology and criminal justice will help the applicant attain their goals. The statement should explicitly explain how the student's plans are consistent with the role and mission of the School of Criminology and Criminal Justice at ASU.

The applicant's sample of written work should be submitted electronically. The writing sample may be an article (published or unpublished), a research paper or any other extended sample of expository skill, and the sample must be no longer than 35 pages. Longer writing samples should not be submitted without first consulting the graduate director. Documents should not be password protected. Acceptable file types are .rtf, .pdf, and .doc.

Students should see the unit website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply appropriate theoretical principles and procedures to issues and problems at the frontiers of criminology and the criminal justice system.
Select appropriate data collection and data analysis techniques for conducting criminology and criminal justice research.
Able to conduct dissertation research resulting in an original contribution to knowledge in criminology and criminal justice.

Career opportunities

Graduates of the criminology and criminal justice doctorate program find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in criminal justice agencies (federal, state and local), policymaking, and teaching and research, such as:

city, county and state government liaison to criminal justice agencies
court administrator
detective or investigator
evidence and crime scene supervisor (CSI activities)
forensic scientist
intelligence analyst
law enforcement or police crime analysis supervisor
policy analyst
probation, parole or community supervisor
professor of criminal justice

Opportunities also include supervisory and management positions in social service agencies, such as:

child and family services (e.g., Head Start, child support enforcement, foster care, elder care)
Department of Economic Security
homeless outreach
victim advocacy

Graduates also have the opportunity to work in supervisory and management positions in the private sector, including online security, as well as in the cybersecurity sector.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
gradsccj@asu.edu
602-496-2356

Domestic Violence and Evidence-Based Practice (Certificate), Certificate (PPDVEPGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

The certificate program in domestic violence and evidence-based practice provides students with the experience and knowledge to intervene safely and effectively on behalf of survivors of gender-based violence, a vulnerable group that helping professionals are likely to encounter in all areas of practice. Graduates who have learned the dynamics of domestic violence and other forms of gender-based violence are better equipped to assist those suffering its negative physical and mental health consequences.

Evidence-based care is crucial in domestic violence settings. Students in the certificate program engage in service-

based and classroom learning to understand the role of evidence-based interventions in promoting survivor safety and client empowerment. Upon completion of the program, certificate holders become verified advocates for victims of domestic violence in the state of Arizona.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (3 credit hours)
SWG 545 Domestic Violence Prevention and Intervention (3)

Restricted Electives (6 credit hours)
SWG 546 Approaches to Teen Dating Violence Prevention (3)
SWG 618 Advanced Practice in Domestic Violence (3)
SWG 647 The Domestic Violence Movement: An Intersectional Framework (3)
SWG 648 Intimate Partner Violence Risk Assessment (3)

Other Requirement (6 credit hours)
SWG 541 Generalist Practicum I (3) or SWG 641 Advanced Practicum: Direct Practice I (3) or SWG 643 Advanced Practicum: Planning, Social Work Administration and Community Practice I (3)
SWG 542 Generalist Practicum II (3) or SWG 642 Advanced Practicum: Direct Practice II (3) or SWG 644 Advanced Practicum: Planning, Social Work Administration and Community Practice II (3)

Additional Curriculum Information
For restricted electives, students select two courses from the approved course list. Other coursework may be used with the approval of the academic unit.

For the Other Requirement section, students must select one course from SWG 541, SWG 641 or SWG 643 and one course from SWG 542, SWG 642 or SWG 643. Other coursework may be used with approval of the academic unit.

The student's department-specific practicum experience credits may be substituted for those listed in the Other Requirement section with department approval.

All students are required to complete 300 hours (minimum) of domestic violence service through a practicum experience. Students should work with the academic unit in coordinating the practicum experience. Concurrent with the beginning of their practicum experience, students take the Domestic Violence Prevention and Intervention core course (SWG 545) to learn about the foundations for working with domestic violence victims. The coursework and practicum experience maximize experiential learning opportunities.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and are degree-seeking graduate students. Experience in social work, social services or a related field is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants interested in the domestic violence and evidence-based practice certificate are asked to attend an interview. The interview is a chance to help the student find an appropriate practicum experience to match the certificate requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/domestic-violence-evidence-based-practice/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Implement evidence-based interventions when working with clients that are experiencing domestic violence.
Apply advocacy skills when working with clients that are experiencing domestic violence.

Career opportunities

Prospective administrators, helping professionals and community activists gain practical knowledge, implement interventions backed by evidence, and develop the tools and networks to create change for survivors, families and communities.

Career examples include:

clinician or therapist
domestic violence or lay legal advocate
domestic violence support group facilitator
shelter case manager

Contact information

School of Social Work | UCENT 810W
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPDVEPGRCT/graduate/false/2

sswgradcerts@asu.edu
602-496-0800

Emergency Management (Certificate), Certificate (PPEMEGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

ASU ranks No. 2 for best graduate homeland security and emergency management program by U.S. News & World Report, 2024.

The graduate certificate program in emergency management provides students with the skills and knowledge to manage and assume positions of leadership in government, private, nonprofit and civic roles within the field of emergency management. An orientation on all-hazards and all-threats paired with a focus on community resilience and communication provides students with a generalist perspective, which is critically important for the disaster managers of today and tomorrow.

This certificate program may be of interest to students in disciplines such as public policy, planning, political science, nonprofit management, social work, criminology and other related fields.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
PAF 520 Public Management (3)
PAF 552 Integrated Emergency Management (3)
PAF 555 Information Technology in Emergency Management (3)

Electives (6 credit hours)

Additional Curriculum Information
For electives, students should see the academic unit for an approved course list. Other coursework may be used with the approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a statement of career and educational goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students who reside in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The program is ideal for students from related fields, including political science, planning, urban and metropolitan studies, sociology and other social science degrees; however, applicants from all educational backgrounds may be accepted provided they meet the minimum requirements. Current ASU graduate students are eligible for the certificate as a supplement to their existing degree program. In addition, students not enrolled in a graduate program at ASU are eligible to apply as nondegree-seeking students provided they meet the admission criteria stated above.

ASU Master of Public Administration students in the emergency management concentration are not eligible for admission due to program overlap.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/emergency-management-graduate-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate expertise in comprehensive hazards governance.
Demonstrate expertise in community resilience capacity-building practices.

Career opportunities

Students who complete this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/

spa@asu.edu
602-496-0450

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA (PPEMHSBTMA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

ASU ranks No. 2 for best graduate homeland security and emergency management program by U.S. News & World Report, 2024.

Biosecurity and threat management is an important and emerging area related to the intersection of homeland security, public health and risk management. It addresses a distinct set of hazard and threat management issues related to bioterrorism, agroterrorism and communicable disease threats associated with disaster incidents, as well as biodefense overall.

The biosecurity and threat management concentration within the Master of Arts program in emergency management and homeland security is designed to assist professional development aimed at meeting these types of current and emerging challenges. Some of the coursework in this concentration area is offered through international partners as part of the PLuS alliance program.

The students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of today's world. Its core values of collaboration between practitioners, faculty and students; public service; commitment to diversity; and critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (PAF 593)

Required Core (18 credit hours)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 551 Hazards Governance (3)
PAF 552 Integrated Emergency Management (3)
PAF 558 Program Evaluation for Emergency Management and Homeland Security (3)
PAF 559 GIS for Hazards Analysis (3)

Concentration (6 credit hours)
PAF 564 Health Aspects of Crises, Emergencies, Disasters (3)
PAF 575 US Biodefense Policy and Management (3)
PAF 581 Bioterrorism and Health Intelligence (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)
Additional Curriculum Information
Students must select two courses from the concentration list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• a written statement
• evidence of current employment
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement must be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Applicants must provide evidence of current employment in an organization in this field; at least two years of prior professional experience in this or a related field; or a bachelor's degree in a related area.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-biosecurity-and-threat-management/) for program descriptions and to request more information.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of leading research universities from two continents --- Arizona State University and King's College London --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

Graduates of this program are well prepared to pursue key leadership and management positions at a variety of public sector agencies at the federal, state and local levels and in related organizations. There are also private-sector job options, such as in the hospital sector, in health care and in security.

Career examples include:

- biosafety officer
- biosecurity monitor
- biosecurity officer
- biosecurity specialist
- bioterrorism researcher
- data scientist

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
idpadvising@asu.edu
602-496-0450

Emergency Management and Homeland Security (Community Resilience), MA (PPEMHSCRMA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

ASU ranks No. 2 for best graduate homeland security and emergency management program by U.S. News & World Report, 2024.

Community resilience refers to the efforts of government and nongovernment actors to develop policies and practices aimed at reducing short- and long-term hazard risks in order to enhance safety, sustainability and resiliency through adaptive capacities.

This concentration within the Master of Arts program in emergency management and homeland security is focused on understanding how community resilience is developed and promoted in coordination with government agencies (local, state and federal) as well as private and nonprofit sector organizations in which functional and operational responsibilities relate to planning, hazards mitigation, disaster recovery or sustainability. Furthermore, this program leverages international partners in the United Kingdom through the PLuS Alliance for additional course offerings.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (PAF 593)

Required Core (18 credit hours)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 551 Hazards Governance (3)
PAF 552 Integrated Emergency Management (3)
PAF 558 Program Evaluation for Emergency Management and Homeland Security (3)
PAF 559 GIS for Hazards Analysis (3)

Concentration (6 credit hours)
PAF 553 Hazard Mitigation Planning (3)
PAF 560 Community Resilience (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• a written statement
• evidence of current employment in an organization in this field, or at least two years prior professional experience in this or a related field, or a bachelor's degree in a related area
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-community-resilience/) for program descriptions and to request more information.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of leading research universities from two continents --- Arizona State University and King's College London --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

The U.S. Bureau of Labor Statistics predicts faster-than-average job growth in the homeland security and emergency management fields over the next 10 years. Graduates with a master's degree in emergency management and homeland security with a concentration in community resilience are well suited for a variety of career opportunities, including:

disaster recovery
emergency management
environmental quality
hazard mitigation
planner
public health emergency preparedness

Contact information

School of Public Affairs | UCENT 400
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPEMHSCRMA/graduate/false/2
idpadvising@asu.edu
602-496-0915

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA (PPEHSCPMMA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

Cybersecurity is an important tool for addressing threat and vulnerability issues that cut across multiple domains. ASU ranks No. 2 for best graduate homeland security and emergency management program by U.S. News & World Report, 2024.

The cybersecurity policy and management concentration within the Master of Arts program in emergency management and homeland security provides motivated students with knowledge, skills and abilities that will enable them to assume leadership, key management and other key operational positions in public sector agencies or related private sector organizations. These organizations have responsibilities related to managing cybersecurity hazards in the area of homeland security, emergency management, critical infrastructure protection, risk management and other related fields.

This concentration is particularly geared toward professionals in emergency management, homeland security, critical infrastructure protection, hazard mitigation, and planning and emergency preparedness who do not seek nor require highly technical training in cybersecurity (beyond a basic competency level) but do have major operational responsibilities that pertain to cyber-related vulnerabilities. This program is a distinct contribution: It provides education and training on cyber policy and management issues for general administrators. Furthermore, it leverages the PLuS Alliance for course offerings.

The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of today's world. Its core values of collaboration between practitioners, faculty and

students; public service; commitment to diversity; critical thinking; and evidence-based assessment are all central to promoting informed and effective leadership.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (PAF 593)

Required Core (18 credit hours)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 551 Hazards Governance (3)
PAF 552 Integrated Emergency Management (3)
PAF 558 Program Evaluation for Emergency Management and Homeland Security (3)
PAF 559 GIS for Hazards Analysis (3)

Concentration (6 credit hours)
PAF 563 U.S. Cyber and Information Security Policy (3)
PAF 576 Information Assurance Principles (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)

Additional Curriculum Information
Students take up to three courses as part of the PLuS Alliance program with the University of New South Wales.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 in an applicable master's degree program.

All applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• professional resume
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The resume should show current employment in an organization in this field or at least two years prior professional experience in emergency management or a related field, or a bachelor's degree in a related area.

The written statement must be at least one page in length and must describe the applicant's educational and career goals and long-term professional development strategy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/cybersecurity-policy-and-management-ma/) for program descriptions and to request more information.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of leading research universities from two continents --- Arizona State University and King's College London --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

Graduates with a master's degree in emergency management and homeland security with the cybersecurity policy and management concentration have a wide range of career opportunities, and the management of cyber-related hazards cuts across a broad set of professional areas. They serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations.

Career examples include:

corporate operations crisis manager
corporate operations security manager
emergency management director
emergency preparedness coordinator or specialist
information security analyst
logistics coordinator or manager
security operations center manager

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
idpadvising@asu.edu
602-496-0450

Emergency Management and Homeland Security (Emergency Management), MA (PPEMHSEMMA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

ASU ranks No. 2 for best graduate homeland security and emergency management program by U.S. News & World Report, 2024.

The emergency management concentration within the Master of Arts program in emergency management and homeland security is designed for individuals who intend to assume greater management responsibility in helping communities reduce vulnerability to hazards and cope with disasters in both private and public settings.

Students gain an essential understanding of the entire vision, mission and principles of emergency management with an emphasis on policy analysis and program evaluation, leadership, management, use of technology, phases of the disaster life cycle, and interagency and cross-sector collaboration. Core concepts and analytic approaches to disaster risk reduction and the promotion of community resilience capacity are addressed in concentration courses.

Program students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of today's world. Its core values of collaboration between practitioners, faculty and students; public service; commitment to diversity; and critical thinking and evidence-based assessment are all central to promoting informed and effective leadership. Furthermore, this program leverages international partners in the United Kingdom through the PLuS Alliance for additional course offerings.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (PAF 593)

Required Core (18 credit hours)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 551 Hazards Governance (3)
PAF 552 Integrated Emergency Management (3)
PAF 558 Program Evaluation for Emergency Management and Homeland Security (3)
PAF 559 GIS for Hazards Analysis (3)

Concentration (6 credit hours)
PAF 554 Exercises and Planning for Emergency Management and Homeland Security (3)
PAF 555 Information Technology in Emergency Management (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned from a regionally accredited institution a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, or another closely related field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• evidence of current employment in an organization in this field, or at least two years prior professional experience in this or a related field, or a bachelor's degree in a related area
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-emergency-management/) for program descriptions and to request more information.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of leading research universities from two continents --- Arizona State University and King's College London --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

Graduates with a MA in emergency management and homeland security have the skills needed to thrive in many careers. Advanced degrees or certifications may be required for academic or clinical positions.

Career options include:

- continuity of operations planner
- disaster recovery specialist
- emergency manager
- hazard mitigation officer
- logistics specialist
- training and exercises planner

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
idpadvising@asu.edu
602-496-0450

Emergency Management and Homeland Security (Homeland Security), MA (PPEMHSHSMA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

This concentration within the Master of Arts program in emergency management and homeland security is focused on homeland security as a field, applicable to all levels of government (federal, state and local) and to positions in private sector organizations with functional and operational skills related to organizational security.

Students gain an essential understanding of the public policy and practice on homeland security and homeland defense issues, with an emphasis on policy analysis and program evaluation, leadership, management, use of technology interagency and cross-sector collaboration. Furthermore, it leverages international partners in the United Kingdom through the PLuS Alliance for additional course offerings.

Students in the program serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of today's world. Its core values of collaboration between practitioners, faculty and students; public service; commitment to diversity; and critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (PAF 593)

Required Core (18 credit hours)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 551 Hazards Governance (3)
PAF 552 Integrated Emergency Management (3)
PAF 558 Program Evaluation for Emergency Management and Homeland Security (3)
PAF 559 GIS for Hazards Analysis (3)

Concentration (6 credit hours)
CRJ 553 Terrorism and Weapons of Mass Destruction (3)
PAF 557 Interagency and Intersector Coordination for Emergencies and Disasters (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field or a bachelor's degree in a related area
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-homeland-security/) for program descriptions and to request more information.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of leading research universities from two continents --- Arizona State University and King's College London --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

The U.S. Bureau of Labor Statistics predicts faster-than-average job growth in the homeland security and emergency management fields over the next 10 years. Graduates with a master's degree in emergency management and homeland security are well suited for positions in both the public and private sectors.

Career examples include:

- cybersecurity specialist
- homeland security specialist
- intelligence analysis
- logistics specialist
- planner
- policy analyst

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
idpadvising@asu.edu
602-496-0450

Emergency Management and Homeland Security, MA (PPEMHSMA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Arts program in emergency management and homeland security assists in the professional development of current and future practitioners as the next generation of leaders in these fields.

The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of today's world. Its core values of collaboration between practitioners, faculty and students; public service; commitment to diversity; and critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

One of the distinct features of this program is its breadth of content coverage. The program offers five distinct concentration areas, listed below. These subject area specializations underscore the program's commitment to strategic thinking about current and future challenges. Likewise, the program has a number of learning opportunities from an international perspective.

• biosecurity and threat management (https://degrees.apps.asu.edu/masters-phd/major/ASU00/PPEMHSBTMA/emergency-management-and-homeland-security-biosecurity-and-threat-management-ma)
• community resilience (https://degrees.apps.asu.edu/masters-phd/major/ASU00/PPEMHSCRMA/emergency-management-and-homeland-security-community-resilience-ma)
• cybersecurity policy and management (https://degrees.apps.asu.edu/masters-phd/major/ASU00/PPEHSCPMMA/emergency-management-and-homeland-security-cybersecurity-policy-and-management-ma)
• emergency management (https://degrees.apps.asu.edu/masters-phd/major/ASU00/PPEMHSEMMA/emergency-management-and-homeland-security-emergency-management-ma)
• homeland security (https://degrees.apps.asu.edu/masters-phd/major/ASU00/PPEMHSHSMA/emergency-management-and-homeland-security-homeland-security-ma)

When students enroll in this program, they are encouraged to choose one of these area specializations. Students can enroll in the degree program without declaring a concentration; however, selecting one is advisable because doing so assists in developing the knowledge, skills and abilities pertinent to an intended career path.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (PAF 593)

Required Core (18 credit hours)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 551 Hazards Governance (3)
PAF 552 Integrated Emergency Management (3)

PAF 558 Program Evaluation for Emergency Management and Homeland Security (3)
PAF 559 GIS for Hazards Analysis (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)

Additional Curriculum Information
For electives, students should see the academic unit for the approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, environmental sciences or geography, public health or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate application and application fee
• official transcripts
• evidence of current employment in an organization in this field, or at least two years prior professional experience in this or a related field or a bachelor's degree in a related area
• two letters of recommendation
• a written statement
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/graduate/master-arts-emergency-management-and-homeland-security/) for program descriptions and to request more information.

Global opportunities

PLuS Alliance

The PLuS Alliance partnership combines the strengths of leading research universities from two continents --- Arizona State University and King's College London --- to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to collaborate with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaboration degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. https://www.plusalliance.org/global-learning-network-programmes

Career opportunities

Graduates with an MA in emergency management and homeland security have career opportunities illustrated below. Advanced degrees or certifications may be required for academic or clinical positions.

cybersecurity specialist
disaster recovery specialist
emergency manager
exerciser and trainer
hazard mitigation officer
homeland security specialist
intelligence analyst
planner
public health emergency preparedness officer

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
idpadvising@asu.edu
602-496-0450

Foundations in Gerontology (Certificate), Certificate (PPGNTGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The need for students trained to work with older adults is great. While Arizona has a growing elderly population, many people working with the elderly have not been trained.

Through the microcertificate program in foundations in gerontology, students across disciplines develop foundational knowledge to understand and work successfully with the elderly, including attending to their mental health needs and providing the best services possible. This program prepares students to become competitive applicants for positions that prioritize gerontology.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education

benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

9 credit hours

Required Core (6 credit hours)
SWG 570 Aging in Perspective (3)
SWG 571 Mental Health Aspects of Aging (3)

Other Requirements (3 credit hours)
SWG 573 Policies to Promote Healthy Aging
SWG 591 Topic: Aging in Context (3)

Additional Curriculum Information
For other requirements coursework, students choose to take three credit hours of SWG 573 or SWG 591. The approved topic is Aging in Context. Other requirements coursework can be substituted with department approval. Students can choose to count three credit hours of an internship or practicum placement in a setting that works with older adults.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in social work, nursing, medicine, physical therapy, occupational therapy, law, public health, counseling, public administration, audiology, recreational therapy or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admissions application and application fee
• official transcripts
• unofficial transcripts
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Earning a foundations in gerontology microcertificate opens diverse career opportunities in a variety of fields. Possibilities include:

advocating for policies and programs that promote well-being in older adults
conducting research
coordinating care for older adults in case management
developing and managing programs for senior centers and nonprofits
managing retirement communities or assisted living facilities
overseeing and improving care facilities and services
promoting healthy aging practices and preventative care
specializing in retirement and estate planning for older adults
supporting older adults and their families
working in physical or occupational therapy with a focus on older adults

Contact information

School of Social Work | UCENT 800
https://socialwork.asu.edu/
sswgradcerts@asu.edu
602-496-0800

Homeland Security (certificate), Certificate (PPHLSGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The graduate certificate in homeland security focuses on homeland security as a field related to organizational security.

Students can study topics related to current international and domestic terrorism issues, global security, intelligence analysis, cybersecurity issues, crime prevention and law enforcement.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (12 credit hours)
CRJ 553 Terrorism and Weapons of Mass Destruction (3)
CRJ 554 Homeland Security (3)
CRJ 557 Seminar in Domestic Terrorism (3)
CRJ 558 Seminar in International Terrorism (3) or CRJ 559 Seminar in Cyber Terrorism (3)

Electives or Research (3 credit hours)

Additional Curriculum Information
Students should see the academic unit for available elective and research coursework.

Students may choose to participate in a study abroad experience in counterterrorism in Israel during the summer term that may be used to fulfill elective coursework. Students who choose this option enroll in CRJ 555 Police and International Terrorism and CRJ 556 Etiology of Martyrdom.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology, criminal justice, homeland security, counterterrorism or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• letter of intent
• professional resume
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letter of intent, resume and letters of recommendation are not needed if the applicant is already matriculated in an ASU master's degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/homeland-security-grad-cert/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Analyze United States homeland security issues and challenges from both national and international perspectives.
> Evaluate a variety of factors contributing to domestic terrorism and international terrorism and possible responses to such threats.

Career opportunities

Graduates of the homeland security graduate certificate program find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in criminal justice agencies (federal, state and local), such as the Cybersecurity and Infrastructure Security Agency, U.S. Customs and Border Protection, the U.S. Secret Service and local law enforcement agencies.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
idpadvising@asu.edu
602-496-1019

Latino Cultural Competency in Social Work (certificate), Certificate (PPSWGGRCL)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

The Latino cultural competency in social work certificate is intended for graduate social work students and current professional social workers who want specific expertise in order to expand their employment potential. This program enhances students' capacity for engaging in culturally grounded practice with Latino clients and their communities.

The program provides social work students the opportunity to learn the critical, cross-cultural factors that influence a worker's competency in forming professional helping relationships with Latinos; understand the social and cultural context and theoretical principles of social work practice with Latinos; and learn the social service delivery issues involved in providing services for bilingual and limited- or non-English-speaking Latino populations.

The School of Social Work offers Latino-oriented courses with an emphasis on Spanish language development for professional social workers.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

The following is required for students enrolled in the Master of Social Work program:
• completion of 480 hours of practicum with Latino clients and communities (60% of caseload to be Spanish-speaking)
• practicum practice consisting of six credit hours of practicum
• six credit hours of Latino-oriented coursework
• SWG 533 Diversity, Oppression and Social Justice in Social Work (3)

At least three credit hours must be taken from within the School of Social Work.

Those already working in the community as a professional social worker have the following requirements:
• six credit hours of independent study practicum practice consisting of the completion of 480 hours with Latino clients and communities (60% of client caseload to be Spanish-speaking)
• six credit hours of Latino-oriented coursework
• SWG 533 Diversity, Oppression and Social Justice in Social Work (3)

Additional Curriculum Information
At least three credit hours of the Latino-oriented coursework must be taken from within the School of Social Work.

Students already working in the field of social work may petition to use their place of employment for the six credit hours of independent study practicum practice.

Students with an MSW or Bachelor of Social Work degree who have completed SWG 533 in the past five years may substitute another Latino-oriented course.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• the School of Social Work Latino cultural competency application form and the required $50 application fee
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Social work graduate students must have graduate status in the Watts College of Public Service and Community Solutions' School of Social Work and must demonstrate proficiency in the Spanish language.

Community professional social workers must possess an MSW, BSW or related master's degree and must demonstrate proficiency in the Spanish language.

Community workers must have the equivalency of two years of work experience in the social service field and an undergraduate degree, and demonstrate proficiency in the Spanish language.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with this certificate can:

demonstrate the ability to communicate with the growing monolingual Spanish-speaking population
demonstrate an understanding of issues affecting Latino populations
increase their cultural competency as social workers regarding Latino populations

All of these acquired skills make graduates more attractive to employers, especially in the southwestern U.S., and can assist graduates in advancement toward their career goals.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPSWGGRCL/graduate/false/2
sswgradcerts@asu.edu
602-496-0800

Law Enforcement Administration (Certificate), Certificate (PPLEAGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The graduate certificate program in law enforcement administration is designed for law enforcement professionals who have already obtained a bachelor's degree and are seeking to advance in their career.

The curriculum provides a comprehensive analysis of criminal justice organizations, policing, and program analysis and includes cross-disciplinary topics such as public administration. The program is designed to give students a solid foundational understanding of law enforcement agency administration, leadership and policy analysis.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Courses (9 credit hours)
CRJ 512 Seminar in Policing (3)

CRJ 516 Seminar in Criminal Justice Organization and Management (3) or CRJ 574 Executive Leadership Principles in Public Safety (3)
CRJ 527 Police Accountability (3)

Restricted Electives (6 credit hours)

Culminating Experience: none required

Additional Curriculum Information
Students should see the academic unit for the approved restricted elective course list. Restricted electives may be substituted with approval of the academic unit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a

regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants who are nondegree-seeking students (not admitted to a graduate degree program at ASU) are required to submit:
• graduate admission application and application fee
• official transcripts of undergraduate and, if applicable, graduate coursework
• a written statement of career and educational goals
• two letters of recommendation
• current resume
• proof of English proficiency

Applicants who are graduate degree-seeking students (admitted to an ASU graduate program) are required to submit:
• graduate admission application
• a written statement of career and educational goals

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students from related fields such as public policy, political science, psychology, sociology and other social science degrees might be interested in this program; however, all eligible students are considered. Although most students would likely come from the aforementioned degree fields, there is no specific undergraduate degree major required for admission; the school accepts applicants with undergraduate degrees from all educational backgrounds.

Admission examinations are not required for admission to the certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-law-enforcement-administration/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Critically apply management and organizational theories to issues in contemporary law enforcement practice. Demonstrate competence in explaining the role of proactive accountability measures in creating fairer and more effective law enforcement agencies.

Career opportunities

Graduates of the law enforcement administration graduate certificate program find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in criminal justice agencies at federal, state and local levels, such as city police departments, county sheriff's offices, state bureaus of investigation and federal law enforcement agencies.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu
idpadvising@asu.edu
602-496-1019

Nonprofit Leadership and Management (certificate), Certificate (PPNONPROCE)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The graduate certificate program in nonprofit leadership and management provides students with an understanding of the nonprofit sector's role in society, as well as the skills necessary to lead and make a positive impact in nonprofit work.

Students with diverse academic backgrounds are exposed to knowledge needed by leaders in the nonprofit sector, including understanding the historical and philosophical context for nonprofit organizations in society, the theory and practice of philanthropy, financial management practices and other topical content areas.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
NLM 540 Strategic Human Resources Management (3) or NLM 545 Volunteer Resource Management (3)

Electives (6 credit hours)

Additional Curriculum Information
Students select either NLM 540 or NLM 545 as part of the required core coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee

• official transcripts
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

The program is available to students who are pursuing their graduate degree in a chosen field of study and who have expressed interest in pursuing careers in the nonprofit sector. In addition, the program is well-suited for working professionals who may be pursuing a graduate degree and wish to strengthen their skills and connections in the nonprofit community as well as have one to three years of nonprofit professional experience.

Applicants should see the Watts College of Public Service and Community Solutions website for more information.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate the financial health of nonprofit organizations.
Demonstrate an understanding of critical dimensions of the nonprofit sector through discussion, readings, individual research and writing.

Career opportunities

Graduates of this program have built expertise in nonprofit leadership and management. Career opportunities include:

administrative officers
community services officers
executive officers
financial officers
foundation officers

Contact information

School of Community Resources and Development | UCENT 500
https://scrd.asu.edu
idpadvising@asu.edu
602-496-1019

Nonprofit Leadership and Management, MNLM (PPNPSMNS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The Master of Nonprofit Leadership and Management program is a two-year program designed for individuals seeking senior leadership and management roles in the nonprofit sector. Students gain a specialized understanding of the unique characteristics of nonprofit organizations and the social sector. They explore both theoretical frameworks and practical applications of leadership and management in nonprofit settings. This program allows students to earn recognition comparable to those with graduate degrees in business administration while specializing their skill set for the public good.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Nonprofit Leadership and Management, BS

Nonprofit Leadership and Management (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required capstone course (NLM 620)

Required Core (15 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
NLM 530 Program Evaluation and Information Management (3)
NLM 540 Strategic Human Resources Management (3) or NLM 545 Volunteer Resource Management (3)
NLM 550 Philanthropy (3)

Electives (15 credit hours)
NLM 515 Nonprofit Organizational Behavior and Principles of Management (3)
NLM 525 Fundraising and Resource Development (3)
NLM 540 Strategic Human Resources Management (3)
NLM 545 Volunteer Resource Management (3)
NLM 560 Leadership and Ethics in the Nonprofit Sector (3)
NLM 562 Social Entrepreneurship (3)
NLM 565 Grant Writing Nonprofit Organizations (3)
NLM 570 International Non-Governmental Organizations (3)
NLM 572 Community and Social Innovations (3)
NLM 580 Practicum (3)
NLM 585 Social Marketing (3)
NLM 605 Nonprofits, Law and Society (3)
NLM 610 Executive Leadership and Governance (3)

Culminating Experience (3 credit hours)
NLM 620 Capstone: Integrative Seminar (3)

Additional Curriculum Information
Students are required to take 15 credit hours of core coursework and 15 credit hours of related elective coursework.

Three credit hours of a capstone course are also required and must be completed in the final semester of the program. The capstone course is integrative of all concepts learned in the program, allowing students to synthesize material from prior coursework. Successful completion of this course is required in place of a thesis or applied project.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• curriculum vitae or resume
• statement of educational and career goals
• three reference letters
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

The statement of educational and career goals should be written in sufficient detail to indicate compatibility with the educational objectives and capabilities of the school.

Reference letters should be from a combination of academic and professional references. References from friends and family members are not accepted.

Students currently pursuing the nonprofit leadership and management certificate who are interested in applying for the master's program must apply to the degree program before the completion of nine credit hours in their certificate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/graduate/masters-certification-master-nonprofit-leadership-and-management/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate the programmatic work of nonprofit organizations based on an integration of material learned throughout the degree program.
Evaluate the financial health of nonprofit organizations.
Demonstrate an understanding of critical dimensions of the nonprofit sector through discussion, readings, individual research and writing.

Career opportunities

Graduates of this program have built expertise in nonprofit leadership and management. Career opportunities include:

chief administrative officer
chief executive officer
chief financial officer
foundation officer

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
idpadvising@asu.edu
602-496-0915

Participatory Governance (certificate), Certificate (PPPGOGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Tempe

Program description

This transdisciplinary certificate program combines academic rigor with practical skills. Students examine the main theories and research findings on participatory governance and public engagement, and familiarize themselves with past and current democratic innovations in the U.S. and around the world. Students also develop the capacity to design, carry out and examine processes of participatory governance and public engagement.

Students may pursue the certificate program as a specialization within an existing ASU graduate program or as a stand-alone certificate.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
Choose three of the following courses:
PAF 530 Management of Urban Government (3)
PAF 531 Community Conflict Resolution (3)
PAF 565 Theories and Practices of Democracy (3)
PAF 566 Participatory Governance and Civic Engagement (3)

Electives (6 credit hours)

Additional Curriculum Information
Electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure that they focus on a common theme and to see that the student's experiences in the courses align with the learning goals outlined for the certificate.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of career and educational goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students from related fields such as political science, planning, urban and metropolitan studies, sociology and other social science degrees might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate knowledge of democratic theory and its connection to participatory governance.
Understand advantages and disadvantages of different models of participatory governance.

Career opportunities

Graduates with this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. Possible positions include manager or policy analyst in a local, state or federal agency; nonprofit organization; or private organization that interfaces with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Policy Informatics (Certificate), Certificate (PPPOIGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The policy informatics certificate program provides knowledge and skills to students seeking careers in which they can use informatics tools, models and simulations to help individuals and groups deliberate and evaluate policy decisions. The program places emphasis on theories and research concerning decision-making, complexity theory and visualization of quantitative and qualitative information, collective intelligence, behavioral economics, and persuasive technologies.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
PAF 505 Public Policy Analysis
PAF 513 Foundations of Data Science I: Introduction to Data Programming in R (3)
PAF 514 Foundations of Data Science II: Data Wrangling (3)

Restricted Electives (6 credit hours)
PAF 510 Foundations of Program Evaluation I: Multiple Regression (3)
PAF 515 Foundations of Data Science III: Project Management (3)
PAF 516 Community Analytics (3)
PAF 540 Advanced Policy Analysis (3)
PAF 571 Geographic Information Systems (GIS) and Analysis (3)
PAF 582 E-Public Administration (3)
PAF 591 Topic: Complexity in Public Policy and Management (3)
PAF 591 Topic: Introduction to Policy Informatics (3)

Additional Curriculum Information
Students should review the certificate requirements and required courses on the School of Public Affairs website.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• a statement of career and educational goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered to this certificate program.

All materials are submitted online through the graduate admission application.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. Possible positions include manager or policy analyst in a local, state or federal agency; nonprofit organization; or private organization that interfaces with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Program Evaluation (Certificate), Certificate (PPPGEVGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

Professionals in the government, nonprofit and private sectors are increasingly required to demonstrate effectiveness of programs and activities. This graduate certificate program in program evaluation provides students with a solid grounding in the applied and conceptual tools for conducting evaluation research and implementing assessments.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (15 credit hours)
PAF 510 Foundations of Program Evaluation I: Multiple Regression (3)
PAF 511 Foundations of Program Evaluation II: Research Design (3)
PAF 512 Foundations of Program Evaluation III: Advanced Regression Tools (3)
PAF 513 Foundations of Data Science I: Introduction to Data Programming in R (3)
PAF 541 Program Evaluation (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology and criminal justice, social work, public service, nonprofit management, parks and recreation management, tourism management, business, education, family studies, public health, education, psychology or a related social and applied sciences field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

• graduate admission application and application fee
• official transcripts
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for

admission to this certificate program.

Admission examinations are not required for this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/program-evaluation-graduate-certificate/) for program descriptions and to request more information.

Career opportunities

Program evaluation is valued in many fields and industries. These include educational institutions, nonprofit organizations, health care facilities, government programs and more. Once students deepen their program evaluation capacity, options for employment are diverse. Career titles with program evaluation as a central component of their role include:

city government program manager
compliance officer
education curriculum or program specialist
evaluation specialist in a public or nonprofit organization
foundation officer
government grant manager
health care administrator
monitoring and evaluation analyst
nonprofit manager or executive director
research analyst

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
idpadvising@asu.edu
602-496-0450

Program Evaluation and Data Analytics, MS (PPPGEMS)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Science program in program evaluation and data analytics is a professional degree program that emphasizes skills needed to leverage data to improve organizational performance in the public, nonprofit and private sectors. It combines courses in program evaluation and data science, which empower students to utilize a diverse array of tools to generate insights on social impact and leverage data in organizations.

Students receive training in data programming, visualization, dashboard design, open data, project management and impact analysis. Through this, students build the technical skills necessary to implement evidence-based approaches to policy and management.

Unlike other data scientist degrees, this program is built using public sector and nonprofit examples. Students do not need a background in computer programming before starting the program. Through a project-based curriculum and individualized attention, students develop expertise in performance and evaluation frameworks.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required capstone course (PAF 509)

Required Core (24 credit hours)
PAF 510 Foundations of Program Evaluation I: Multiple Regression (3)
PAF 511 Foundations of Program Evaluation II: Research Design (3)
PAF 512 Foundations of Program Evaluation III: Advanced Regression Tools (3)
PAF 513 Foundations of Data Science I: Introduction to Data Programming in R (3)
PAF 514 Foundations of Data Science II: Data Wrangling (3)
PAF 515 Foundations of Data Science III: Project Management (3)
PAF 516 Community Analytics (3)
PAF 541 Program Analytics (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours
PAF 509 Public Affairs Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in criminology and criminal justice, social work, public service, nonprofit management, parks and recreation management, tourism management, business, education, family studies, public health, psychology, or a related social and applied sciences field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• two letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/program-evaluation-and-data-analytics-ms/) for program descriptions and to request more information.

Career opportunities

Program evaluation spans many fields and industries. These include educational institutions, nonprofit organizations, health care facilities, government programs and more. Options for employment are diverse for graduates who have a deepened capacity for program evaluation. Career titles with program evaluation as a central component of their role include:

chief data officer
city government program manager
compliance officer
director of evaluation or evaluation specialist
education curriculum or program specialist
government grant manager
health care administrator
monitoring and evaluation analyst
nonprofit manager or executive director
policy or research analyst

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
idpadvising@asu.edu
602-496-0450

Public Administration (Emergency Management), MPA (PPPAFEMPA)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, ASU at Hainan

Program description

The Master of Public Administration program is a professional degree program that can be completed full time or part time.

The program consists of a core curriculum emphasizing managerial and analytic skills needed in a large range of careers that serve the public good. Through a focused set of electives, the concentration in emergency management provides students with the skills and knowledge they need in order to manage and assume positions of leadership in the field of emergency management within government, private, nonprofit and civic organizations. An all-hazards and all-threats orientation paired with a focus on community resilience and communication provides the student with a generalist perspective, which is critically important for the disaster managers of today and tomorrow.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Required Concentration (9 credit hours)
PAF 520 Public Management (3)
PAF 552 Integrated Emergency Management (3)
PAF 555 Information Technology in Emergency Management (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include political science, criminology, planning, business, urban and metropolitan studies, and other social science fields. Although most students for the graduate concentration would likely come from the aforementioned degree fields, the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of career and educational goals
• two letters of recommendation from academic references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students who enroll in MPA core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission, but must be completed within one semester after starting the program. Students may also satisfy the American national government competency by successfully completing a noncredit online course offered by the School of Public Affairs to incoming students.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy. Possible positions include manager or policy analyst in a local, state or federal agency; nonprofit organization; or private organization that interfaces with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/mpa
spa@asu.edu
602-496-0450

Public Administration (Certificate), Certificate (PPPUAGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 13 for best graduate public affairs programs by U.S. News & World Report, 2024.

Through comprehensive coverage of topics in public administration, management and policy, students in the graduate certificate program in public administration discover the challenges of management, learn how to lead a public organization and understand the process of policy development.

The program is designed to give students a solid foundational understanding of administration, leadership and policy analysis in service to the public good.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
PAF 503 Public Affairs (3)
PAF 505 Public Policy Analysis (3)

Electives (9 credit hours)

Additional Curriculum Information

Electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure they focus on a common theme and to see that the student's experiences in the courses align with the learning goals outlined for the certificate. For the electives, the student must select any three 3-credit PAF courses at the 500 level.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of career and educational goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students from related fields such as public policy, political science, planning, urban and metropolitan studies, sociology, as well as other social science degrees might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Interact productively with a diverse and changing workforce and citizenry.
Employ analytic frameworks for supporting decision-making in public organizations and contributing to the policy process.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. Possible positions include manager or policy analyst in a local, state or federal agency; nonprofit organization; or private organization that interfaces with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Public Administration (Nonprofit Administration), MPA (PPNONPRMPA)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 5 for best graduate nonprofit management program by U.S. News & World Report, 2024.

The Master of Public Administration program is a professional degree program designed to prepare students for public service at all levels of government as well as in the nonprofit and private sectors. The program consists of a core curriculum emphasizing managerial and analytic skills required for work in a wide variety of careers that serve the public good. The MPA program can be completed full time or part time.

The nonprofit administration concentration builds on the core program through the application of administrative and leadership principles to train students as professionals who choose careers in the nonprofit sector. Students focus on the managerial aspects of running nonprofit organizations that solve specific challenges in communities around the world and that provide necessary services not available through traditional markets or government providers. Students gain important skills they need in order to succeed, including financial management, volunteer management, fundraising, strategic planning and experience working with boards of directors.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (9 credit hours)
NLM 510 The Nonprofit Sector (3)
NLM 520 Financial and Resource Management (3)
other approved course (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives as well as the list of courses that may fulfill the concentration requirement. Approved elective credit hours may include courses offered by the school or other academic units in the university.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science disciplines, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Fees increase after the deadline.

Students enrolling in MPA core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission, but they must be completed within one semester after starting the program. Students may also satisfy the American national government competency by successfully completing a noncredit online course offered to incoming students by the School of Public Affairs.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if there are questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy. Possible positions include manager or policy analyst in a local, state or federal agency; nonprofit organization; or private organization that interfaces with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/mpa
spa@asu.edu
602-496-0450

Public Administration (Public Finance), MPA (PPPAFPMPA)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 16 for best graduate public financing and budgeting program and No. 13 for best graduate public affairs programs by U.S. News & World Report, 2024.

The Master of Public Administration program is a professional degree program designed to prepare students for public service at all levels of government as well as in the nonprofit and private sectors. The MPA program can be completed full time or part time.

The program consists of a core curriculum emphasizing managerial and analytic skills needed in a wide variety of careers that serve the public good. Through a focused set of electives, the concentration in public finance provides knowledge and skills for students to excel in areas in which financial management plays an integral role in governance. The concentration deepens knowledge of urban economics, managing money in the public sector, public budgeting, and capital budgeting and financing.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)

PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (9 credit hours)
PAF 521 Managing Public Money (3)
PAF 522 Advanced Governmental Financial Management: Capital Budgeting and Infrastructure Financing (3)
PAF 570 Microeconomics of Public Policy II (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
To meet the Electives or Research requirement, students choose one course from NLM 520, PAF 590 and PAF 584 for three credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science degrees, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Students enrolling in MPA core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program. Students may also satisfy the American national government competency by successfully completing a noncredit online course offered to incoming students by the School of Public Affairs.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/mpa
spa@asu.edu
602-496-0450

Public Administration (Urban Management), MPA (PPPAFUMPA)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 9 for best graduate urban policy program and No. 13 for best graduate public affairs programs by U.S. News & World Report, 2024.

The Master of Public Administration program is a professional degree program designed to prepare students for public service at all levels of government as well as in the nonprofit and private sectors. The program consists of a core curriculum emphasizing managerial and analytic skills required for work in a wide variety of careers that serve the public good.

The urban management concentration prepares students to be leaders in local government, where most services and programs for residents are managed. Through a focused set of electives and interactions with experienced city managers, students gain knowledge and develop the skills they need in order to contribute to the operations of local government and help communities better serve the people who live there.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (9 credit hours)
select three of the following:
PAF 523 The City and County Manager (3)
PAF 525 Public Entrepreneurship (3)
PAF 530 Management of Urban Government (3)
PAF 534 Urban Services Infrastructure (3)

Elective (3 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Related fields include political science, planning, business, urban and metropolitan studies, as well as other social science disciplines, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide regardless of their current residency.

Additional requirements for international students are located at the international admission page (https://admission.asu.edu/apply/international/graduate/english-proficiency).

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Students enrolling in MPA core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program. Students may also satisfy the American national government competency by successfully completing a noncredit online course offered to incoming students by the School of Public Affairs.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/mpa
spa@asu.edu
602-496-0450

Public Administration, EMPA (PPPUAEMPA)

College/School: Watts College of Public Service & Community Solut

Campus: Online

ASU is not currently accepting applications for this program.

Program description

The Executive Master of Public Administration program is designed for public sector leaders throughout the world who already have achieved considerable professional success prior to being admitted into the program.

It is a 19-month online graduate degree program, which also features three-day face-to-face executive sessions in both Phoenix and Washington, D.C. Students participate in the program as part of a learning cohort, and the one-course-at-a-time online structure enables them to maintain a work-life balance as they immerse themselves in each topic.

The learning experience begins with an orientation and executive session in Phoenix. Approximately one year later, the class reconvenes in Washington, D.C. for a second executive session. The executive master's degree program ends in Phoenix, where students present their applied projects.

The program enables students to expand the breadth and depth of their professional network. The online curriculum attracts a more geographically diverse pool of applicants from around the world. The executive sessions in Phoenix and Washington, D.C. further enable students to develop deeper relationships with their classmates.

EMPA students are selected based on their ability to demonstrate the value they would add to the learning experience of the entire class, and a new cohort begins each year.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (PAF 593)

Required Core (27 credit hours)
PAF 504 Microeconomics of Public Policy I (3) or TGM 581 Negotiating in a Global Context (3)
PAF 508 Organization Behavior (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)
PAF 582 E-Public Administration (3)
PAF 585 Strategic Planning for Public Sector Leaders (3)
PAF 586 Data Analytics for the Public Good (3)
PAF 587 Federal Budgeting and Tax Policy (3)
PAF 588 Global Public Policy (3)
PAF 589 Leadership in Public Organizations (3)

Culminating Experience (3 credit hours)
PAF 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Exceptions to the GPA requirements may be considered based on the professional achievements demonstrated by the applicant as determined by applicant's resume and other application materials. In addition to the GPA requirement, applicants are expected to have five to seven years of progressive leadership experience.

The personal statement must be 300 words or fewer and should include what experiences and qualities the student will bring to the program. The student must also discuss their career objectives and how they plan to leverage the degree to help achieve those objectives. In addition, applicants may provide any supplementary information that would strengthen the personal statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of the EMPA program are able to further advance in or switch to careers in local, state, tribal and federal governments or nonprofit and private organizations that regularly interface with the public sector.

Contact information

School of Public Affairs | AZCT Ste 700
https://spa.asu.edu/
ramseyexecutive@asu.edu
602-496-1300

Public Administration and Policy, PHD (PPPUBADPHD)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 13 for best graduate public affairs programs by U.S. News & World Report, 2024.

The Doctor of Philosophy program in public administration and policy is a theoretically grounded research degree program designed to prepare students for a research-based career. This is a four-year, full-time degree program.

This program is designed to develop well-rounded, independent scholars who are grounded in the classic and current literatures of public administration and public policy, skilled in research methods, and ready to contribute to the field through research and teaching. As a result, graduates are poised for success as productive and active scholars, researchers and teachers.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (24 credit hours)
PAF 601 Advanced Public Policy Seminar (3)
PAF 602 Advanced Research Design for Public Policy and Management (3)
PAF 603 Advanced Economics for Public Administration and Public Policy (3)
PAF 604 Intellectual Foundations of Public Administration (3)
PAF 605 Organization Theory and Behavior Seminar (3)
PAF 609 Advanced Quantitative Methods Seminar (3)
PAF 610 Advanced Qualitative Methods for Public Affairs Research (3)
PAF 620 Public Administration Professional Development Workshop (3)

Electives (42 credit hours)

Research (6 credit hours)
PAF 792 Research (6)

Culminating Experience (12 credit hours)
PAF 799 Dissertation (12)

Additional Curriculum Information
When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree from a regionally accredited institution.

ASU's School of Public Affairs expects applicants for the doctorate to have demonstrated competency in the following subject areas at the time of application: organizational theory, public policy analysis, economics and quantitative analysis.

Applicants who have obtained a master's degree accredited by the Network of Schools of Public Policy, Affairs and Administration in public affairs, public administration or public policy are not required to complete prerequisites for admission to ASU's School of Public Affairs. In some cases, applicants from allied fields (i.e., political science, economics, sociology, business) are not required to complete prerequisites, depending upon the extent to which previous training

aligns with the competencies described above.

As is the case with all applicants, the doctoral program director or advisors may require or recommend completion of additional courses when there is a perceived gap of knowledge, especially if the gap relates to graduate-level quantitative analysis and economics (PAF 502 and PAF 504, respectively, or equivalent courses). However, these requirements or recommendations, if any, are not a barrier to admission.

If the doctoral student applicant has graduated from a public affairs, public administration or public policy program from another nation, or from a program not accredited by NASPAA, the applicant may be admitted and required to meet prerequisites after a review by the doctoral committee and doctoral program director.

Students applying with master's degrees from programs not closely related to public affairs (e.g., engineering, modern languages, chemistry) are required to meet prerequisites equivalent to the courses required for either ASU's Master of Public Administration or Master of Public Policy.

Prior to enrolling in any of the school's core classes, all students are expected to be familiar with the foundational competency readings related to organizational theory, public policy analysis, economics and quantitative analysis.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program and have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate coursework
• completed checklist
• written statement
• current resume or curriculum vitae
• three letters of recommendation
• samples of research reports or papers
• GRE scores (verbal, quantitative, analytical)
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must submit TOEFL scores to be considered for admission, regardless of their current residency; applicants should use institution code 4007. This is true even for those who have a master's degree from a United States university. To be considered for admission to the doctoral program in public administration and policy, the minimum score on a TOEFL iBT is 100. Applicants with scores below the minimum are not considered.

The written statement of educational and career goals must include a discussion of research interests.

The letters of recommendation should be primarily from faculty members. All letters should address the candidate's capacity to successfully complete the doctoral program. They should assess the student's capacity for critical and analytic thought, their ability to communicate effectively, both orally and in writing, and their commitment to completion of the program.

Only GRE test scores from within the past five years are accepted, and analytical scores are considered in admission decisions. ASU does not accept the GRE® General Test at home edition.

Admission is competitive; a limited number of well-qualified applicants are admitted each year.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Able to design curriculum for public service students
Carry out an independent research project.
Synthesize core theories, concepts and ideas as used and applied in public administration and policy.

Career opportunities

Graduates of this degree program are prepared to conduct high-level research and policy development in academic careers, public and nonprofit agencies, foundations and research institutes. This may include opportunities as a college or university professor, research scientist, research associate or researcher for another organization.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/phd
spa@asu.edu
602-496-0450

Public Administration, MPA (PPPADTMPA)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, ASU at Hainan, Online

Program description

ASU ranks No. 5 for best graduate public management and leadership program by U.S. News & World Report, 2024.

The Master of Public Administration program equips students with the skills and knowledge necessary to lead and manage in the public sector. It emphasizes the development of competencies in management, public policy analysis, administrative leadership and the ethical governance of public institutions. The program offers a strong foundation in public service values, organizational behavior, budgeting and program evaluation. With a flexible curriculum, students can tailor their studies to focus on areas such as nonprofit management, urban affairs or policy implementation. ASU's MPA program is known for its interdisciplinary approach and its alignment with the challenges faced by contemporary public administrators, fostering innovation and evidence-based decision-making.

Students may also elect to specialize in one of four approved concentrations:

• emergency management
• nonprofit administration
• public finance
• urban management

This program can be completed full time or part time.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to

high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Criminology and Criminal Justice, MS

American Indian Studies (Tribal Leadership and Governance), MS

Sustainability Solutions, MSUS

Social Work - Standard Program, MSW

Urban and Environmental Planning, MUEP

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Economics, BS

Marketing, BS

Public Service and Public Policy (Law and Policy), BS

Sociology, BS

International Letters and Cultures (Arabic Studies), BA

Civil Engineering, BSE

Criminology and Criminal Justice, BS

Urban Planning, BSP

Business (Communication), BA

Economics, BS

Applied Biological Sciences (Preveterinary Medicine), BS

Business (Business Administration), BA

English (Literature), BA

Civil Engineering (Sustainable Engineering), BSE

Biological Sciences (Biomedical Sciences), BS

Business (Financial Planning), BA

Political Science, BA

History, BA

Business (Law), BA

Sustainability, BS

Culture, Technology and Environment, BA

Construction Management and Technology, BS

Sustainability, BA

Business (Information Security), BA

Public Service and Public Policy (Criminology), BS

Finance, BS

Business (Technology), BA

Biological Sciences (Biology and Society), BS

Business (Human Resources), BA

Applied Military and Veterans Studies, BA

Emergency Management and Homeland Security, BS

International Letters and Cultures, BA

International Letters and Cultures (Classics), BA

Public Service and Public Policy (Business), BS

Business (Public Service and Public Policy), BA

Organizational Leadership (Veterans, Society and Service), BA

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Organizational Leadership, BA

Business (Statistics), BA

Philosophy, BA

Justice Studies, BA

English (Writing, Rhetorics and Literacies), BA

Management, BS

Anthropology, BA

Philosophy (Science, Nature and Mind), BA

Political Science, BS

Global Health, BS

Economics (Politics and the Economy), BS

Criminology and Criminal Justice (Policing), BS

Justice Studies, BS

Molecular Biosciences and Biotechnology, BS

Biological Sciences (Conservation Biology and Ecology), BS

Business (Food Industry Management), BA

English (Narrative Studies), BA

Philosophy (Morality, Politics and Law), BA

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Applied Biological Sciences (Natural Resource Ecology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Tourism), BA

Business (Global Logistics Management), BA

Communication, BA

Business (Global Politics), BA

Applied Biological Sciences (Sustainable Horticulture), BS

Business (Language and Culture), BA

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

English (Linguistics), BA

Public Service and Public Policy (Sustainability), BS

Business (Sustainability), BA

Microbiology, BS

Health Sciences, BS

Organizational Leadership (Project Management), BA

Applied Biological Sciences, BS

International Letters and Cultures (Classical Civilization), BA

Communication, BS

Business (Health Care), BA

Biological Sciences, BS

Business (Agribusiness Innovation and Technology), BA

Business, BA

Business (Sports Business), BA

Public Service and Public Policy (Nonprofit Leadership and Management), BS

Global Health, BA

Public Service and Public Policy (American Indian Studies), BS

Anthropology, BS

Business (Corporate Accounting), BA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 503 Public Affairs (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives. Approved elective credit hours may include courses offered by the school or other academic units in the university.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science degrees, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from faculty members or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Fees increase after the deadline.

Students enrolling in MPA core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course, such as PAF 301 Applied Statistics and undergraduate coursework in American national government, such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission, but must be completed within one semester after starting the program. Students also may satisfy the American national government competency by successfully completing a noncredit online course offered by the School of Public Affairs to incoming students.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/mpa-public-administration) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/mpa
spa@asu.edu
602-496-0450

Public Policy (Environmental Policy), MPP (PPPUPEPMPP)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 10 for best graduate environmental policy and management program by U.S. News & World Report, 2024.

The Master of Public Policy program equips students with the analytical tools needed to understand and address public policy issues. Students also develop skills in managing the process of policy development, approval, implementation and evaluation.

Through a focused set of electives, the MPP concentration in environmental policy deepens student expertise in specific areas and issues, such as the implementation of sustainable practices in local governments, and builds the knowledge base and skills that enable them to bring sustainability solutions to the government, corporate and

nonprofit sectors.

At the conclusion of the master's degree program, students are prepared to apply sustainability principles and approaches to careers in a variety of fields that address environmental and, inevitably, human challenges.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)
PAF/SOS 545 Creating Sustainable Organizations (3)
PAF 546 Environmental Policy and Management (3)

Restricted Electives (6 credit hours)

Culminating Experience (3 credit hours)

PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should contact the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Related fields include political science, sustainability, planning, business, urban and metropolitan studies, and other social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Additional requirements for international students are at the international graduate admission (https://admission.asu.edu/apply/international/graduate) website.

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Fees increase after the deadline.

Students enrolling in MPP core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission but they must be completed within one semester after starting the program. Students may also satisfy the American national government competency by successfully completing a noncredit online course offered by the School of Public Affairs to incoming students.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have an understanding of policies that address issues such as poverty, education, the environment and public safety, and they are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst whose work in a local, state or federal agency; nonprofit organization; or private organization that interfaces with the public sector.

The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Public Policy (Certificate), Certificate (PPPUPGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

This certificate program in public policy is designed to give students analytical techniques and conceptual frameworks for understanding policy issues as well as for identifying potential solutions and applying these skills to relevant issues.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
PAF 505 Public Policy Analysis (3)
PAF 540 Adv Policy Analysis (3)
PAF 541 Program Evaluation (3)

Electives (6 credit hours)

Additional Curriculum Information
The electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure that they focus on a common theme and to see that the students' experiences in the courses align with the learning goals outlined for the certificate. For the electives, students select any two three-credit PAF courses that are 500-level.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B" in courses taken to complete the certificate program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• statement of career and educational goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Students from related fields (e.g., public administration, political science, planning, urban and metropolitan studies, sociology and other social science fields) might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines and admission terms.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Lead evidence-based efforts to solve public challenges within diverse and changing organizations and societies.
> Apply analytic techniques for developing, comparing and improving public policy solutions.

Career opportunities

Students who receive this certificate are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; nonprofit organizations; and private organizations that interface with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/

spa@asu.edu
602-496-0450

Public Policy (Policy Informatics), MPP (PPPUPPIMPP)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Master of Public Policy program equips students with the analytical tools they need to understand and address public policy issues. Students also develop skills in managing the process of policy development, approval, implementation and evaluation as well as gain policy-specific knowledge on issues such as poverty, education, the environment and public safety.

Through a focused set of electives, the policy informatics concentration provides knowledge and skills to students seeking careers in which they can use informatics tools, models and simulations to help individuals and groups deliberate and evaluate policy decisions and explore new governance infrastructures. Emphasis is placed on theories and research concerning decision-making, complexity theory and visualization of quantitative and qualitative information, collective intelligence, behavioral economics and persuasive technologies.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)

PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)

PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)
PAF 513 Foundations of Data Science I: Introduction to Data Programming in R (3)
PAF 516 Community Analytics (3)

Restricted Electives (6 credit hours)
PAF 514 Foundations in Data Science II: Data Wrangling (3)
PAF 515 Foundations in Data Science III: Project Management (3)
PAF 571 Geographic Information Systems (GIS) and Analysis (3)
PAF 582 E-public Administration (3)
PAF 591 Topic: Complexity in Public Policy and Management (3)
PAF 591 Topic: Introduction to Policy Informatics (3)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Related fields include political science, planning, business, urban and metropolitan studies as well as other social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Additional requirements for international students are at the international graduate admission (https://admission.asu.edu/apply/international/graduate) webpage.

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Application fees increase after the deadline.

Students enrolling in MPP core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission, but they must be completed within one semester after starting the program. Students may also satisfy the American national government competency by successfully completing a noncredit online course offered to incoming students by the School of Public Affairs.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst in a local, state or federal agency; nonprofit organization; or private organization that interfaces with the public sector.

The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Public Policy (Science and Technology Policy), MPP (PPPUPSTMPP)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Tempe

Program description

The Master of Public Policy program allows students to approach the study of public policy with a focus on public policy in the urban setting.

The program trains people to lead by making positive policy decisions; addressing the difficult questions associated

with public policy; and managing the process of policy creation, approval, implementation and evaluation. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety. At the conclusion of the program, students are able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods, and they're prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

The MPP program with a concentration in science and technology policy provides knowledge and skills for students seeking or advancing careers in areas in which science and technology are either guided by public policy or play an integral role in the policy process. This concentration emphasizes theories and research concerning the role of science in decision-making, complexity theory, institutional design of knowledge production organizations, national innovation systems, innovation and industrial policy, technology transfer and research evaluation.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Public Service and Public Policy (Criminology), BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)
HSD 501 Science and Technology Policy (3)
PAF 591 Topic: Innovation Policy and Management (3)

Restricted Electives (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Additional requirements for international students are at the international graduate admission (https://admission.asu.edu/apply/international/graduate) website.

Applicants may also submit a resume or other documents.

The letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages and describe the applicant's educational and career goals. The written statement is also used as a sample of the applicant's writing abilities.

Students enrolling in MPP core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission, but they must be completed within one semester after starting the program. Students may also satisfy the American national government

competency by successfully completing a noncredit online course offered to incoming students by the School of Public Affairs.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with this degree are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as either a manager or policy analyst in a local, state or federal agency; nonprofit organization; or private organization that interfaces with public sectors.

The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Public Policy, MPP (PPPUBPMPP)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 17 for best graduate public policy analysis program by U.S. News & World Report, 2024.

The Master of Public Policy program equips students with the analytical tools they need in order to understand and address public policy issues. Students also develop skills in managing the process of policy development, approval, implementation and evaluation, as well as gain policy-specific knowledge on issues such as poverty, education, the environment and public safety.

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Criminology and Criminal Justice, MS

Sustainability Solutions, MSUS

Urban and Environmental Planning, MUEP

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Service and Public Policy (Law and Policy), BS

Criminology and Criminal Justice, BS

Political Science, BA

Public Service and Public Policy (Criminology), BS

Emergency Management and Homeland Security, BS

Public Service and Public Policy (Business), BS

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Political Science, BS

Criminology and Criminal Justice (Policing), BS

Public Service and Public Policy (Health Policy), BS

Public Service and Public Policy, BS

Public Service and Public Policy (Sustainability), BS

Public Service and Public Policy (American Indian Studies), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

42 credit hours including the required capstone course (PAF 509)

Required Core (27 credit hours)
PAF 501 Public Service Research I (3)
PAF 502 Public Service Research II (3)
PAF 504 Microeconomics of Public Policy I (3)
PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate coursework
• two letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. Additional requirements for international students are available on the Admission Services website (https://admission.asu.edu/apply/international/graduate).

The letters of recommendation must be from faculty or other academic staff who can evaluate applicant's academic performance.

The one- to two-page written statement should state the applicant's educational and career goals; it also is used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Fees increase after the deadline.

Students enrolling in MPP core courses must demonstrate minimum competency in statistics and American government, typically through the completion of an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Completion of prerequisite courses is not a requirement for admission, but they must be completed within one semester after starting the program. Students may also satisfy the American national government competency by successfully completing a noncredit online course offered to incoming students by the School of Public Affairs.

Applicants should email spa@asu.edu (mailto:spa@asu.edu) if they have questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of this degree program are prepared for professional careers as policy analysts and leaders in public service involved in the creation and management of public policy at all levels of government and in the private and nonprofit sectors. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; in nonprofit organizations; and in private organizations that interface with public sectors.

The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA (PPPSEMMPSL)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Public Safety Leadership and Administration degree program is designed primarily for public safety professionals. An advanced degree is an important key to career progression within public safety administration. Those with an advanced degree have a significant advantage --- a practical understanding of public safety organization administration --- when they seek to progress in their profession.

The emergency medical services mobile integrated healthcare concentration provides the foundation for leadership and administration of EMS organizations. This program takes a multiprofessional approach to administration of EMS organizations and encompasses public policy and administration, organizational management and leadership, finance and data analysis. Students develop a solid foundation of knowledge and skills on which to build success within the field of EMS administration.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (CRJ 593)

Required Core (15 credit hours)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 574 Executive Leadership Principles in Public Safety (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (9 credit hours)
CRJ 571 Foundations of Emergency Medical Services (3)
CRJ 572 Community Paramedicine: Mobile Integrated Health Care (3)
HCD 502 Foundations of U.S. Health Systems and Design (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CRJ 593 Applied Project (3)

Additional Curriculum Information
Students choose two courses from a restricted list or any graduate-level CPP or PAF course, with program approval, for the electives or research credits.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written statement
• evidence of current employment in an organization in the field of the degree program or concentration, or at least two years of professional experience in the field of the chosen degree program or concentration
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be one or two pages and describe prior education, relevant professional experience and career goals, and explain how the criminal justice program will help them attain their career goals. The statement should explicitly explain how their plans are consistent with the role and mission of the School of Criminology and Criminal Justice at ASU. It is recommended that applicants who feel they are weak in a particular area or admission requirement address their plan to remedy any shortcomings if they are granted provisional admission to the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-emergency/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Critically integrate theoretical perspectives on leadership into the planning and evaluation of public safety programs.

Demonstrate the essential qualifications for employment in public safety leadership roles by applying their foundational knowledge of organizational leadership and administration to a final written project.
Demonstrate the ability to effectively manage employees, multi-agency partnerships and organizational change efforts in emergency medical service agencies.

Career opportunities

With the MPSLA degree from ASU, graduates are in a position to lead and improve EMS teams in mobile integrated health care. They have knowledge and skills that uniquely qualify them for leadership positions in different types of EMS agencies, such as hospitals, public health departments and managed care organizations. Graduates should expect to find employment and advancement in all levels of government agencies and in the private sector.

Specific career opportunities include:

ambulance dispatcher
emergency medical technician
firefighter
medical assistant
paramedic

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPPSEMMPSL/graduate/false/2
idpadvising@asu.edu
602-496-0485

Public Safety Leadership and Administration (Executive Fire Administration), MPSLA (PPPSEFMPSL)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Public Safety Leadership and Administration program with a concentration in executive fire administration prepares students to handle the challenges facing chief officers. Through coursework in strategic planning, public policy and administration, leadership and organizational management, data analysis, finance and technology, students develop a solid foundation of knowledge and skills on which to build success within the fire service.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (CRJ 593)

Required Core (15 credit hours)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 574 Executive Leadership Principles in Public Safety (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (9 credit hours)
CRJ 570 Leadership for Innovation in Public Fire Services (3)
CRJ 573 Emergency Services: Operations Analysis and Planning (3)

PAF 560 Community Resilience (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CRJ 593 Applied Project (3)

Additional Curriculum Information
Students choose two courses from a restricted list or any graduate-level CPP or PAF course, with program approval, for the electives or research credits.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written personal statement
• evidence of current employment in an organization in the field of the degree program and concentration or at least two years of professional experience in the field of the chosen degree program and concentration
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be one or two pages and describe the applicant's prior education, relevant professional experience and career goals, and explain how the criminal justice program will help them attain their career goals. The statement should explicitly explain how their plans are consistent with the role and mission of the School of Criminology and Criminal Justice at ASU.

It is recommended that applicants who feel that they are weak in a particular area or admission requirement address their plan to remedy any shortcomings if they are granted provisional admission to the degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-executive-fire/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically integrate theoretical perspectives on leadership into the planning and evaluation of public safety programs.
Demonstrate the essential qualifications for employment in public safety leadership roles by applying their foundational knowledge of organizational leadership and administration to a final written project.
Demonstrate the ability to effectively manage organizational operations and change efforts in fire services.

Career opportunities

Graduates with a concentration in fire administration are well-equipped to drive innovation from the upper levels of fire service in federal, state and local fire departments and emergency management agencies. They should expect to find employment and advancement in all levels of government agencies as well as in the private sector.

Career examples include:

firefighter supervisor
fire inspector
fire investigator
fire prevention and protection engineer
municipal firefighter

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPPSEFMPSL/graduate/false/2
idpadvising@asu.edu
602-496-0485

Public Safety Leadership and Administration (Executive Police Administration), MPSLA (PPPSEPMPSL)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Public Safety Leadership and Administration degree program is designed primarily for public safety professionals. This advanced degree offers those who wish to progress in their career within public safety administration an important advantage: a practical understanding of public safety organization administration.

This graduate program, through its accomplished faculty and intricately connected curriculum, endeavors to advance students' leadership, policy and administrative acumen.

The executive police administration concentration program provides law enforcement professionals with the highly specialized knowledge and practical skills required to rise to leadership positions in a law enforcement organization. This program enhances the leadership, management and administrative skills and the knowledge and ability of present and future senior and midlevel managers, and it addresses the critical areas in the management of a contemporary law enforcement agency.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (CRJ 593)

Required Core (15 credit hours)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 574 Executive Leadership Principles in Public Safety (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (9 credit hours)
CRJ 512 Seminar in Policing (3) or CRJ 527 Police Accountability (3)

CRJ 515 Seminar in Women and Crime (3) or CRJ 518 Seminar on Race/Ethnicity, Crime and Justice (3)
CRJ 516 Seminar in Criminal Justice Organization and Management (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CRJ 593 Applied Project (3)

Additional Curriculum Information
Students choose one course from a restricted list or any graduate-level CPP, CRJ or PAF course, with program approval, for the electives or research credit.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• two letters of recommendation
• written statement
• evidence of current employment in an organization in the field of the degree program or concentration, or at least two years of professional experience in the field of the chosen degree program or concentration
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The written statement should be one to two pages and describe the applicant's prior education, relevant professional experience and career goals, and it should explain how the criminal justice program will help them attain their career goals. The statement should explicitly explain how the applicant's plans are consistent with the role and mission of the School of Criminology and Criminal Justice at ASU. It is recommended that applicants who feel they are weak in a particular area or in an admission requirement address their plan to remedy any shortcomings if they are granted provisional admission to the degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-executive-police/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically integrate theoretical perspectives on leadership into the planning and evaluation of public safety programs.
Demonstrate the essential qualifications for employment in public safety leadership roles by applying their foundational knowledge of organizational leadership and administration to a final written project.
Demonstrate the ability to effectively manage employees and change efforts in police organizations.

Career opportunities

Graduates are equipped to perform managerial duties in federal, state, local, territorial and tribal law enforcement agencies. They also are prepared for roles in probation and parole, child support services, homeland security and allied security professions. Graduates should expect to find employment and advancement in all levels of government agencies and in the private sector.

Career examples include:

chief of police
first-line police supervisor
police detective
police dispatcher
special agent

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPPSEPMPSL/graduate/false/2
idpadvising@asu.edu
602-496-0485

Public Safety Leadership and Administration, MPSLA (PPPSLAMPSL)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Master of Public Safety Leadership and Administration degree program is designed around the needs of public safety professionals.

This master's degree program, with accomplished faculty and an intricately connected curriculum, endeavors to advance students' leadership and policy and administrative acumen. Students gain skills in data analysis, organizational management and leadership, and public policy and administration.

Graduates possess a practical understanding of public safety organization administration.

STEM-OPT extension eligible: No

Degree requirements

33 credit hours including the required applied project course (CRJ 593)

Required Core (15 credit hours)
CRJ 510 Criminal Justice Planning and Program Evaluation (3)
CRJ 574 Executive Leadership Principles in Public Safety (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
CRJ 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for the approved elective course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, environmental sciences or geography, public

health, or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• two letters of recommendation
• written personal statement
• evidence of current employment in an organization in the field of the degree program or concentration, or at least two years of professional experience in the field of the chosen degree program or concentration
• resume or curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency

The written statement should be one to two pages and describe the applicant's prior education, relevant professional experience and career goals, and explain how the criminal justice program will help them attain their career goals. The statement should explicitly explain how the applicant's plans are consistent with the role and mission of the School of Criminology and Criminal Justice at ASU. It is recommended that applicants who feel they are weak in a particular area or admission requirement address their plan to remedy any shortcomings if they are granted provisional admission to the degree program.

Admission examinations are not required.

Current employment in an organization in public safety, at least two years of prior professional experience in this or a related field, or a bachelor's degree in a related area is required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-public-safety-leadership-and-administration/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically integrate theoretical perspectives on leadership into the planning and evaluation of public safety programs.
Demonstrate the essential qualifications for employment in public safety leadership roles by applying their foundational knowledge of organizational leadership and administration to a final written project.
Demonstrate the ability to effectively manage employees and change efforts in public safety organizations.

Career opportunities

An advanced degree is increasingly important for career progression within public safety administration.

Graduates of this program are prepared for pursuit of management, leadership and administrative career paths in all levels of government and public safety agencies and organizations, such as the police force, hospitals and rescue services, and the fire department, as well as in private sector organizations.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPPSLAMPSL/graduate/false/2
idpadvising@asu.edu
602-496-0485

Social Entrepreneurship and Community Development (certificate), Certificate (PPSECDGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The social entrepreneurship and community development graduate certificate program can be seamlessly added to an ASU master's degree program, broadening students' expertise and career prospects. It is ideal for students in nonprofit leadership, public policy, innovation and related fields, enhancing their academic portfolio.

Students learn to harness entrepreneurial opportunities to create impactful solutions for societal challenges. They combine social entrepreneurship with community and social innovation for a comprehensive understanding of capacity-building. By focusing on positive change, students equip themselves with the skills to foster meaningful change in organizations, communities and societies.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
NLM 562 Social Entrepreneurship (3)
NLM 572 Community and Social Innovations (3)

Electives (9 credit hours)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

In addition to TOEFL iBT® (taken in a testing center) or IELTS scores, international applicants are also required to submit a financial guarantee statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-social-entrepreneurship-community-development/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Articulate their understanding of the concepts of social entrepreneurship and social innovation through discussion, readings, individual research and writing.
> Apply class concepts through written analyses of organizations practicing community development, social entrepreneurship and social enterprise.

Career opportunities

Social entrepreneurship is at the leading edge of public, private and nonprofit innovation. Career options include executive officers, administrative officers, financial officers and foundation officers.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
idpadvising@asu.edu
602-496-1019

Social Work (Policy, Administration and Community Practice), MSW (PPCPDTMSW)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

Students in the policy, administration and community practice specialization of the Master of Social Work program

learn skills to intervene across the macro level of society: in systems, institutions, agencies, organizations, laws, policies, programs and communities. Students complete a practicum in a government, nonprofit, social service, advocacy and policy, or research agency.

The advanced standing MSW is designed to be completed inperson, in an accelerated and intensive one-year format.

The MSW degree is accredited by the Council on Social Work Education and certified by the Network for Social Work Management.

STEM-OPT extension eligible: No

Degree requirements

39 credit hours and a portfolio, or
39 credit hours and a thesis

Required Core (3 credit hours)
SWG 514 Bridge Seminar I (3)

Other Requirements (6 credit hours)
SWG 515 Bridge Seminar II (3)
SWG 516 Social Work Skills Seminar (3)

Concentration (21 credit hours)
SWG 623 Program Evaluation (3)
SWG 632 Policy Practice (3)
SWG 643 Advanced Practicum: Planning, Social Work Administration and Community Practice I (3)
SWG 644 Advanced Practicum: Planning, Social Work Administration and Community Practice II (3)
SWG 681 Leadership and Administration (3)
SWG 682 Community Participation Strategies (3)
SWG 685 Program Planning in Social Services (3)

Electives (3 or 9 credit hours)

Culminating Experience (0 or 6 credit hours)
SWG 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information
Students must start the program in summer for a total of nine credit hours. The nine credit hours of summer courses are offered in the Downtown Phoenix and Tucson campuses only. The remainder of the program is completed within two semesters (one academic year).

Students complete their practicum during the fall and spring semesters.

Students on the 39 credit hour path have an undergraduate Council on Social Work Education-accredited BSW in social work or equivalent degree with a GPA of 3.20 in their junior and senior year, within the last six years.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

The amount of elective coursework allowed depends on the credit hour path chosen and the culminating experience selected; students who choose the portfolio option have nine credit hours of electives, and students who choose the thesis option have three credit hours of electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the BSW (junior and senior GPA). Applicants must have received their BSW degree no more than six years prior to the date of admission to the MSW program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate work
• three letters of reference
• professional resume that includes volunteer and paid work experience
• statement of educational and career goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's BSW practicum instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

Guidelines for writing the statement can be found on the program website (https://socialwork.asu.edu/content/msw-application-proceduresmaterials). Applicants should also see the program website for application deadlines.

Students should contact the School of Social Work with any questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Advance human rights, and social, racial and economic justice.
Assess individuals, families, groups and communities.
Demonstrate ethical and professional behavior.

Career opportunities

The program prepares professional social workers for leadership in social change.

Graduates work for social justice and human rights through building sustainable systems that support peoples' social well-being, often by addressing the root causes of social problems and by reforming unjust policies. Policy, administration and community practice roles include program planning and evaluation; policy development and

analysis; political advocacy and lobbying; organizational leadership, management and supervision; grant writing; community development; building and organizing social movements.

Career examples include:

community advocate
community organizer
grant and fund developers
nonprofit leadership and management
policy analyst
social services administration

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPCPDTMSW/graduate/false/2
mswadvising@asu.edu
602-496-0800

Social Work - Advanced Standing - Advanced Generalist, MSW (PPASWMSW)

College/School: Watts College of Public Service & Community Solut

Campus: West Valley, ASU at Yuma, Online

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

The advanced standing advanced generalist specialization of the Master of Social Work program builds on mastery of the generalist foundation to increase the depth and breadth of practice. It is designed in an accelerated and intensive one-year format.

Students learn both the micro skills of direct practice and macro skills of community development. Advanced generalist faculty emphasize the distinct characteristics of social work services helpful in both nonprofit settings and the small and rural community context.

The MSW program is consistent with the purpose of the social work profession to alleviate human suffering, enhance well-being and promote social justice with an emphasis on Southwest populations.

The program is accredited by the Council on Social Work Education.

STEM-OPT extension eligible: No

Degree requirements

39 credit hours including the required applied project course (SWG 693)

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3) or
SWG 514 Bridge Seminar I (3)

Advanced Generalist Coursework (30 credit hours)
SWG 515 Bridge Seminar II (3)
SWG 516 Social Work Skills Seminar (3)
SWG 606 Assessment of Mental Disorders (3)
SWG 610 Advanced Social Work Practice III (3)
SWG 614 Advanced Generalist Social Work Practice IV (3)
SWG 623 Program Evaluation (3)
SWG 632 Policy Practice (3)
SWG 640 Professional Seminar II: Applying Theory to Advanced Generalist Social Work Practice (3)
SWG 645 Advanced Generalist Practicum I (3)
SWG 646 Advanced Generalist Practicum II (3)

Restricted Electives (3 credit hours)

Culminating Experience (3 credit hours)
SWG 693 Applied Project (3)

Additional Curriculum Information
Students in this program hold an undergraduate Council on Social Work Education-accredited Bachelor of Social Work or equivalent degree.

The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

Students complete a practicum and an applied project.

Advanced generalist and other requirement coursework may be substituted with approval of the academic unit.

The number of credit hours required for restricted electives depends on the credit hour path chosen. Students should see the academic unit for a complete list of approved electives.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the BSW (junior and senior GPA). Applicants must have received their BSW degree no more than six years prior to the date of admission to the MSW program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate work
• three letters of reference
• professional resume that includes volunteer and paid work experience
• statement of educational and career goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's BSW practicum instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

Guidelines for writing the statement can be found on the program website (https://socialwork.asu.edu/content/msw-application-proceduresmaterials).

Applicants should see the program website for application deadlines, and they should contact the School of Social Work with any questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/msw-advanced-standing-advanced-generalist/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Plan, implement and evaluate evidence-based interventions
Apply professional social work theories to working with diverse, oppressed and marginalized populations in both micro and macro practice
Apply professional values and ethics during the advanced generalist internship

Career opportunities

Graduates are prepared to be practitioners who deliver culturally competent, ethical interventions that range from complex case management and practice with individuals (micro); families and groups (mezzo); to affecting social change by developing skills in organization, administration, policy development and community practice (macro).

Career examples include:

community outreach coordinator
hospital or school social worker
mental health advocate
program specialist
social services manager or director

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPASWMSW/graduate/false/2
mswadvising@asu.edu
602-496-0800

Social Work (Advanced Direct Practice), MSW (PPAPDTMSW)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, ASU at Tucson

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

The advanced direct practice specialization of the Master of Social Work program offers students four areas of practice, including children, youth and families; health; behavioral health; and child welfare. This program is designed to be completed in-person, in an accelerated and intensive, one-year format.

Across all areas, the curriculum is guided by social work values that emphasize evidence-based practice, client strengths, social justice and client empowerment. The primary curriculum goal of the MSW program is to educate advanced social work practitioners who demonstrate the knowledge, skills, values and ethics of the profession and who are competent for specialized practice.

Students learn how to diagnose and assess mental health conditions, create treatment plans, and provide appropriate interventions in a variety of clinical and community settings.

This program is accredited by the Council on Social Work Education.

STEM-OPT extension eligible: No

Degree requirements

39 credit hours including the required capstone course (SWG 621), or
51 credit hours including the required capstone course (SWG 621), or
60 credit hours including the required capstone course (SWG 621), or
60 credit hours including the required capstone course (SWG 621) (MSW/MPA concurrent degree)

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3) or
SWG 514 Bridge Seminar I (3)

Advanced Direct Practice Concentration (12 credit hours)
SWG 606 Assessment of Mental Disorders (3)
SWG 619 Practice-oriented Research (3)
SWG 641 Advanced Practicum: Direct Practice I (3)
SWG 642 Advanced Practicum: Direct Practice II (3)

Specialization (6 credit hours)

Restricted Electives (15-36 credit hours)

Culminating Experience (3 credit hours)
SWG 621 Integrative Seminar (3)

Additional Curriculum Information

Students on the 39 credit hour path already hold an undergraduate Council on Social Work Education-accredited BSW in social work with a GPA of 3.20 in their junior and senior year within the last 6 years.

Students on the 51 credit hour path hold an undergraduate CSWE-accredited BSW degree.

The students on the 60 credit hour path have an undergraduate degree that is not directly in social work or community advocacy. Students in this path may need to take foundation coursework as part of their elective coursework to satisfy CSWE requirements. Students should see the academic advisor when selecting courses.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

Students select from specializations in:

• children, youth and families
• health, behavioral health
• public child welfare

The amount of restricted elective coursework depends on the credit hour path selected based on the student's background. Students should see the academic unit for a complete list of approved specialization and elective coursework.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the BSW (junior and senior GPA). Applicants must have received their BSW degree no more than six years prior to the date of admission to the MSW program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate work
• three letters of reference
• professional resume that includes volunteer and paid work experience
• statement of educational and career goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's BSW practicum instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

Guidelines for writing the statement can be found at the program website (https://socialwork.asu.edu/content/msw-

application-proceduresmaterials).

For questions about the application process, students should contact the School of Social Work.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Plan, implement and evaluate evidence-based interventions
Apply knowledge of human behavior in the social environment when working with individuals, families and groups
Apply professional values and ethics during the advanced direct practice practicum

Career opportunities

Graduates have the preparation they need to work with individuals, families and small groups. They work in areas such as adult and juvenile corrections, behavioral health, homeless services, mental health organizations, schools, nonprofits and government agencies, and gerontology services.

Career examples include:

counselor
group therapy clinician
hospital or school social worker
individual counselor
mental health service professional
outreach coordinator or shelter director
wellness programmer

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPAPDTMSW/graduate/false/2
mswadvising@asu.edu
602-496-0800

Social Work, MSW (PPSWDMSW)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, ASU Sync, ASU at Tucson, Online

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

The first half of the standard program focuses on curriculum and gaining skills that build a foundational knowledge in social work. The second half of the program allows students to build specialized practice knowledge in advanced direct practice; policy, administration and community; and advanced generalist social work practice.

The standard Master of Social Work program can be completed over the course of two or three years.

The MSW program is accredited by the Council on Social Work Education.

ASU Sync
Students on F-1 or J-1 immigration status are not permitted to complete courses via ASU Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Concurrent program options

Students can choose to create their own concurrent degree combination to match their interests by working with their academic advisor during or after their first semester of study. Some concurrent combinations are not possible due to high levels of overlap in curriculum; students should speak with their academic advisor for more details.
This degree is also offered as a concurrent program with the following:

Juris Doctor, JD

Public Administration, MPA

American Indian Studies (Indigenous Rights and Social Justice), MS

Degree requirements

51 credit hours and a portfolio, or
51 credit hours and a thesis, or
51 credit hours including the required applied project course (SWG 593 or SWG 693), or
51 credit hours including the required capstone course (SWG 621), or
54 credit hours and a portfolio, or
54 credit hours and a thesis, or
54 credit hours including the required applied project course (SWG 593 or SWG 693), or
54 credit hours including the required capstone course (SWG 621), or
57 credit hours and a portfolio, or
57 credit hours and a thesis, or
57 credit hours including the required applied project course (SWG 593 or SWG 693), or
57 credit hours including the required capstone course (SWG 621), or
60 credit hours and a portfolio (MSW/MPA concurrent degree), or
60 credit hours and a thesis (MSW/MPA concurrent degree), or
60 credit hours including the required applied project course (SWG 593 or SWG 693) - Advanced Generalist Track, or
60 credit hours including the required capstone course (SWG 621) (MSW/MPA concurrent degree)

STANDARD PROGRAM (campus immersion):

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3)

Foundation Coursework (18 to 27 credit hours)
SWG 501 Human Behavior and the Social Environment I (3)
SWG 502 Human Behavior and the Social Environment II (3)
SWG 511 Foundation Practice II (3)
SWG 519 Research Methods in Social Work (3)
SWG 531 Social Policy and Services (3)
SWG 533 Diversity, Oppression and Social Justice in Social Work (3)
SWG 541 Generalist Practicum I (3)
SWG 542 Generalist Practicum II (3)
SWG 585 Macro Social Work Practice (3)

Restricted Electives (21 to 27 credit hours)

Other Requirements (3 credit hours)
SWG 610 Advanced Social Work Practice III (3) or
SWG 619 Practice-Oriented Research (3) or
SWG 623 Program Evaluation (3)

Culminating Experience Options (0 to 6 credit hours)
portfolio (0) or
SWG 593 Applied Project (3) or
SWG 599 Thesis (6) or
SWG 621 Integrative Seminar (3) or
SWG 693 Applied Project (3)

ADVANCED GENERALIST TRACK (digital immersion):

Required Core (3 credit hours)
SWG 510 Foundation Practice I (3)

Advanced Generalist Track Coursework (54 credit hours)

Culminating Experience Options (3 credit hours)
SWG 593 Applied Project (3) or
SWG 693 Applied Project (3)

Additional Curriculum Information
Students on the 51, 54 and 57 credit hour paths have an undergraduate Council on Social Work Education-accredited Bachelor of Social Work in social work degree or Bachelor of Arts degree in community advocacy and social policy. Path selection depends on the student's educational background. Students are to consult an academic advisor in the unit.

The 60 credit hour advanced generalist track is the digital immersion option. These students have a bachelor's or master's degree from a regionally accredited institution. Students in the 60 hour path must take foundation year coursework in restricted electives per CSWE accreditation standards.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. A student interested in moving to a concentration should notify the academic advisor prior to submitting their iPOS. The academic unit advises and monitors students to ensure they choose the appropriate coursework.

The number of credit hours required for restricted electives depends on the credit hour path chosen and the culminating experience. Students should see the academic unit for a complete list of approved electives.

The foundation year includes basic courses in direct practice, organizational and community change, social policy,

human behavior and research. Foundation coursework is selected in consultation with the academic advisor. Students are required to complete two practicums: a foundation practicum placement (480 hours) and a specialization practicum placement (480 hours) in a different setting.

Other requirement coursework may be substituted with approval of the academic unit.

The program may be completed within four semesters (two years) or six semesters (three years).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a closely related field from a regionally accredited institution.

The School of Social Work requires one of the following:

• BSW from a Council on Social Work Education-accredited school of social work
• liberal arts undergraduate degree
• undergraduate degree with 30 credit hours in liberal arts courses at the undergraduate or graduate level

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate work
• three professional or academic references
• professional resume that includes volunteer and paid work experience
• personal statement that includes educational and career goals
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's BSW field instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

The applicant's professional resume should include both work and volunteer experience in social service organizations. In order to be considered for possible admission, applicants who do not have work experience in social service organizations are required to have a minimum of 240 hours of volunteer experience in the social services over a six-month period in the five years immediately preceding application.

Guidelines for writing the statement of educational and career goals can be found at the program website (https://socialwork.asu.edu/content/msw-application-proceduresmaterials). If the applicant does not meet the minimum GPA requirements, the application may still be considered for admission to the program.

Test scores from either the GRE or the Miller Analogies Test are required only if the applicant's junior and senior GPA was below a 3.20 (scale is 4.00 = "A"). ASU does not accept the GRE® General Test at home edition.

Students should see the program website for application deadlines.

Three-year program
Students interested in this option must specifically apply to the part-time program and complete it in accordance with the plan developed to finish the degree in three years.

Transfer credit
Any transfer work is reviewed and approved in accordance with Graduate College policy. Transfer work must have been completed within three years of the semester and year of admission to the Master of Social Work degree program at ASU with a grade of "A" (scale is 4.00 = "A") or better.

Exemptions
Courses must have been completed within three years of the admit term of the MSW degree. Grades received must be an "A-" or better. A letter of good standing is required from the institution where students have taken the coursework. Course equivalencies from outside of ASU are reviewed by the MSW program coordinator. Courses identified as required core and culminating experiences in the breakdown of requirements cannot be substituted.

Concurrent degrees are currently unavailable for the online MSW degree program.

Students should contact the School of Social Work with any questions about the application process.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-social-work-social-work/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Identify and apply advocacy concepts and methods that support and advance social, economic and environmental justice.
Apply professional social work theories to working with diverse, oppressed and marginalized populations in both micro and macro practice.
Apply professional values and ethics during the advanced generalist internship.

Career opportunities

There are many paths within social work that graduates can pursue. Career examples include:

adult and juvenile correction social worker
behavioral health hospital social worker
community organizer
gerontology services patient coordinator
group and individual clinician
homeless services outreach coordinator or shelter director

policy analyst
program director and grant writer
school social worker
social services or nonprofit administrator

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPSWDMSW/graduate/false/2
mswadvising@asu.edu
602-496-0800

Social Work, PHD (PPSW2PHD)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 20 for best graduate social work programs by U.S. News & World Report, 2024.

The purpose of the Doctor of Philosophy program in social work is to train future social work scholars --- social work professionals engaged in research, teaching and service.

Supplementary to the coursework, this doctoral program offers students opportunities to be actively involved in both research and teaching. Students benefit from the close mentorship of the committed faculty and regular partnerships with many internal research centers and offices. Students also have valuable opportunities to develop a teaching portfolio, positioning them to succeed in academic careers.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Social Work Courses (12 credit hours)

Research Methods and Statistics (12 credit hours)

Directed Electives (33 credit hours)

Theory (3 credit hours)

Research (12 credit hours)
SWG 792 Research (12)

Culminating Experience (12 credit hours)
SWG 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. The number of credit hours required for directed electives depends on approval of the number of blanket hours from a previously awarded master's degree.

The doctoral program requires students to take a minimum of 36 course credit hours beyond the Master of Social Work, in addition to the required 24 credit hours of research and dissertation; 84 credit hours are required beyond the bachelor's degree. Students may need to take additional coursework to achieve the competency requirements set by the program or by their graduate supervisory committees.

Students develop their plan of study in consultation with the graduate supervisory committee. Required social work courses must be 700 level and approved by the doctoral program committee. Students should see the academic unit for approved course lists and other requirements for research methods and statistics courses, electives and theory coursework.

Once the student has completed the 36 minimum course credit hours, they are required to register for 12 hours of SWG 792 Research before the defense of the prospectus, and 12 hours of SWG 799 Dissertation after the prospectus defense. The student must be registered for at least one credit hour during the semester, including summer, when they do their dissertation proposal defense. At least one of the dissertation hours must be taken in the semester during which the student expects to defend the dissertation.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in social work or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts of all undergraduate and graduate work
• curriculum vitae or resume
• personal statement
• three letters of reference
• required writing sample: social problem essay
• optional writing sample
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Admission to the doctoral program in the School of Social Work is based on the following criteria:

• an MSW degree from an accredited school of social work, preferably with two or more years of postdegree employment in human services

• experience in social work teaching or research and other scholarly activities
• experience with diverse populations
• goodness-of-fit with program goals
• good professional standing
• undergraduate and graduate GPA
• quality and extensiveness of social work experience
• research potential and creativity as demonstrated in requested essays and references

Though an MSW degree is preferred, exceptions may be made for students with a Bachelor of Social Work from an accredited school of social work and a master's degree in a related field, and for students from countries without accreditation.

Applicants have the option of submitting a sample of their written work. Examples include a refereed journal article, a class paper and a professional report (such as one might write in an agency setting). The writing sample should illustrate the applicant's ability to succeed in the doctoral program. Guidelines for writing the statement can be found at the program website (https://socialwork.asu.edu/content/application-and-admission).

All required admission materials are submitted directly to ASU Admission Services (https://admission.asu.edu/apply/graduate). Students should contact the School of Social Work at 602-496-0800 with any questions about the application process.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will develop an individual teaching philosophy for social work education.
Students will apply knowledge of research methods to an area of social work scholarship.
Students will develop a research proposal in an original area of social work scholarship.

Career opportunities

Graduates are prepared to enter careers in applied research that enhance human well-being, particularly among oppressed and vulnerable populations, and to educate the next generation of social workers.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/PPSW2PHD/graduate/false/2
sswphd@asu.edu
602-496-0800

Sustainable Tourism (certificate), Certificate (PPSTGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The graduate certificate in sustainable tourism is intended for professionals who work in or desire to work in the tourism industry.

Students in this program explore the practices of managing and developing sustainable tourism businesses and destinations. They learn numerous strategies and tools for identifying and building innovative tourism products and experiences, as well as minimizing adverse impacts so that these attractions remain viable and sustainable for their host communities.

Students who complete the certificate have acquired knowledge in topics such as the integration of economic, social and environmental aspects of sustainability as it relates to tourism; conducting sustainability audits for destinations and businesses; community impacts of tourism; and sustainable destination and business planning and management.

STEM-OPT extension eligible: No

Degree requirements

18 credit hours

Required Core (15 credit hours)
TDM 520 Sustainable Thinking in Tourism I (3)
TDM 521 Sustainable Thinking in Tourism II (3)
TDM 530 Sustainable Tourism Destination Planning and Management I (3)
TDM 531 Sustainable Tourism Destination Planning and Management II (3)
TDM 570 Sustainable Tourism (3)

Electives (3 credit hours)
TDM 540 Sustainable Food Management in Tourism (3) or
TDM 550 Managing the Sustainable Tourism Business (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-sustainable-tourism/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Demonstrate knowledge of the dominant concepts and practices in sustainable tourism.
> Analyze existing examples of sustainable tourism by offering suggestions and solutions through research-backed support.

Career opportunities

This certificate is beneficial to students or professionals who are interested in advancing their profiles in the tourism field and to those who are seeking a career change.

The certificate allows graduates enhanced recognition and credentials in an area experiencing a great deal of interest and growth. They can further enhance their careers by obtaining an advanced degree specific to sustainability practices in tourism.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/graduate-certificates/majorinfo/PPSTGRCT/graduate/true/27
IDPAdvising@asu.edu
602-496-1019

Sustainable Tourism, MST (PPSUSTMST)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

Students in the Master of Sustainable Tourism program gain a well-rounded understanding of the environmental, economic and social dimensions of tourism. The program integrates the three pillars of sustainability into established tourism theories and concepts to create a holistic curriculum.

Students focus on sustainability, exploring innovative solutions for sustainable development in the tourism sector and addressing contemporary challenges. They learn effective strategies and tools to create innovative tourism products and experiences while minimizing negative impacts. Through a community-centric approach, students ensure resources and opportunities remain viable and sustainable for host communities, promoting long-term benefits.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Tourism and Recreation Management, BS

Tourism Development and Management, BS

Tourism Development and Management (Sustainable Tourism), BS

Tourism Development and Management (Meetings and Events), BS

Tourism Development and Management (Resort and Hotel Leadership), BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

31 credit hours including the required applied project course (TDM 593)

Required Core (24 credit hours)
CRD 569 Advanced Tourism and Recreation Studies (3)
TDM 520 Sustainable Thinking in Tourism I (3)
TDM 521 Sustainable Thinking in Tourism II (3)
TDM 530 Sustainable Tourism Destination Planning and Management I (3)
TDM 531 Sustainable Tourism Destination Planning and Management II (3)
TDM 540 Sustainable Food Management in Tourism (3)
TDM 550 Managing the Sustainable Tourism Business (3)
TDM 570 Sustainable Tourism (3)

Electives or Research (3 credit hours)

Culminating Experience (4 credit hours)
TDM 593 Applied Project (4)

Additional Curriculum Information
One elective or research course is selected from an approved list for three credit hours. Students should contact the academic unit for a list of possible courses. Other courses may be used with approval from the academic unit.

Students complete an applied project that may consist of a sustainable tourism development plan for a community, a thorough sustainability audit of a tourism business, or other project as approved by the faculty advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as tourism, recreation, hospitality, business, geography or planning from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's

degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional statement
• resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

In addition to submitting TOEFL or IELTS scores, international applicants are also required to submit a financial guarantee statement.

Letters of recommendation should be from current or former employers, current or former faculty members, or others who are familiar with the applicant's scholarly and professional abilities and characteristics. The names, email addresses, titles and organizations of those from whom the student is requesting recommendations are also required.

A written professional statement describing the applicant's purpose in pursuing the master's degree is to be submitted online. In addition, a current resume that outlines previous professional activities is required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-sustainable-tourism/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate strong critical thinking skills to be able to take into account the complexities of sustainable tourism issues.
Analyze existing examples of sustainable tourism by offering suggestions and solutions through research-backed support.
Develop the ability to engage with diverse stakeholders for positive impact in sustainable tourism.

Career opportunities

The sustainable tourism degree is useful to industry professionals who are interested in advancing their profiles, as well as those who are interested in changing their careers. Graduates are prepared to meet the increasing demand for people trained in sustainability practices and the application of those practices in tourism.

Career examples include:

destination planners and managers
recreation managers

sustainable food managers
tourism planners

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
idpadvising@asu.edu
602-496-0915

Trauma and Bereavement (certificate), Certificate (HSCTBGRCT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

ASU ranks No. 20 for best graduate social work program by U.S. News & World Report, 2024.

There is a growing need in society for health care workers and clinicians to be better prepared to help clients and patients experiencing trauma.

The School of Social Work graduate certificate program in trauma and bereavement provides students with enhanced knowledge about grief responses and the effects of trauma. Students have opportunities to research an often underexplored topic while helping transform the sociopolitical management of grief, traumatic losses and end-of-life issues in contemporary society.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (6 credit hours)
SWG 576 War and Disaster (3)
SWG 577 Traumatic Death: Theory, Counseling and Practice (3)

Restricted Electives (3 credit hours)
SWG 575 Restorative Spaces and Therapeutic Communities: Ecological Care of Humans, Animals and the Earth (3)
SWG 655 Quality of Life, Mastering Mindfulness (3)
SWG 690 Reading and Conference (3)

Other Requirements (6 credit hours)
SWG 541 Generalist Practicum I (3) and SWG 542 Generalist Practicum II (3) or
SWG 584 Internship (6) or
SWG 641 Advanced Practicum: Direct Practice I (3) and SWG 642 Advanced Practicum: Direct Practice II (3)

Additional Curriculum Information
For restricted electives, students choose one of the three course options listed above for three credit hours.

Students must complete one of the practicums and internship options from the Other Requirements list. Courses are selected in consultation with an advisor. Practicums and internships must be preapproved with the academic unit. If selected, enrollment in SWG 584 Internship is for three credit hours and taken twice.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in fields such as psychology, sociology and social work.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• School of Social Work certificate application
• three references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The personal statement, resume, School of Social Work certificate application (available on the department website), and three references (forms available on the department webpage) should be submitted to the School of Social Work.

The personal statement must be two to four pages, double-spaced; additional guidelines are listed on the application.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Students should see the program website for application deadlines.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Plan, implement and evaluate evidence-based interventions.
Apply professional values and ethics during the advanced direct practice internship.

Career opportunities

This graduate certificate program in trauma and bereavement prepares individuals to work in the field of death and dying, as well as with patients experiencing trauma and bereavement, in clinical, organizational and administrative settings.

Career examples include:

crisis response team member or leader
hospice or chaplaincy worker
medical or premed professional
therapist or counselor

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/masters-degrees-phds/majorinfo/HSCTBGRCT/graduate/false/2
sswgradcerts@asu.edu
602-496-0800

Teaching and Learning Innovation, Mary Lou Fulton College for

Applied Behavior Analysis (Certificate), Certificate (TEABAGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The graduate certificate program in applied behavior analysis enables students to focus on the population with which they plan to work while gaining the knowledge and skills they need to use applied behavior analysis across various populations and settings.

Mary Lou Fulton Teachers College offers university coursework verified by the Association for Behavior Analysis International as meeting academic requirements for eligibility to sit for the Behavior Analyst Certification Board® Board Certified Behavior Analyst® examination. Once certified, these professionals are equipped to meet diverse behavior needs and make a lasting difference in the community. The course sequence meets the Behavior Analyst Certification Board-required 315 classroom hours of graduate-level instruction aligned with the BCBA/BCaBA Task List (fifth edition) and Test Content Outline (TCO sixth edition). BCBA-supervised independent fieldwork supervision hours, required for certification, are arranged and completed by the student separately from their ASU coursework. An optional remote BCBA supervised independent fieldwork practicum (SPE 580 Applied Behavior Analysis Practicum) is available.

Students seeking the master's degree as well as the verified university coursework to qualify to sit for the BCBA® exam should apply to the Master of Arts program in special education with a concentration in applied behavior analysis.

STEM-OPT extension eligible: No

Degree requirements

21 credit hours

Required Core (21 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)
SPE 526 Concepts and Principles of Applied Behavior Analysis (3)
SPE 528 Assessment and Intervention Programming for Skill Acquisition (3)
SPE 529 Functional Behavior Assessment and Behavior Change Procedures (3)
SPE 530 Fundamentals of Organizational Behavior Management (3)
SPE 563 Philosophical Foundations of Applied Behavior Analysis in Educational Settings (3)
SPE 567 Ethics of Applied Behavior Analysis (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement describing the applicant's interests and reason for seeking this degree
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) regardless of their current residency.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-applied-behavior-analysis/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Implement effective behavior assessment procedures based on identified target behaviors.
- Implement effective data collection and analysis methods to evaluate treatment effect.
- Implement appropriate behavior change procedures based on relevant assessment data.

Career opportunities

The graduate certificate program in applied behavior analysis pairs research and experience to prepare professionals to work with individuals with diverse learning and behavioral needs using the principles of applied behavior analysis. Professionals with expertise in evidence-based practices in applied behavior analysis are in high demand across sectors and industries, including education, business and health care.

Career examples include:

- applied behavior analysis therapist
- behavior consultant
- behavior specialist
- Board Certified Behavior Analyst®
- early interventionist
- educator
- organizational behavior management specialist

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Autism Spectrum Disorders (Certificate), Certificate (EDSPEGRCA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The graduate certificate program in autism spectrum disorders is ideal for educators, interventionists, paraprofessionals, psychologists, behavior analysts and family members who want to enhance their preparation for working with individuals living with autism spectrum disorders.

Students can complete the graduate certificate within two years while pursuing a graduate degree, or they can complete it as a stand-alone certificate.

Students interested in sitting for the national Board Certified Behavior Analyst® exam should apply for the Master of Arts program in special education with a concentration in applied behavior analysis or the applied behavior analysis graduate certificate, depending on interest and need.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
SPE 521 Foundations of Autism Spectrum Disorders (3)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)
SPE 540 Family-Centered Practices (3)

Restricted Electives (6 credit hours)
SPE 520 Verbal Behavior (3)
SPE 527 Behavior Analytic Assessment (3)
SPE 541 Consultation Frameworks and Issues (3)
SPE 560 Behavior Change Procedures: Implementing Interventions in Behavior Analysis (3)
SPE 564 Controversial Therapies; Science, Fad and Pseudoscience in Educational Settings (3)
SPE 566 Applied Behavior Analysis in Inclusive Settings (3)
SPE 567 Ethics of Applied Behavior Analysis (3)
SPE 598 Special Topics (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement describing the applicant's interests and reason for seeking this degree
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-autism-spectrum-disorders/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Critically evaluate research literature generated in the field of autism.
- Evaluate intervention plans for individuals with autism spectrum disorder.
- Consult with families and other professionals on the care of individuals with autism spectrum disorder.

Career opportunities

Students gain specialized skills and knowledge to work effectively and compassionately with children and adults, including family members, impacted by autism.

Career examples include:

- adapted physical education specialist
- clinical psychologist
- counselor
- special education teacher
- speech-language pathologist

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Curriculum and Instruction (Early Childhood Education), MEd (TEECDMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

ASU is no longer accepting new students to this program. Students interested in this program should apply to the Early Childhood Education MEd or the Early Childhood Education (Teacher Certification) MEd.

Program description

The Master of Education program in curriculum and instruction with a concentration in early childhood education prepares individuals to meet the educational, social and emotional needs of children from birth through age 8 or grade 3.

This master's degree program is appropriate for students interested in learning about early childhood education research and working with infants and children; and it can help advance the professional development of students who already have a teaching certificate and are interested in deepening their knowledge, strengthening their skills or pursuing doctoral studies.

Through online coursework and applied activities, the program equips students with specialized skills and advanced knowledge in early childhood pedagogy, community collaboration, technology, administration, policy analysis and advocacy.

Students can also choose to add in-person professional experiences to their degree program that prepare them to enter the teaching profession after graduation. Students pursuing teacher certification complete internships and full-time teaching residencies to gain experience in two levels: pre-K and grades K--3. Faculty members and highly qualified certified mentor teachers provide guidance and support along the way.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification as Early Childhood, Birth--Age 8 or Grade 3 teachers. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (ECD 593)

Students in this program complete an applied project within their plan of study as a culminating experience.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should come from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-early-childhood-education/) for program descriptions and to request more information.

Career opportunities

Students gain skills in teaching, conducting research, using technology and analyzing policy --- all of which prepare graduates to expand or pursue educational careers working with young children and their families.

Career examples include:

- child care worker
- education administrator
- family social worker
- preschool teacher or director

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in curriculum and instruction with a concentration in gifted education prepares teachers, school administrators, school psychologists, early interventionists and family members to work effectively with gifted children. Students gain the theory and pedagogy needed to identify and serve this population of learners.

Students learn how to identify learning potential and address specific needs of gifted and talented students. They gain an understanding of gifted students' affective and academic needs, and they learn how to design and provide appropriately challenging, differentiated curriculum and instruction.

Students also learn how to develop a continuum of gifted programs and services; work with school administrators, teachers, school boards and parents; and advocate for gifted students at local and national levels.

The program is designed for public and private school teachers in regular classrooms, honors classrooms and gifted programs, and for school administrators and gifted program coordinators.

The program also provides the 12 credit hours of coursework in gifted education required for the Gifted Education (K--12) endorsement from the Arizona Department of Education. Students should refer to the Arizona Department of Education website for additional requirements.

This program does not lead to teacher certification. Students should contact an advisor for information on other programs that lead to teacher certification in the state of Arizona.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (SPE 597)

Required Core (3 credit hours)
TEL 504 Learning and Instruction (3)

Concentration (24 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)
SPE 572 Testing and Measurement in Gifted Education: Methods (3)
SPE 573 Differentiating Instruction for Gifted Learners: Teaching Methods (3)
SPE 585 Creativity: Foundations of Research and Development in Gifted Education (3)
SPE 586 Advising the Gifted Learner: Social and Emotional Needs (3)
SPE 587 Special Populations in Gifted Education (3)
SPE 588 The Gifted Learner: Foundations of Identification, Education and Development (3)
SPE 589 Gifted Education Programming: Models, Methods and Services (3)

Culminating Experience (3 credit hours)
SPE 597 Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-teaching-and-learning-gifted-elementary/) for program descriptions and to request more information.

Career opportunities

Graduates have the skills to create and strengthen gifted programs, develop instructional methods, advocate for learners and work with school districts and families. They are prepared to expand or pursue education careers working with gifted learners.

Career examples include:

- educator in gifted or honors classroom
- gifted coordinator
- school administrator

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Early Childhood Education (Teacher Certification), MEd (TEECDTCMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in early childhood education prepares individuals to meet the educational, social and emotional needs of children from birth through age 8 or grade 3. Graduates earn an institutional recommendation from ASU for Arizona teacher certification.

Through online coursework and applied activities, the program equips students with specialized skills and advanced knowledge in early childhood pedagogy, community collaboration, technology, policy and advocacy.

A series of professional experiences assists students in developing their understanding of teaching and learning as they apply knowledge from their coursework in varied early childhood settings. Individualized guidance through the clinical framework provides students with the support they need to become effective educators.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Early Childhood, birth-age 8 or grade 3. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

STEM-OPT extension eligible: No

Degree requirements

36 credit hours including the required applied project course (ECD 593)

Required Core (24 credit hours)
ECD 505 Foundations of Early Childhood Education (3)
ECD 527 Mathematics in Early Childhood Education (3)
ECD 541 Assessment of Young Children (3)
ECS 549 Foundations of Typical and Atypical Child Growth and Development (3)
ECD 565 Inclusive Instructional Methodologies for Young Children (3)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)

Concentration (9 credit hours)
ECD 567 Clinical Experience: Early Childhood Internship (Ages Birth-5) (2)
ECD 576 Clinical Experience: Early Childhood Internship (Grades K-3) (2)
ECD 578 Student Teaching: Early Childhood (Grades K-3) (2)
ELL 515 Structured English Immersion Methods (3)

Culminating Experience (3 credit hours)
ECD 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a

regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the program, and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in one of the following file formats: MS Word (.doc), rich text (.rtf), Portable Document Format (.pdf), or text (.txt).

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-early-childhood-education-certification/) for program descriptions and to request more information.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. Graduates gain skills in teaching, conducting research, using technology and analyzing policy --- all of which prepare them to expand or pursue educational careers working with young children and their families. Career examples include:

- childcare worker
- early childhood educator (birth through grade 3)
- education administrator
- family social worker
- preschool teacher or director

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 200
https://education.asu.edu
graduateeducation@asu.edu
877-326-6744

Early Childhood Education, MEd (TEECEDMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in early childhood education prepares individuals to contribute to systems to meet the educational, social and emotional needs of children from birth through age 8. Through coursework and applied activities, the program equips students with specialized skills and advanced knowledge in early childhood pedagogy, community collaboration, technology, policy and advocacy.

The master's degree is appropriate for students interested in learning about early childhood education research and working with infants, toddlers and children through age 8. This program may be of interest to students who already have a teaching certificate and are considering furthering their knowledge and skills or pursuing doctoral studies in the future.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (ECD 593)

Required Core (24 credit hours)
ECD 505 Foundations of Early Childhood Education (3)
ECD 527 Mathematics in Early Childhood Education (3)
ECD 541 Assessment of Young Children (3)
ECS 549 Foundations of Typical and Atypical Child Growth and Development (3)
ECD 565 Inclusive Instructional Methodologies for Young Children (3)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
ECD 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)

International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The following are accepted to meet this requirement:

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the graduate certificate, and explain what led them to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in one of the following file formats: MS Word (.doc), rich text (.rtf), Portable Document Format (.pdf), or text (.txt).

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-early-childhood-education/) for program descriptions and to request more information.

Career opportunities

Graduates from this program may become curriculum designers, preschool directors or early childhood specialists.

Contact information

Division for Advancing Educator Preparation | ED 200
https://education.asu.edu

graduateeducation@asu.edu
877-326-6744

Early Childhood Special Education (Teacher Certification), MEd (TEECSTCMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in early childhood special education with a concentration in teacher certification is designed for students who hold a bachelor's degree in a noneducation field. The program prepares students to work with young children who have a disability or who are at risk of developing one. Graduates earn an institutional recommendation from ASU for Arizona teacher certification.

Students develop foundational knowledge of child development, including child development theories and best practices, including how to:

• assess, monitor and report the progress of young children
• build effective practices for engaging families
• create enriched, inclusive learning environments
• design coherent instruction
• plan and facilitate learning

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood Special Education, birth through grade 3, from the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Science (Early Childhood Studies), BAS

Educational Studies, BAE

Educational Studies (Early Childhood Studies), BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

38 credit hours including the required applied project course (ECS 593) - Alternative Certification Pathway, or
38 credit hours including the required applied project course (ECS 593) - Traditional Certification Pathway

Required Core (9 credit hours)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)

Concentration (6 credit hours)

Alternative Certification Pathway
ECS 571 Birth to Preschool Apprentice Teaching (2)
ECS 574 Pre-Kindergarten to Grade Three Apprentice Teaching (2)
ECS 579 Early Childhood Special Education Apprentice Teaching Capstone (2)

Traditional Certification Pathway
ECS 556 Birth to Preschool Internship (2)
ECS 567 Pre-Kindergarten to Grade Three Internship (2)
ECS 596 Early Childhood Special Education Student Teaching (2)

Other Requirements (17 credit hours)
ECD 527 Mathematics in Early Childhood Education (3)
ECD 565 Inclusive Instructional Methodologies for Young Children (3)
ECS 520 Evaluation and Intervention Strategies for Infants, Toddlers and Preschoolers with Disabilities (3)
ECS 549 Foundations of Typical and Atypical Child Growth and Development (3)
SPE 502 Language and Communications Methods and Assessment (2)
SPE 558 Special Education Foundations: Law, IEPs, Assessment and Ethical Practice (3)

SEI Endorsement (3 credit hours)
ELL 515 Structured English Immersion (SEI) Methods (3)

Culminating Experience (3 credit hours)
ECS 593 Applied Project (3)

Additional Curriculum Information
All certification students must complete at least three professional experience courses and an experience in each special education setting (birth through preschool, and preschool through grade 3). Students can select the traditional or alternative pathway for certification. This determines what professional experience courses they take for the concentration.

Students on the traditional path must take at least one internship course (ECS 556 or ECS 567) before student teaching (ECS 596). For their third professional experience course, students must complete a professional experience in a new setting. For example, if they selected ECS 556 and then took ECS 596, they must take ECS 567 or ECS 574 for their third course. This way they have at least two experiences in different settings.

Students on the alternative path for certification must complete at least two apprentice teaching courses. Like the traditional path, students must have at least two experiences in different settings. For example, students can take ECS 574 and ECS 596 and then take ECS 556 or ECS 571 for their third experience because it is in a new professional experience setting.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable

master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The following are accepted to meet this requirement:

• TOEFL: Applicants must have a score of at least 90 on the iBT, with scores of 22--30 on the speaking and written portions. ASU's institutional code is 4007. Only electronic copies of scores are accepted.
• IELTS: Applicants must have an overall band score of at least 6.5 with the speaking and writing portions needing to be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the program, and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in one of the following file formats: MS Word (.doc), rich text (.rtf), Portable Document Format (.pdf) or text (.txt).

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/early-childhood-special-education-certification) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to work in schools, nonprofit organizations, early intervention programs, government agencies, health care organizations and private practices. Career opportunities include:

- kindergarten through grade 3 teacher
- preschool teacher
- program coordinator

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 200
https://education.asu.edu/masters-degrees-phds/majorinfo/TEECSTCMED/graduate/false/24
graduateeducation@asu.edu
877-326-6744
Admission deadlines (https://education.asu.edu/)

Early Childhood Special Education, MEd (TEECSMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in early childhood special education is designed for students who hold a bachelor's degree in a noneducation field. The program prepares students to work with young children who have a disability or who are at risk of developing one.

Students develop foundational knowledge of child development, including child development theories and best practices, such as how to:

• assess, monitor and report the progress of young children
• build effective practices for engaging families
• create enriched, inclusive learning environments
• design coherent instruction
• plan and facilitate learning

The master's degree program does not lead to teacher certification. Students interested in certification should enroll in the MEd in early childhood special education with a concentration in teacher certification or in the teacher certification graduate certificate program.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Science (Early Childhood Studies), BAS

Educational Studies, BAE

Educational Studies (Early Childhood Studies), BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

32 credit hours including the required applied project course (ECS 593)

Required Core (9 credit hours)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)

TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)

Other Requirements (17 credit hours)
ECD 527 Mathematics in Early Childhood Education (3)
ECD 565 Appropriate Instructional Methodologies for Young Children (3)
ECS 520 Evaluation and Intervention Strategies for Infants, Toddlers and Preschoolers with Disabilities (3)
ECS 549 Foundations of Typical and Atypical Growth and Development (3)
SPE 502 Language and Communication Methods and Assessment (2)
SPE 558 Special Education Foundations: Law, IEPs, Assessment and Ethical Practice (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)
ECS 593 Applied Project (3 credit hours)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The three letters of recommendation can be from either professional or academic sources.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/graduate/masters-early-childhood-special-education) for program descriptions and to request more information.

Career opportunities

Program graduates are prepared to work in early childhood education centers and nonprofit organizations. Careers in these settings include:

- childcare workers
- child, family and school social workers
- educational guidance counselors and advisors
- education and childcare administrators
- noncertified teachers for children birth through grade 3
- social and human service assistants
- social and community service managers

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu/masters-degrees-phds/majorinfo/TEECSMED/graduate/false/24
GraduateEducation@asu.edu
602-543-6358
Admission deadlines (https://education.asu.edu/)

Educating Multilingual Learners (Certificate), Certificate (TEESLGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The graduate certificate in educating multilingual learners prepares students to educate multilingual learners in a variety of settings, including pre-K--12 schools, colleges, universities and organizations that serve and advocate for linguistically diverse populations.

Although the program is an excellent choice for teachers seeking to improve their preparation for multilingual learners, it does not lead to teacher certification. There is also no requirement for students entering the program to hold, seek or obtain a teaching certificate.

This program is not designed to address specific requirements of any single state endorsement but may address many components for state endorsements, depending on state requirements.

Individuals who wish to build a career in the field of English language teaching should consider the Master of Teaching English to Speakers of Other Languages (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LAENGMTESL/teaching-english-to-speakers-of-other-languages-mtesol) offered through The College of Liberal Arts and Sciences.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
BLE 534 Language, Policy and Power: Past and Present (3)
BLE 536 Education for Social Transformation (3)
BLE 537 Linguistics for Educators (3)

Electives (6 credit hours)

Additional Curriculum Information
Students should see the academic unit for the approved list of elective courses.

A culminating experience is not required for this program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree, preferably in education or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement describing the applicant's interests and reason for seeking this certificate
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-english-second-language/) for program descriptions and to request more information.

Career opportunities

As populations continue to diversify, there is high demand for professionals with expertise in supporting multilingual learners. Program graduates are well suited for positions within education or organizations that serve international or immigrant populations.

Career examples include:

- educational consultant
- education manager

- instructor
- multilingual or bilingual education specialist
- professional development manager
- school administrator

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Education (Accomplished Teaching), MA (EDACCTCMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

ASU is not currently accepting applications for this program. Prospective students interested in master's degree programs that do not lead to teacher certification might consider the MA in Education, MEd in Global Education MEd, MEd in Learning Design and Technologies, and the MA in Learning Sciences.

Program description

The Master of Arts program in education with a concentration in accomplished teaching is designed for practicing educators who want to advance their expertise, innovate in the classroom, and help their schools or other work settings redesign education from a deep understanding of educational theory and practice. Students improve their understanding of student learning and assessment, and they develop skills in conducting action research.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours and a thesis, or
30 credit hours including the required applied project course (DCI 593)

Required Core (15 credit hours)

Electives (12 credit hours)

Culminating Experience (3 credit hours)
DCI 593 Applied Project (3)

Additional Curriculum Information
Students should see the academic unit for an approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Education (Educating Multilingual Learners), MA (EDESLMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Arts in education with a concentration in educating multilingual learners prepares students to educate multilingual learners in a variety of settings, including pre-K--12 schools, colleges, universities and organizations that serve and advocate for linguistically diverse populations.

The program advances a contextualized view of multilingualism, highlights language learning processes and related pedagogies, and promotes educators' (current and future) self-reflection about their potential as advocates for their students.

Students take both a practicum and a capstone course. The practicum provides students an opportunity to apply theoretical and practical information presented through coursework in schools and other learning environments that serve multilingual learners. This is a structured practical experience supervised by a faculty member with whom the student works closely. For the capstone, students identify a specific topic or problem of practice and lead a research-driven project or in-depth review of the literature.

While the program is an excellent choice for teachers seeking to improve their preparation for multilingual learners, it does not lead to teacher certification. There is also no requirement that students entering the program hold a teaching certificate or seek to obtain one.

This program is not designed to address specific requirements of any single state endorsement but may address many components for state endorsements, depending on the state's requirements.

Note: Individuals who wish to build a career in the field of English language teaching should consider the Master of Teaching English to Speakers of Other Languages (https://degrees.apps.asu.edu/masters-phd/major/ASU00/LAENGMTESL/teaching-english-to-speakers-of-other-languages-mtesol) offered through The College of Liberal Arts and Sciences.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (BLE 597)

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Concentration (21 credit hours)
BLE 522 Bi/Multilingual Acquisition and Development (3)
BLE 531 Linguistically and Culturally Sustaining Pedagogy (3)
BLE 534 Language, Policy and Power: Past and Present (3)
BLE 535 Sociolinguistic Issues in Bilingual Education (3)
BLE 536 Education for Social Transformation (3)
BLE 537 Linguistics for Educators (3)
BLE 538 Methods for Educating Multilingual Learners (3)

Other Requirements (3 credit hours)
BLE 580 Practicum (3)

Culminating Experience (3 credit hours)
BLE 597 Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-multilingual-education/) for program descriptions and to request more information.

Career opportunities

As populations continue to diversify, there is high demand for professionals with expertise in supporting multilingual learners. Graduates are well suited for positions within education or organizations serving international or immigrant populations.

Career examples include:

- educational consultant
- education manager
- instructor
- multilingual or bilingual education specialist
- professional development manager
- school administrator

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Education (Literacy Education), MA (EDLANGMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

Students in the Master of Arts program in education with a concentration in literacy education gain an understanding of the sociocultural, historical and political settings in which reading, writing, oral language and the visual arts are created and used.

Fully online courses include digital technologies, multimodal literature, and language and literacy for diverse learners, as well as literacy assessment and instruction for children, adolescents and adults. Students learn how to evaluate literacy theories and pedagogies through both a solid theoretical foundation of literacy and a foundational knowledge base of pedagogy. Students also learn how to use technology to encourage critical thinking for learners, as well as how to use it as a resource for teaching, assessment and inquiry.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (RDG 597)

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Concentration (18 credit hours)
RDG 505 Language and Literacy Across the Lifespan (3)
RDG 510 Literacies, Digital Technologies and Learning (3)
RDG 512 Theoretical Foundations in Language and Literacy (3)
RDG 515 Multimodal Literature for Children and Adolescents (3)
RDG 518 Supporting Language and Literacy for Diverse Learners (3)
RDG 519 Writing Throughout the Lifespan (3)

Other Requirements (6 credit hours)
RDG 530 Literacy Methods, Assessment and Reflection for Children (Pre-K to Grade 5) (6) or
RDG 540 Literacy Methods, Assessment and Reflection for Adolescents and Adults (Grade 6-Adult) (6)

Culminating Experience (3 credit hours)
RDG 597 Capstone (3)

Additional Curriculum Information
Students put their coursework into action through an interactive capstone project in which they design, implement, analyze and reflect on a professional development project for literacy educators.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts

• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program. The personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/literacy-education/) for program descriptions and to request more information.

Career opportunities

Graduates are literacy leaders who inquire into their own instructional approaches, analyze resources available for literacy instruction, and critically examine the environments and learning experiences constructed in their context.

They have skills in leadership, literacy assessment and instruction; conduct research and use technology; and are prepared to pursue or expand an educational career working with learners of all ages.

Career examples include:

- curriculum writer
- instructional coach
- instructor
- literacy coordinator
- literacy media specialist
- reading specialist

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Education for Planetary Futures, MA (TEEPFMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

ASU is not currently accepting applications for this program. Students interested in the intersection of education and sustainability should consider the Global Education, MEd or Education, MA.

Program description

The Master of Arts program in education for planetary futures develops students' passion for ecological and social justice into impactful education careers that promote sustainable futures where people and the planet can thrive. It fuses disciplines and creative practices to radically reimagine education, drawing on diverse knowledge traditions to transform how we prepare future generations. Through transdisciplinary coursework, inquiry and community-based work, students build skills to lead change through innovative pedagogies and policies prioritizing intergenerational justice, enact meaningful environmental action, and leverage diverse media for shifting narratives about ecological futures.

The program welcomes educators and education leaders from all settings seeking to harness education's transformative power for social and ecological change.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required capstone course (EPF 681)

Required Core (18 credit hours)
EPF 508 Education for Ecological and Social Justice (3)
EPF 512 Education, Imagination and Futures Thinking (3)
EPF 517 Inquiry for Transformation (3)
EPF 529 Systems Change for Planetary Futures: Pathways for Collective Action (3)
EPF 614 Capstone Proposal Development (3)
EPF 675 Inquiry and Action (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
EPF 681 Capstone: Knowledge Mobilization (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current

residency.

The personal statement should be no longer than three double-spaced pages in length. Applicants submit a "Personal Vision for Planetary Futures through Education" in which they are asked to respond to the following prompts:

• Reflect on your personal and professional experiences and how they have shaped your views on education's role in creating a better future for our planet. How do you see yourself contributing to a new way of thinking about education that supports a healthy planet and society? Consider the following in your response: How have your life experiences led you to recognize the importance of changing how we think about education in relation to environmental sustainability and social justice?
• Which parts of the MA in education for planetary futures program excite you the most, and how do you plan to apply what you learn to make a positive impact in the field of education and beyond?

Letters of recommendation can come from academic or professional sources who can speak to the applicant's academic abilities and potential for graduate-level study, or who can attest to the applicant's practical skills, work ethic and potential impact in the field of education for planetary futures.

For the professional resume, a traditional resume format is not required. However, it is important the resume includes information that illustrates the experiences, interests and the distinct qualities the applicant brings to the program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/education-planetary-futures/) for program descriptions and to request more information.

Global opportunities

Global experience: Global perspectives are integrated in all coursework, while global experiences are available in the form of electives to all interested students. Students in the program are encouraged to explore study abroad opportunities (https://goglobal.asu.edu/) offered by other programs at ASU, including study abroad opportunities offered by the school. Elective credit is also offered for internships in nonprofits, nongovernmental organizations, community organizations and international agencies working on sustainability-related programs (e.g., UNESCO, UNICEF, Save the Children, Regional Centers of Expertise on Education for Sustainable Development).

Career opportunities

Graduates of this program can pursue careers as:

- community education directors
- curriculum developers
- directors of nonprofit organizations
- directors of environmental conservation local and national governments
- education policymakers
- environmental consultants and advisors
- informal educators (e.g., museum curator) for K--12 education
- media and communications experts
- sustainability coordinators in K--12, informal or higher education institutions
- sustainability directors in K--12, informal or higher education institutions
- think tank or education startup advisors

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Education Policy, Practice | ED 200
https://education.asu.edu
graduateeducation@asu.edu
877-326-6744

Education, MA (TEEDUMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

This program is not accepting applications for the Mandarin pathway.

Program description

The Master of Arts program in education is designed for professionals who want to advance their career in the field of education. Students who graduate with this degree are able to further their educational endeavors which, in turn, allow them to shape society through their students.

Students in this program can customize their coursework in the following ways. They can choose two of the following Mary Lou Fulton Teachers College focal areas:

• applied behavior analysis
• autism spectrum disorders
• early childhood education
• educating multilingual learners
• education for planetary futures
• environmental education
• gifted education
• global education
• higher and postsecondary education
• learning design and technologies
• literacy education
• physical activity and physical education
• special education endorsement*
• teaching pedagogy

Alternatively, they can choose one of the focal areas shown above and one of the focal areas from a partner college at ASU, shown below:

• data and society (New College of Interdisciplinary Arts and Sciences)
• digital audience strategies (Walter Cronkite School of Journalism and Mass Communication)
• social justice and human rights (New College of Interdisciplinary Arts and Sciences)
• technical writing and communication (College of Integrative Sciences and Arts)
• financial education (W. P. Carey School of Business)**

*Students interested in the special education endorsement should speak to an advisor before selecting this focal area. It includes additional requirements.

**This option is currently only available to students transferring from W. P. Carey into the MA in education program. Students should speak with an advisor.

The program culminates with an applied project in which students design and develop an inquiry study that addresses at least one problem related to their areas of focus.

Note: Students who are part of specialized cohorts or initiatives that include a focal area in MA in education should consult with an advisor.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Special Education, BAE

Secondary Education (Mathematics), BAE

Educational Studies, BAE

Secondary Education (English), BAE

Secondary Education (History), BAE

Middle Grades Education, BAE

Elementary Education, BAE

Physical Education, BAE

Secondary Education (Biological Sciences), BAE

Secondary Education, BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (EDU 593), or
30 credit hours including the required applied project course (EDU 593) - Mandarin Pathway

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
EDU 593 Applied Project (3)

Additional Curriculum Information
The program is designed to be flexible and personalized in order to meet the interests of the learner. Students should see the academic unit for a list of electives to choose from as they explore focal areas of greatest interest.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• written statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

GRE scores are not required for admission.

Applicants must provide a written statement of approximately 500 words that describes their personal interest in the field of education, the goals they wish to achieve while in the program, and their short- and long-term career aspirations. The admission committee pays particular attention to the quality of writing, the ideas expressed, and the relative match between the applicant and program goals.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-in-education/) for program descriptions and to request more information.

Career opportunities

Graduates have skills in effective communication, collaboration, leadership, advocacy and innovation, all of which are essential for education professionals in a variety of careers.

Career examples include:

- behavior specialist
- curriculum designer
- education program manager
- education subject matter expert
- instructional designer
- team lead (K--12 schools)

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
graduateeducation@asu.edu
480-965-5555

Educational Leadership (Principalship), MEd (TEPRINMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: West Valley, ASU Sync, Online

Program description

The Master of Education program in educational leadership with a concentration in principalship is designed for educators committed to systemic action and inclusive excellence. The program develops leaders who can build and sustain learning environments that empower educators to deliver excellent learning experiences and outcomes to all learners.

Offered entirely remotely, students can choose between two flexible modalities:

• ASU Sync --- This accelerated, four-semester program provides synchronous evening classes via Zoom, featuring live, interactive learning with peers and faculty. ASU Sync students need to reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should consult an advisor for alternative program options.
• ASU Online --- ASU offers this program in a flexibly paced, online format with several enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-educational-leadership-principalship/) for program descriptions. Because it is flexibly paced, the program can typically take four to eight semesters to complete.

Both modalities are designed to meet Arizona's principal certification requirements and align with national educational leadership standards. Students seeking certification in a state other than Arizona should consult their respective state departments of education before applying.

This program prepares systems leaders to:

• Apply systems thinking to school leadership, using data-informed strategies and research-based frameworks to strengthen instructional practices and improve outcomes for educators and students.
• Foster belonging and opportunity by implementing policies and practices that ensure every student is supported in developing their academic skills, social confidence and long-term success.
• Align staffing and resources strategically to maximize learning conditions, strengthen educator effectiveness, and meet the needs of the school community.
• Build authentic partnerships with families, educators and community members to create environments where all voices are valued and decisions reflect the strengths and aspirations of the community.

A cornerstone of the program is the two-semester, school-based internship in which students work with a certified mentor principal to apply their learning in dynamic learning environments. This laboratory of practice enables students to design and implement an action research project that addresses a problem of practice within their school, preparing them to lead with confidence and competence.

ASU Sync
Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT extension eligible: No

Degree requirements

36 credit hours including the required applied project course (EDA 593)

Required Core (9 credit hours)
EDA 501 Foundations of Educational Leadership (3)
EDA 502 Transformative Leadership (3)
EDA 503 Leadership for Evidence-informed Decisions (3)

Concentration (15 credit hours)
EDA 511 School Law and Ethics (3)
EDA 548 Engaging Students, Families and Community (3)
EDA 572 Effective Resource Allocation (3)
EDA 586 Professional Learning and Performance Assessment (3)
EDA 588 Leading for All Learners (3)

Other Requirement (6 credit hours)
EDA 584 Internship (3)
EDA 684 Internship (3)

Leadership Electives (3 credit hours)
EDA 598 Topic: Coaching and Consultation (2)
EDA 598 Topic: Happiness in Leadership (1)
EDA 598 Topic: Leadership by Design (3)
EDA 598 Topic: Leadership Think Tank (2)
EDA 598 Topic: Leadership via Self-awareness and Self-care (2)
EDA 598 Topic: Leading and Facilitating Teams (1)
EDA 598 Topic: Qualified Evaluator (1)

Culminating Experience (3 credit hours)
EDA 593 Applied Project (3)

Additional Curriculum Information
Students may choose from the electives list offered. Selecting an elective outside the provided list requires department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and have at least two years of pre-K--12 teaching experience as a teacher of record.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's

degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and one of the letters must be from a current immediate supervisor who is a principal, assistant principal or the equivalent.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-educational-leadership-principalship/) for program descriptions and to request more information.

Career opportunities

Graduates of this robust, standards-based leadership preparation program have the expertise to become transformative school leaders. They have decision-making skills rooted in professional self-awareness, effective collaboration and critical reasoning.

Career examples include:

- assistant principal
- educational consultant
- instructional coordinator
- K--12 team lead
- principal
- school leader

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu

GradEducation@asu.edu
480-965-5555

Leadership and Innovation (Policy and Administration), EdD (TEINNPAEDD)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: West Valley

ASU is not currently accepting applications for this program. Interested students should consider the Leadership and Innovation, EdD or the Educational Policy and Evaluation, PhD.

Program description

The Doctor of Education program in leadership and innovation is designed for practicing educator-leaders who want to participate in creating better learning opportunities for students of all ages in a range of settings with the ultimate goal of transforming the practice of education.

The focus of the program is research in action. Students conduct multiple studies throughout the program to learn by doing and to influence change based on scholarship applied in their workplace.

Students in the program begin as accomplished teachers, teacher leaders, principals and superintendents, and edupreneurs or higher education professionals. Through their learning, they deepen their abilities to lead and innovate in educational organizations. The program is not designed to prepare students for academic tenure-track positions.

The cohort-based program begins in summer with an introduction to doctoral studies and the formation of a professional learning community that draws on the strengths of all group members.

Required courses are team-taught by faculty and require students to conduct research in their workplace, laying the foundation for the culminating project: the action research study documented in the dissertation.

Leader-scholar communities, formed at the end of the first year and consisting of five to seven students and two faculty members, meet regularly for the second and third years of the program. Students register for required research and dissertation hours as part of the LSC requirement.

Through these LSCs, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Students share their research at the end of each semester through roundtables, posters and symposia in a public research day.

Successful graduates have made a commitment to continuing systematic study of their professional practice and making a positive difference in their local workplaces by putting their research in action. The program aims to enable more thoughtful, intentional and informed leaders who are willing and able to implement and study change.

The program can make a difference in the way a student thinks and works as a leader in education for the immediate and local benefit of school children, adult learners, the student's school or organization, the community and the world.

STEM-OPT extension eligible: No

Degree requirements

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation (including a Master's degree and 60 credit hours post-Masters)

Required Core (15 credit hours)
Research Core (9 credit hours)
Advanced Professional Studies (15 credit hours)
Directed Field-Based Study (3 credit hours)

Participation in Leader-Scholar Communities (6 credit hours)
Dissertation (12 credit hours)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

The concentration in policy and administration under the doctoral program in leadership and innovation is no longer accepting applications. Applicants should apply to the EdD in leadership and innovation rather than a specific concentration.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
doctoraleducation@asu.edu
480-965-5555

Educational Leadership, MEd (EDSUPVMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Polytechnic, West Valley, Online

Program description

The Master of Education program in educational leadership creates edupreneurs and community leaders, bold thinkers who are passionate about creating new possibilities in education, including founding alternative learning spaces and leading nonprofit initiatives, community coalitions or social impact organizations. Whether already rooted in a school or working in an education-adjacent space, this program offers students the vision, tools and support to lead transformative work with clarity and purpose.

This program prepares leaders to work at the intersection of education, innovation and community impact. It's not about following a prescribed path - it's about designing one's own. Students explore what it means to be a systems thinker, a community collaborator, and a leader with a strong sense of purpose and values. The program emphasizes inclusive excellence, design thinking and sustainable leadership practices to help students bring their vision to life.

Graduates of this program will be prepared to:

• apply systems thinking to design and lead meaningful change
• champion inclusive leadership practices that foster deep community engagement
• launch and scale innovative educational initiatives through social entrepreneurship
• leverage technology and intellectual property to develop and expand transformative ideas
• navigate and influence education policy and lead effectively within nonprofit organizations
• secure and manage resources through strategic grant writing, fundraising and development efforts

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (EDA 593)

Required Core (9 credit hours)
EDA 501 Educational Leadership Foundations (3)
EDA 502 Transformative Leadership (3)
EDA 503 Leadership for Evidence-informed Decisions (3)

Edupreneur and Community Requirements (15 credit hours)
EDA 548 Engaging Students, Family and Community (3)
EDA 560 Ideation, Technology and Intellectual Property (3)
EDA 562 Grants, Policies and Administration (3)
EDA 564 Publication Engagement and Community Externship (3)
EDA 566 Education and Social Entrepreneurship (3)

Leadership Electives (3 credit hours)
EDA 598 Coaching and Consultation (2)
EDA 598 Happiness in Leadership (1)
EDA 598 Leadership by Design (3)
EDA 598 Leadership Think Tank (2)
EDA 598 Leadership via Self-awareness and Self-care (2)
EDA 598 Leading and Facilitating Teams (1)
EDA 598 Qualified Evaluator (1)

Culminating Experience (3 credit hours)
EDA 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and have at least two years of pre-K-12 teaching experience as a teacher of record.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a

graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/educational-leadership/) for program descriptions and to request more information.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Educational Policy and Evaluation, PHD (EDLDRSHPHD)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

In the Doctor of Philosophy program in educational policy and evaluation, scholars are prepared to conduct rigorous, high-impact and transdisciplinary research on education policies that affect conditions in pre-K--20 and other educational environments.

Doctoral students in the educational policy and evaluation program engage in systematic analyses of education policies and practices in a variety of settings, including schools, universities, research centers, government agencies and nongovernmental organizations.

The program emphasizes intensive training in the theory, methods and implementation of education policy, with a focus on research and evaluation. Students pursue an area of specialization supported by faculty expertise.

Educational policy and evaluation students work closely with nationally and internationally recognized faculty members on collaborative and independent research projects that advance education, including scholarly articles, policy briefs, reports and engagement in education policy. The program also provides opportunities to influence the field through internships in applied settings and experiences in scholarly publishing.

STEM-OPT extension eligible: No

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Core (21 credit hours)
COE 502 Introduction to Data Analysis (3)
COE 503 Introduction to Qualitative Research (3)
EPA 701 Proseminar in Education Policy I (3)

EPA 702 Proseminar in Education Policy II (3)
EPA 704 Proseminar in Evaluation and Evaluation Research (6)
EPA 752 Research Design (3)

Electives (45 credit hours)

Research (6 credit hours)
Advanced research methods (6)

Culminating Experience (12 credit hours)
EPA 799 Dissertation (12) or
DCI 799 Dissertation (12) or
SPE 799 Dissertation (12)

Additional Curriculum Information
Of the 84 credit hours required for the degree, 54 must be earned at ASU, and 24 of the ASU credit hours must be earned in research and dissertation courses. The coursework includes classes in evaluation, policy analysis, research methods and an area of specialization.

Students who enter the doctoral program with a master's degree in a related discipline may count up to 30 credit hours from the master's degree toward the 84 credit hours. In addition, with program and Graduate College approval, a student may use up to 12 additional credit hours toward the doctorate if documentation is provided showing that those credit hours were not part of the master's degree.

Of the 45 credit hours for electives, 15 should be earned in the areas of specialization.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a master's degree from a regionally accredited institution or an international equivalent as determined by Graduate Admission Services.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• academic writing sample
• curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

The academic writing sample should be a substantive piece of writing created for an academic or professional audience.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates gain the knowledge and skills to pursue careers as education researchers who advance the collective understanding of education policy for pre-K--20 and other education environments.

Career examples include:

- policy analyst
- professor
- program evaluator
- researcher

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
doctoraleducation@asu.edu
480-965-5555

Educational Policy, MA (EDSPFMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

The Master of Arts program in educational policy is suited for individuals who want to deepen their understanding of how to translate research to policy and practice, communicate and engage with stakeholders, and propose effective research-based policies. Students also develop fundamental skills in analyzing and interpreting educational data.

This program is designed as a cohort model. It provides a supportive environment for students to take a sequence of core courses with their peers and to learn from professors who are experts in their fields. The program also provides students with the flexibility to select elective courses and individualize their experience to suit their specific interests and aspirations.

In the culminating experience in the final semester, students use their new knowledge and applied research skills to design and execute an individual or group project.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (EPA 593)

Required Core (15 credit hours)
EPA 532 Becoming an Informed Consumer of Education Research (3)
EPA 555 Translating Research for Educational Change (3)
EPA 556 Data Analysis for Education Decision Makers (3)
EPA 559 Systematic Inquiry for Problem Solving (3)
EPA 565 Critical Topics in Education Policy (3)

Restricted Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
EPA 593 Applied Project (3)

Additional Curriculum Information
For electives or research, students should see the academic unit for the approved course list.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program. The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are prepared to expand or pursue careers that involve the use and interpretation of data. This program is also suited for those who want to pursue doctoral degrees in education after graduation.

Examples of possible positions include:

grants administrator
policy analyst
program and project manager
research and data analyst

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Educational Technology, PHD (EDTECHPHD)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

ASU is not currently accepting applications for this program. Prospective students might consider the Learning Design and Technologies, MEd.

Program description

The focus of the Doctor of Philosophy program in educational technology is on the design, development and evaluation of instructional systems and on educational technology applications that support learning. The doctoral program emphasizes research using educational technology in applied settings.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

84 credit hours, a written comprehensive exam, a prospectus and a dissertation

Required Courses (24 credit hours)
EDP 540 Learning Theories and Instructional Strategies (3)
EDP 552 Multiple Regression and Correlation Methods (3)
EDP 554 Analysis-of-Variance Methods (3)

LDT 501 Foundations of Learning Design and Technologies (3)
LDT 502 Design and Development of Instruction (3)
LDT 503 Design of Effective Communications (3)
LDT 504 Modalities of Learning (3)
LDT 506 Evaluation of Learning Systems (3)
EDT 701 Research in Educational Technology (3)

Elective Courses (30 credit hours)
Students select a minimum of 30 credit hours of elective coursework in consultation with a faculty advisor or doctoral committee chair.

Practicum Hours (6 credit hours and research)
Students must earn at least 18 credit hours for practicum courses. Students complete three different practica while in the program: instructional design (typically EDT 780 Practicum for three credit hours), teaching (typically EDT 680 Practicum for three credit hours), and a research practicum.

Research (12 credit hours)

Culminating Experience (12 credit hours)
EDT 799 Dissertation (12)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in their first bachelor's degree program, or a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three email addresses for professional recommendations
• personal statement
• resume
• GRE scores
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The Mary Lou Fulton College for Teaching and Learning Innovation requires a minimum score of 100 on the TOEFL iBT.

Scores of 500 or above on the verbal reasoning and quantitative reasoning sections of the GRE are required, as well as a score of four or greater on the analytical writing section of the GRE. ASU does not accept the GRE® General Test at home edition.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

The program prepares students for a variety of professional positions. Graduates are employed as faculty, educational technologists or instructional designers in universities, community colleges and schools, or as training managers in corporate settings.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
doctoraleducation@asu.edu
480-965-5555

Elementary Education (Teacher Certification), MEd (TEEEACLMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in elementary education with a concentration in teacher certification is for those who already hold a bachelor's degree in any field and want to become licensed to teach grades K--8. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

The program of study is flexible, and students can complete it within five semesters with the appropriate professional experience placements. Students can also enroll part-time over additional semesters.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through an applied project capstone experience, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts.

A series of professional experiences assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the clinical framework provides students with the support they need to become effective educators.

This program offers two routes leading to Arizona teacher certification:

• In the traditional certification route, students complete three professional experiences: two internships and one student teaching.
• The alternative certification route provides an alternative pathway to teacher certification for individuals who are currently employed full-time by a school as a teacher of record. To qualify, individuals must secure a full-time teaching position in an approved K--8 placement. Students complete three professional experiences in the alternative pathway.

The coursework is the same in both certification routes and culminates in a research project in which students apply what they have learned to address a problem of practice or a topic related to education.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Elementary Education, K--8. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Science (Early Childhood Studies), BAS

Educational Studies, BAE

Educational Studies (Early Childhood Studies), BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

33 credit hours including the required applied project course (EED 593) - Alternative Certification, or
33 credit hours including the required applied project course (EED 593) - Traditional Certification

Required Core (5 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)

Concentration (16 credit hours)
EED 529 Science Teaching Methods for Elementary School (2)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
EED 534 Social Studies Methods and the Arts (2)
EED 537 K-8 Mathematics Methods and Assessment (3)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)

SEI Endorsement (3 credit hours)
ELL 515 Structured English Immersion (SEI) Methods (3)

Other Requirements (6 credit hours)
6 credit hours of Alternative Certification Pathway courses, or
6 credit hours of Traditional Certification Pathway courses

Culminating Experience (3 credit hours)
EED 593 Applied Project (3)

Additional Curriculum Information
Students select one of the alternative certification or traditional certification pathways.

Alternative pathway students choose six credit hours of apprentice teaching as their other required coursework from a pre-approved list. Students switching routes from traditional certification may substitute student teaching for two credits of apprentice teaching with permission from the program.

Traditional pathway students complete six credit hours from internship and student teaching as their other required coursework from a pre-approved list. At least two credits must be internship and at least two credits must be student teaching. Students switching routes from alternative certification may substitute apprentice teaching for student teaching with permission from the program.

Students should see the academic unit for the appropriate other requirements and elective coursework. If a student plans to switch pathways mid-program, the student must reach out to the academic unit for appropriate advisement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• IVP fingerprint clearance card issued by the state of Arizona
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The following are accepted to meet this requirement:

• TOEFL: Applicants must have a score of at least 90 on the iBT, with scores of 22-30 on the speaking and written portions. ASU's institutional code is 4007. Only electronic copies of scores are accepted.
• IELTS: Applicants must have an overall band score of at least 6.5 (6=Competent User, 7=Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the program, and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in one of the following file formats: MS Word (.doc), rich text (.rtf), Portable Document Format (.pdf), or text (.txt).

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-elementary-education-teacher-certification/) for program descriptions and to request more information.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. They possess skills in teaching, conducting research, utilizing technology and collaborating in teams --- all of which prepare them to succeed in educational careers working with learners in grades K--8.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Elementary Education, MEd (TEELEMMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in elementary education prepares students to start a career in working with students in grades K--8. It is designed for individuals who do not need to obtain teacher certification. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts. The program culminates in an action research project in which students apply what they have learned to address a challenge in education.

The master's degree program does not lead to teacher certification. Students interested in certification should enroll in the MEd program in elementary education with a concentration in teacher certification or in the teacher certification graduate certificate program.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Science (Early Childhood Studies), BAS

Educational Studies, BAE

Educational Studies (Early Childhood Studies), BAE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (EED 593)

Required Core (5 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)

Electives (6 credit hours)

Other Requirements (16 credit hours)
EED 529 Science Teaching Methods for Elementary School (2)
EED 532 Literacy Methods of Instruction and Assessment for Diverse Learners (3)
EED 534 Social Studies Methods and the Arts (2)
EED 537 K-8 Mathematics Methods and Assessment (3)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 531 Foundations of Literacy: The Science of Reading (3)

Culminating Experience (3 credit hours)
EED 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any content area or education-related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• personal statement
• three professional references
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The following are accepted to meet this requirement:

• TOEFL: Applicants must have a score of at least 90 on the iBT (taken in a testing center), with scores of 22-30 on the speaking and written portions. ASU's institutional code is 4007. Only electronic copies of scores are accepted.

• IELTS: Applicants must have an overall band score of at least 6.5, and speaking and writing portions must be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the program, and explain what led the applicant to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in one of the following file formats: MS Word (.doc), rich text (.rtf), Portable Document Format (.pdf), or text (.txt).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/elementary-education-masters/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to start or advance in educational careers working with children in grades K--8 in roles that do not require certification. Students gain skills in instruction, assessment, educational research and collaborating in teams --- all of which prepare them to work successfully in schools and other community-serving organizations. Roles may include noncertified educator in a charter or private school, or educator in nonschool settings.

This program may also be suitable for certified teachers who do not have an undergraduate or graduate degree in education.

Contact information

Division for Advancing Educator Preparation | FAB S200
https://education.asu.edu/
GraduateEducation@asu.edu
480-965-5555

Environmental Education (Certificate), Certificate (TEEVEDGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley, Online

Program description

The environmental education certificate program prepares individuals who are passionate about safeguarding and managing our environment with the requisite knowledge and skills needed to respond as an informed citizen. Through the program, students develop a suite of tools and enhance their environmental attitudes, values and knowledge, building skills that prepare them and communities to collaboratively undertake positive environmental action. The program also facilitates connections between actionable research findings and on-the-ground practices, creating synergistic spaces in which stakeholders collaborate to address dynamic environmental issues over time. Because of this commitment to application and iteration, the suite of environmental education tools can result in direct benefits to the environment and address conservation issues concretely.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (10 credit hours)
SCN 502 Environmental Education: Investigating Global Issues (3)
SCN 507 Biomimicry for Sustainable Innovations (3)
SCN 510 Conservation of Biological Diversity (4)

Other Requirements (5 credit hours)
SCN 504 Sonoran Desert Flora (3)
SCN 505 Tropical Ecology and Sustainable Development (3)
SCN 506 A Natural History of the Sonoran Desert (4)
SCN 508 Exploring Urban Environmental Education (3)
SCN 509 Environmental Education Project (1)
SCN 513 Nature Based Mindfulness (3)
SCN 598 Special Topics (1)

Additional Curriculum Information
Students complete five credit hours of other requirements. Students may take SCN 509 and SCN 598 multiple times for one credit hour each. Each course covers multiple topics. Courses should be selected in consultation with the program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should include candidates' academic qualifications, interests, motivations and other important factors relating to their academic pursuits.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/environmental-education) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Make evidence-based decisions regarding environmental issues.
Apply environmental literacy to design inclusive, nature-based solutions for sustainability issues.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) is available through a 12-day tropical ecology experience in Costa Rica. This global immersion experience post-spring program enables students to apply what they have learned about the tropical biome, its flora and fauna, and its cultural and global value.

Other opportunities include a 12-day biodiversity experience in Ecuador and the Galapagos. This global immersion experience post-spring program provides students with the opportunity to apply what they have learned about biodiversity conservation, preservation and restoration of biodiversity and its impact on cultural and global populations.

The environmental education certificate program supports international internships. For example, several students have used the contacts and resources within the program to complete internships in Costa Rica.

Career opportunities

Graduates are prepared to pursue positions such as:

Department of Environmental Conservation coordinator
education program leader in a local, state or national park
electric vehicle manufacturing worker
environmental education coordinator in a school
museum environmental education coordinator
outdoor education and camps director
solar power engineer and installer
summer camps director
summer programming coordinator
U.S. Environmental Protection Agency coordinator

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu/
graduateeducation@asu.edu
602-543-6358

Gifted Education (Certificate), Certificate (TEGEDGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

In the graduate certificate program in gifted education, students learn the theory and pedagogy needed to identify and serve gifted children. This program is for teachers, school administrators, school psychologists, early interventionists and family members who want to strengthen their ability to work with this population of learners.

Students learn how to identify learning potential and address specific needs of gifted and talented students. They acquire an understanding of gifted students' affective and academic needs and learn how to design and provide appropriately challenging, differentiated curriculum and instruction.

Students learn how to develop a continuum of gifted programs and services; work with school administrators, teachers, school boards and parents; and advocate for gifted students at local and national levels.

The program also provides coursework in gifted education required for the Gifted Education (K--12) endorsement from the Arizona Department of Education. Students should refer to the Arizona Department of Education website for additional requirements.

This program does not lead to any type of teacher certification in Arizona. This program also does not include the field experience and student teaching components or meet other requirements needed to become certified to teach.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (12 credit hours)
SPE 585 Creativity: Foundations of Research and Development in Gifted Education (3)
SPE 586 Advising the Gifted Learner: Social and Emotional Needs (3)
SPE 587 Special Populations in Gifted Education (3)
SPE 588 The Gifted Learner: Foundations of Identification, Education and Development (3)

Electives (3 credit hours)
SPE 572 Testing and Measurement in Gifted Education: Methods (3)
SPE 573 Differentiating Instruction for Gifted Learners: Teaching Methods (3)
SPE 589 Gifted Education Programming: Models, Methods and Services (3)

Additional Curriculum Information
A culminating experience is not required for this certificate program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree, preferably in education or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should describe the applicant's interests and reason for seeking this certificate.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-gifted-education/) for program descriptions and to request more information.

Career opportunities

Graduates have skills in creating and strengthening gifted programs, developing instructional methods, advocating for learners, teaching gifted learners and working with school districts and families.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Global Education, MEd (TEGLOEDMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in global education prepares professionals working in the field of international and comparative education to identify, analyze and address contemporary problems that cross borders, cultures and disciplines in a variety of educational settings.

This program is directed at individuals currently working in or interested in international education, especially those charged with the administration, planning and evaluation of educational programs and policies. Students gain a deeper understanding of the complex and dynamic relationship between global and local perspectives, develop practical solutions for key challenges, and experience working collaboratively across disciplines.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (GLE 593)

Required Core (18 credit hours)
GLE 501 Global Thinking in Education (3)
GLE 502 Inquiry in Global Education (3)
GLE 503 Evaluating Global Education Policies and Programs (3)
GLE 504 Exploring Global Education Issues in the Global Education Literature (3)
GLE 505 Evidence in Global Education Inquiry (3)
GLE 506 Applied Inquiry in Global Education: Developing Proposals for Field Research (3)

Electives or Research (9 credit hours)

Culminating Experience (3 credit hours)
GLE 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in global education, comparative education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• professional resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Applicants must complete a personal statement that describes their background, including the personal, educational

and professional experiences that led them to apply to this program. Applicants should follow the specific prompt found in the application.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/global-education-med/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate global education problems and practices using comparative frameworks.
Analyze comparative and international research literature to address contemporary educational problems across borders, cultures, and disciplines.
Design a participatory and inclusive action research project to address a global issue in education.

Career opportunities

Graduates have the skills needed for leading and continually improving the education sector. They are equipped with the research and analysis skills to gather evidence to inform, design and improve practices in order to strengthen systems that provide quality education for diverse populations. They are well prepared to expand or pursue a variety of careers in international education.

Career examples include:

global education subject matter expert
policy analyst
program and project manager
school administrator

Contact information

Division for Advancing Education Policy, Practice | FAB S200
https://education.asu.edu
graduateeducation@asu.edu
480-965-5555

Higher and Postsecondary Education, MEd (EDPOSTMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, Online

Program description

The Master of Education program in higher and postsecondary education is designed to facilitate the professional development of those who work in colleges and universities in administrative roles, as well as academic and student support positions.

The program develops leaders who have a strong understanding of the theory and practice of higher education administration, possess the ability to analyze issues confronting contemporary colleges and universities, and can

exercise innovative and effective decision-making.

Coursework addresses a range of practice-focused topics in the field, including the evolution of higher education in the United States and globally; organizational characteristics of colleges and universities; how students grow, change and develop within higher and postsecondary education institutions; important laws and policies pertaining to administrative practice in higher education; how colleges and universities are funded; how to work successfully with multiple stakeholders in contemporary higher education; and how to collect and use data to improve decision-making.

Students in this program can customize their coursework in either the leadership and organizational dynamic in higher education focal area or the student recruitment, retention and success focal area.

This 30-credit-hour, 10-course program is offered on a 7.5-week calendar in fall and spring semesters (six weeks in summer). Students may enroll part time or full time.

For the Tempe program, most courses are offered in a hybrid format with half of the content delivered face-to-face (weekday evenings) and half delivered through independent or technology-supported learning experiences and fieldwork. For the online program, all courses are offered in an asynchronous format.

This program culminates with a capstone project in which students demonstrate their knowledge gained through the program.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required capstone course (HED 597)

Required Core (9 credit hours)
HED 510 Introduction to Higher Education (3)
HED 572 Program Assessment and Evaluation in Higher Education (3)
HED 620 Love, Justice, Equity and Inclusion in Higher Education (3)

Other Requirements (3 credit hours)
HED 580 Practicum (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
HED 597 Capstone in Higher and Postsecondary Education (3)

Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives. Students choose a focal area from the list of electives and take nine credit hours from that focal area. Students then select six additional elective credit hours from any focal area.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English language proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/higher-postsecondary-education/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze how the historical foundations of contemporary American higher education influence contemporary issues in higher education.
Examine higher education policies and practices that affect marginalized student communities.
Design collaborative solutions to challenges in higher education.
Design an assessment or evaluation strategy using relevant data analysis techniques.
Develop an initiative to serve the social, material, and intellectual needs and desires of a unit in higher education.

Career opportunities

Graduates of the program have acquired skills in analyzing issues in higher education, working with diverse stakeholders, conducting research and making data-driven decisions, all of which prepare them to expand or pursue administrative roles at colleges and universities.

Career examples include:

college program director
student affairs leader
student life leader
student services staff

Contact information

Division for Advancing Education Policy, Practice | ED 120
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Institutional Research and Policy Analysis (certificate), Certificate (EDINSRESCE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

The graduate certificate in institutional research and policy analysis provides participants with the training needed to critically assess education programs and policies, and engage in data-driven decision-making. Students analyze data from applied settings, including their own schools or organizations.

Students glean insights from data that help them make effective decisions in classrooms, schools, districts and other organizations; present reliable and pertinent data to their colleagues and administrators; and develop analyses that can help them identify instructional changes aimed at improving student achievement.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Courses (15 credit hours)
EPA 532 Becoming an Informed Consumer of Educational Research (3)
EPA 555 Translating Research for Educational Change (3)
EPA 556 Data Analysis for Education Decision Makers (3)
EPA 559 Systematic Inquiry for Problem Solving (3)
EPA 565 Critical Topics in Education Policy (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa need to apply to and be accepted to a graduate degree program before being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for this certificate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates have skills in assessing education programs and policies, synthesizing research literature and conducting applied research. They are prepared to expand or pursue careers that involve the use and interpretation of data. Possible career opportunities include:

curriculum leader
policy analyst
program and project manager
research and data analyst
teacher administrator

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu/
GraduateEducation@asu.edu
480-965-5555

Interdisciplinary Education on Community Health and Wellbeing, MA (TEIECHWMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Arts program in interdisciplinary education on community health and well-being is designed to equip graduate students for roles in diverse educational settings, such as schools, community centers and adult educational

programs, with a primary focus on health and well-being. The degree places a significant emphasis on the various dimensions of wellness, illustrating how these dimensions can be leveraged to design, implement and assess educational and health promotion initiatives aimed at enhancing overall health and quality of life.

The program furnishes individuals with comprehensive knowledge and fundamental skills across a variety of areas, fostering a heightened understanding and appreciation for all individuals. It cultivates creative and innovative, systems-level thinking, encouraging a reimagining of health and disease management and facilitating the development of physical activity and health programming.

This program is a partnership with two colleges: Mary Lou Fulton Teachers College and Watts College of Public Service and Community Solutions. Students have the opportunity to select courses from disciplines such as physical activity and physical education, social work, recreational therapy, and nonprofit leadership and development.

In terms of design aspirations, the program stands out for its integration of intellectual disciplines, incorporating courses with theoretical perspectives from education and public service. Furthermore, it impacts societal transformation by promoting health across various community settings. The program is intentionally socially embedded, fostering connections between communities through numerous beneficial partnerships.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Tourism and Recreation Management, BS

Educational Studies, BAE

Recreational Therapy, BS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (EDU 593)

Required Core (3 credit hours)
COE 501 Introduction to Research and Evaluation in Education (3)

Leadership and Innovation (6 credit hours)
NLM 560 Leadership and Ethics in the Nonprofit Sector (3)
NLM 562 Social Entrepreneurship (3)
NLM 572 Community and Social Innovations (3)
PPE 585 Reading and Understanding Research: Physical Education and Beyond (3)
PPE 586 Physical Activity Leadership in Schools (3)

Other Requirements (18 credit hours)
CRD 551 Recreational Therapy and Play with Children, Youth and Families (3)
CRD 563 Advocacy in Therapeutic Recreation (3)
PPE 531 Analysis of Skill and Game Performance (3)
PPE 532 Principles of Sport Coaching (3)
PPE 550 Physical Education for the Elementary School (3)
PPE 555 Physical Education in the Secondary School (3)
PPE 598 Special Topics (1-4)

SWG 501 Human Behavior and Social Experiment I (3)
SWG 558 Introduction to Behavioral Health Services (3)
SWG 579 Critical Response to Mitigate Stress (3)

Culminating Experience (3 credit hours)
EDU 593 Applied Project (3)

Additional Curriculum Information
Students complete two courses from the Leadership and Innovation coursework list for a total of six credit hours. All topics of PPE 598 are approved, and the course can be taken for one to four credit hours, as long as the total Other Requirements coursework is equal to 18 credit hours. Courses should be selected in consultation with the program advisor. Substitutions may be made for other requirements coursework, including CRD 551, with department approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must provide a written statement of approximately 500 words that describes their personal interest in working in diverse, interdisciplinary educational and health promotion settings with a focus on health and well-being, the goals they wish to achieve while in the program and their short- and long-term career aspirations. The admission committee pays particular attention to the quality of writing, the ideas expressed and the relative match between the applicant and program goals.

Three professional or academic references should be provided.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/community-heath-wellbeing/) for program descriptions and to request more information.

Career opportunities

Graduates of this program can pursue careers as:

adult education directors
behavioral health technicians
corporate or employee wellness coordinators, managers or specialists
health communications developers
health and wellness coaches, managers or specialists
health promotions managers or specialists
life skills or lifestyle coaches
nonprofit organization or government office directors
professional mentors
recreational programmers
wellness operations specialists
wellness program managers or directors

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu/
GraduateEducation@asu.edu
602-543-6358

Leadership and Innovation, EdD (TELINEDD)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: West Valley, Online

Program description

The Doctor of Education program in leadership and innovation prepares scholarly practitioners and is designed for practicing educator-leaders who work in a range of settings who want to transform and improve their practice to create better learning opportunities for students of all ages.

This three-year, cohort-based program is offered in two modalities: hybrid (a combination of classes delivered at ASU's West Valley campus and online) and 100% online, with similar coursework and structure and taught by the same faculty.

Students begin as accomplished teachers, teacher leaders, principals, superintendents, higher education professionals or leaders in other educational contexts. Through the coursework, students deepen their abilities to lead change and implement innovation in their local educational organizations.

The program focuses on action research and includes required coursework, strengthening students' abilities to reflectively and critically think about problems of practice in one of the following contexts: pre-K--12 change leadership; higher education change leadership; or systems, professional and reimagined change leadership.

Differentiation among these contexts and students' interests occurs within the required coursework and program-related activities as students apply their learning to their specific work contexts.

Students conduct multiple cycles of inquiry throughout the program and learn research within their own workplace. They have multiple opportunities to virtually share their ongoing research throughout each academic year.

Leader-scholar communities, formed at the end of the first year and consisting of six to seven students and one faculty member, meet regularly for the second and third years of the program to supply academic and personal support. Through these communities, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Each student's community leader serves as the dissertation chair, along with two additional committee members who ultimately make up the doctoral committee.

Successful students make a commitment to continuing systematic study of their professional practice and sustaining innovation and leadership by making a positive difference in their local settings. The program aims to enable more thoughtful, intentional and informed leaders who are willing and able to implement and study continuous improvement.

The program makes a difference in the way a student thinks and works as a leader in education for the immediate and local benefit of school children, adult learners, schools or other organizations, and local communities.

The program is not designed to prepare students for academic research-oriented tenure-track positions.

STEM-OPT extension eligible: No

Degree requirements

60 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (21 credit hours)
TEL 702 Dynamic Contexts of Education (3)
TEL 703 Innovation in Teaching and Learning (3)
TEL 704 Leadership for Organizational Change (3)
TEL 705 Systems Change and Leadership (3)
TEL 706 Action Research in Doctoral Studies (3)
TEL 707 Reading the Research (3)
TEL 708 Collaborative Approaches to Data-informed Decision Making (3)

Advanced Professional Studies (6 credit hours)
TEL 710 Innovations in Disseminating Research (2)
TEL 780 Practicum (4)

Directed Field-based Study (3 credit hours)
TEL 709 Directed Field-based Study (3)

Research (18 credit hours)
TEL 701 Quantitative Methods in Action Research (3)
TEL 711 Strategies for Inquiry (3)
TEL 712 Mixed Methods in Action Research (3)
TEL 713 Qualitative Methods in Action Research (3)
TEL 792 Research (6)

Culminating Experience (12 credit hours)
TEL 799 Dissertation (12)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a master's degree in any field from a regionally accredited institution or equivalent.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• guided writing sample
• curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Recommenders should be individuals who can speak to the applicant's potential for success in a graduate program. The personal statement should describe the applicant's interests and reasons for seeking this degree, along with potential problems of practice to serve as a guide for applied research in the program.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/edd-leadership-and-innovation/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Synthesize theoretical perspectives and literature to address an identified problem of practice.
Implement an action research study by applying data analysis methods to their research.
Evaluate dominant narratives and power dynamics within educational systems that contribute to injustice at individual or systemic levels.

Career opportunities

Graduates possess skills in thinking critically about problems of practice, designing and conducting action research, collaborating with teams in leader-scholar communities and leading change in an educational organization. They are prepared to expand or pursue leadership positions in pre-K--12 schools and higher education institutions.

Career examples include:

community college leader
educational consultant
educational professional developer
principal

superintendent
teacher leader
university administrator

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
doctoraleducation@asu.edu
480-965-5555

Learning Design and Technologies (certificate), Certificate (EDEDTGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The graduate certificate program in learning design and technologies prepares students to design and develop digital learning experiences and advance them in a variety of settings. Students explore the principles and practices of designing instructional interventions and learning materials that combine theories in education, psychology, communication and technology to create effective learning experiences for adult learners.

Students learn how to identify instructional needs, training problems and performance gaps, and then design and develop instruction to mitigate those problems to improve organization performance and efficiency. Hands-on, scenario-based projects provide students with applied practice and help them develop effective communication strategies to enable them to effectively work on cross-functional teams.

The information covered in this program does not prepare graduates to teach in a K--12 classroom, although it may be helpful in a secondary role in their district --- such as creating or conducting professional development experiences, or in technology coordination or training. Students can pursue this graduate certificate while enrolled in other graduate programs at ASU.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours

Required Core (9 credit hours)
LDT 501 Foundations of Learning Design and Technologies (3)
LDT 502 Design and Development of Instruction (3)
LDT 503 Design of Effective Communications (3)

Other Requirement (6 credit hours)
LDT 504 eLearning Design and Development (3)
LDT 508 Design of Accessible and Inclusive Digital Learning (3)
LDT 511 Emerging Trends and Technologies for Learning Design (3)
LDT 513 Needs Assessment for Learning Design (3)
LDT 523 Design Principles of Online and Blended Learning (3)
LDT 598: Special Topics (3)

Additional Curriculum Information
Students select two of the courses in the other requirements section. Students should see their program advisors for the approved list of special topics for LDT 598. Courses should be selected in consultation with your program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement describing the applicant's interests and reason for seeking this degree
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F-1 or J-1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

GRE scores are not required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/instructional-design/) for program descriptions and to request more information.

Career opportunities

The field of instructional and learning design is continuing to expand as organizations seek to develop more of their training in online and blended formats. Preparation in instructional design positions graduates to work in a variety of settings, including K--12 schools or institutions of higher education, nonprofit organizations and corporations.

Graduates of this certificate program have broadened their instructional and learning design expertise for advancement in their fields in positions including:

content developer
corporate trainer
curriculum designer

distance or blended learning professional
eLearning developer
instructional designer
instructional technologist
learning designer
learning management system administrator
online learning specialist
online training manager
technology integration specialist
training consultant

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Learning Design and Technologies, MEd (EDTECHMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in learning design and technologies prepares students to build critical competencies related to designing quality online learning. It prepares students to use technology effectively to meet the needs of learners.

This program centers on the development and review of educational structures and emphasizes the design of learning environments, systems, applications and instructional materials. Students gain skills in planning, designing, implementing and evaluating instruction for multiple learning contexts.

Students take on education challenges and apply knowledge gained through coursework to a variety of projects, with a key area of focus formed around advanced educational technology.

All courses are taught online and combine a range of resources and technologies to facilitate direct interaction between students, program faculty members and classmates.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (LDT 593)

Required Core (24 credit hours)
LDT 501 Foundations of Learning Design and Technologies (3)
LDT 502 Design and Development of Instruction (3)
LDT 503 Design of Effective Communications (3)
LDT 504 eLearning Design and Development (3)
LDT 506 Evaluation of Learning Systems (3)
LDT 508 Design of Accessible and Inclusive Digital Learning (3)
LDT 513 Needs Assessment for Learning Designers (3)
LDT 523 Design Principles of Online and Blended Learning (3)

Elective (3 credit hours)

Culminating Experience (3 credit hours)
LDT 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/graduate/master-education-learning-design-technologies/) for program descriptions and to request more information.

Career opportunities

As digital education grows increasingly important in both academic and business settings, there is increasing demand for skilled educators who can thoughtfully and effectively integrate technology with pedagogy and instruction.

Graduates are professionals in learning design and technology who are prepared for careers in instructional design in a variety of business settings (corporate, industry, museum, nonprofit, public and government) as well as for technology leadership positions in traditional educational settings (K--12 schools, colleges and universities).

Career examples include:

curriculum designer or developer
distance learning director
e-learning developer
instructional designer
online teacher, mentor or trainer
technology integration specialist
training specialist, coordinator, manager or director

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Learning Sciences, MA (EDPSYCHMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

The Master of Arts program in learning sciences emphasizes an understanding that learning happens in many places outside of traditional school settings, and doing so focuses on the power of design thinking to improve educational systems.

The curriculum's systems-level approach includes cognitive, social and contextual factors as well as the interactions among them.

Individualized guidance provides students with the support they need to succeed in today's rapidly evolving educational environment. Students work with faculty to determine whether they will conduct an applied project or complete a research thesis study. Applied projects provide evidence of mastery of the skills and knowledge obtained through the program, while a thesis project requires students to complete a research study within an area of inquiry in the learning sciences and has the potential for scholarly recognition.

This program does not lead to teacher certification but can prepare graduate students for doctoral credentials in education after graduation.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (LSE 593), or
30 credit hours, a thesis and a written comprehensive exam

Required Core (12 credit hours)
LSE 540 Theoretical Views of Learning in the Learning Sciences (3)
LSE 542 Research Methods in the Learning Sciences (3)
LSE 570 Case Exemplars of Learning Systems (3)
LSE 571 History of the Learning Sciences (3)

Other Requirements (6 credit hours)
LSE 591 Seminar (6)

Electives (6 or 9 credit hours)

Culminating Experience (3 or 6 credit hours)
LSE 593 Applied Project (3) or
LSE 599 Thesis (6)

Additional Curriculum Information
Students completing an applied project complete nine credit hours of electives. Students completing a thesis complete six credit hours of electives. Electives must be taken at the graduate level and are selected in conjunction with the student's advisor. LSE 591 should be taken for three credit hours twice, for a total of six credit hours.

With advisor approval, EDP 540 may be taken in place of LSE 540 for the core requirement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and the personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates possess skills in facilitating learning using an interdisciplinary approach, drawing on cognitive science, educational psychology, computer science, anthropology, sociology, information sciences, neurosciences, instructional design and more. They are prepared to pursue a variety of educational careers tailored to their professional goals.

Graduates are equipped to design effective learning and teaching systems in a wide variety of settings, such as museums, libraries, workplaces and schools. The program prepares graduates to become leaders in the development, integration and improvement of these systems.

Career examples include:

- educational and interactional designer
- educator in community organization
- educator in educational institution
- training specialist, coordinator, manager or director

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Learning, Literacies and Technologies, PHD (EDCIPHD)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

The Doctor of Philosophy program in learning, literacies and technologies is designed to prepare scholars who address socially significant educational programs and transform pre-K--20 educational programs through rigorous research, transdisciplinary engagements and educational interventions. Students rely on multiple theoretical and methodological perspectives to explore, influence and transform educational institutions and their practices.

Students begin engaging in research studies during their first semester and continue throughout the four-year program. Faculty members with diverse disciplinary backgrounds collaborate with doctoral students, individually and in teams, to design powerful studies, implement them in authentic settings, collect and analyze data, write research reports, and present and publish research primarily in academic journals. Students prepare to enter the academy and to conduct theoretical, conceptual and humanities-based educational research. Students in these areas are encouraged to apply to the program.

Academic study and research in the learning, literacies and technologies program focuses on the nature of curriculum learning and literacies for diverse learners in various educational contexts. Furthermore, students in this program examine how the use of technologies can support learning, design learning environments and understand the conditions under which learning occurs.

Students develop areas of specialization with faculty advisors and doctoral committee members, working on engaging educational research, and thus lead the way to innovate and explore how new technologies can assist literacies for various learning contexts. Past examples of student specializations include mathematics education, gender and equity

studies, science education, and curriculum studies. Students are encouraged to craft their own programs of specialization and to work with faculty members from across the university.

STEM-OPT extension eligible: No

Degree requirements

85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

Required Core (9 credit hours)
DCI 701 Transdisciplinary Seminar I (3)
DCI 702 Transdisciplinary Seminar II (3)
DCI 706 Academic Writing (3)

Specialization (15 credit hours)

Research (12 credit hours)
COE 502 Introduction to Data Analysis (3)
COE 503 Introduction to Qualitative Research (3)
advanced research methods course (6)

Electives (37 credit hours)

Culminating Experience (12 credit hours)
DCI 799 Dissertation (12) or
PPE 799 Dissertation (12) or
SPE 799 Dissertation (12)

Additional Curriculum Information
Students entering the doctoral program with a master's degree in a related discipline may count up to 30 credit hours from the master's degree toward the 85 credit hours. In addition, with program and Graduate College approval, a student may use up to 12 additional credit hours toward the doctorate if documentation is provided showing that those credit hours were not part of the master's degree.

As part of electives, students complete seven credit hours of inquiry courses selected in consultation with the program advisor.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's and master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation

• personal statement
• guided writing sample
• curriculum vitae
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and one must be from an academic who can speak to the applicant's potential for graduate study.

The personal statement should describe the applicant's interests and their reason for seeking this degree.

For the guided writing sample, applicants are asked to submit an essay response to a two question prompt.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates are educational researchers who serve as scholars, leaders and teacher educators engaged in the design, development and use of literacies and technologies that promote learning. They are stewards of their educational field, working across disciplinary boundaries to address the learning challenges of the new millennium.

Career examples include:

college program director
educator
instructional designer
instructional specialist
professor
researcher
teacher educator

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
doctoraleducation@asu.edu
480-965-5555

Online Teaching for Grades K-12 (certificate), Certificate (TEEDTGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, Online

ASU is not currently accepting applications for this program. Prospective students should consider the instructional design and performance improvement graduate certificate.

Program description

This certificate program prepares educators to design systems for learning within a broad range of organizations. The curriculum includes practical application of research on learning, design methods and organizational dynamics.

Students who complete the certificate program are prepared to be effective members and leaders of teams who redesign education in pre-K--20 and other settings.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (EDT 580)

The certificate requires five courses, each consisting of three credit hours. The culminating experience is an electronic portfolio that is completed in EDT 580.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• personal statement describing the applicant's interests and reason for seeking this degree
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants should have at least one year of professional education experience.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Secondary Education (Teacher Certification), MEd (TESCERTMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Education program in secondary education with a concentration in teacher certification is for those who already have a bachelor's degree in any field and want to become licensed to teach grades 6--12. The program is designed to foster strong professional growth and leadership development.

The program of study is flexible, and students can complete it within five semesters with the appropriate internship and student teaching placements. Students can also enroll part time over additional semesters.

Mary Lou Fulton Teachers College faculty members actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts.

A series of professional experiences assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings.

This program offers two routes leading to Arizona teacher certification:

• In the traditional certification pathway, students complete three professional experiences: two internships and one student teaching.
• The alternative certification pathway provides an different pathway to teacher certification for individuals who are currently employed full time by a school as a teacher of record. To qualify, individuals must secure a full-time teaching position in an approved content area and grade level.

The coursework is the same in both certification pathways and culminates in an applied project in which students apply what they've learned to address a problem of practice or topic related to education.

Graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6--12.

Physical education content area students earn an institutional recommendation from ASU for Arizona teacher certification in Secondary Education, 6--12, along with the Physical Education, Pre-K--12 endorsement. This program does not lead to teacher certification in any other elementary content area.

Art education content area students earn an institutional recommendation from ASU for Arizona teacher certification in Secondary Education, 6--12, along with the Art Education, Pre-K--12 endorsement. This program does not lead to teacher certification in any other elementary content area.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering (Robotics), BSE

Educational Studies, BAE

Engineering (Mechanical Engineering Systems), BSE

Engineering (Electrical Systems), BSE

Engineering (Automotive Systems), BSE
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (SED 593) - Alternative Certification Pathway, or
30 credit hours including the required applied project course (SED 593) - Traditional Certification Pathway

Required Core (11 credit hours)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 532 Literacy Across the Disciplines (3)

Concentration (6 credit hours)
SED 557 Internship I (2)
SED 567 Internship II (2)
SED 571 Apprentice Teaching I (2)
SED 574 Apprentice Teaching II (2)
SED 576 Internship III (2)
SED 578 Residency/Student Teaching in Secondary Education (2)
SED 579 Apprentice Teaching III (2)
SED 596 Residency/Student Teaching (2)

SEI Endorsement (3 credit hours)
ELL 515 Structured English Immersion (SEI) Methods (3)

Other Requirements (7 credit hours)
PPE 550 Physical Education for Elementary School (3)
PPE 555 Physical Education for Secondary School and PPE 566 Conceptual Physical Education (1)
SED 510 General Methods and Assessment (4)
SED 511 ELA Methods and Assessment (4)
SED 512 Secondary Mathematics Methods and Assessment (4)
SED 513 Science Teaching Methods for Secondary School (4)
SED 514 Methods of Teaching Secondary Social Studies (4)
TEL 598 Special Topics (4)

Culminating Experience (3 credit hours)
SED 593 Applied Project (3)

Additional Curriculum Information
Students select one of the alternative certification or traditional pathways.

Students should see an advisor for the Other Requirements section.

Alternative pathway students choose six credit hours of apprentice teaching and internship from concentration requirements. At least four credit hours must be apprentice teaching.

Traditional pathway students choose six credit hours of internship and student teaching from Concentration Requirements. At least two credit hours must be internship and at least two credit hours must be student teaching.

If a student plans to switch options mid-program, the student must reach out to the academic unit for appropriate advisement.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/secondary-education-teacher-certification/) for program descriptions and to request more information.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. Graduates of the program gain skills in teaching, conducting research, using technology and collaborating in teams --- all of which prepare them to succeed in educational careers working with learners in grades 6--12.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.To be eligible for secondary certification in Arizona, students must:

pass the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments
or • hold a conferred bachelor's or master's degree with the content area listed in the degree title, and receive a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Secondary Education, MEd (TESECEDMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

This program is no longer accepting applications for the Secondary Theatre Education Track.

Program description

The Master of Education program in secondary education prepares students to start a career working with students in grades 6--12. It is designed for individuals who do not need to obtain teacher certification. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

Mary Lou Fulton Teachers College faculty members actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of education concepts.

The program culminates in an applied action research project in which students apply what they have learned to address a challenge in education.

The master's degree does not lead to teacher certification. Students interested in certification should enroll in the MEd program in secondary education with a concentration in teacher certification, or in the teacher certification graduate certificate program.

STEM-OPT extension eligible: No

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Degree requirements

30 credit hours including the required applied project course (SED 593)

Required Core (11 credit hours)
TEL 502 Exploration of Education: Child/Adolescent Development and Foundations of Special Education (3)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)
TEL 532 Literacy Across the Disciplines (3)

Other Requirements (7 credit hours)
PPE 550 Physical Education for the Elementary School (3)
PPE 555 Physical Education in the Secondary School (3) and PPE 566 Conceptual Physical Education (1)
SED 510 General Methods and Assessment (3)
SED 511 ELA Methods and Assessment (4)
SED 512 Secondary Mathematics Methods and Assessment (4)
SED 513 Science Teaching Methods for Secondary School (4)
SED 514 Methods of Teaching Secondary Social Studies (4)
TEL 598 Topic: Methods in Secondary Education (4)

Electives (9 credit hours)

Culminating Experience (3 credit hours)
SED 593 Applied Project (3)

Additional Curricular Information
Students should see an advisor for other requirements. Students select courses depending on their content area.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any content area or education-related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• personal statement
• proof of English proficiency
• three professional references

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should describe the personal and professional goals that motivated the applicant to apply to the graduate degree and explain what led them to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in one of the following file formats: MS Word (.doc), rich text (.rtf), Portable Document Format (.pdf) or text (.txt).

The names, email addresses and institutions or companies of professional references who will submit electronic letters of recommendation are required. References should be individuals who have worked with the applicant in professional or academic capacities and who can attest to their aptitude in this field and their ability to complete graduate-level coursework.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/masters-secondary-education/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to start or advance in educational careers working with children in grades 6--12 in roles that do not require certification. They have gained skills in instruction, assessment, educational research and collaborating in teams --- all of which prepare them to successfully work in schools and other community-serving organizations. Roles may include noncertified educator in a charter or private school, or educator in nonschool settings.

This program also may be suitable for certified teachers who do not have an undergraduate or graduate degree in education.

Contact information

Division for Advancing Educator Preparation | FAB S200
https://education.asu.edu/
GraduateEducation@asu.edu
480-965-5555

Special Education (Applied Behavior Analysis), MA (TESPEABAMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

Courses for the Master of Arts program in special education with a concentration in applied behavior analysis are online and combine an assortment of resources and technologies to provide students with the opportunity to interact directly with program faculty members and classmates. Applied projects and assignments enable students to focus on the population with which they plan to work while gaining the knowledge and skills they need to use applied behavior analysis across various populations and settings. Program graduates are well prepared to provide applied behavior analysis and evidence-based consultative services and support to clients, organizations, community and family

members.

Mary Lou Fulton Teachers College offers university coursework verified by the Association for Behavior Analysis International® as meeting the coursework requirements for eligibility to sit for the Behavior Analyst Certification Board® Board Certified Behavior Analyst® examination. Once certified, these professionals are equipped to meet diverse behavior needs and make a lasting difference in the community. The course sequence meets the Behavior Analyst Certification Board-required 315 classroom hours of graduate-level instruction aligned with the BCBA/BCaBA Task List (fifth edition) and Test Content Outline (TCO 6th edition). BCBA-supervised independent fieldwork supervision hours, required for certification, are arranged and completed by the student separately from their ASU coursework. An optional remote BCBA supervised independent fieldwork practicum (SPE 580 Applied Behavior Analysis Practicum) is available.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (SPE 593), or
30 credit hours including the required capstone course (SPE 597)

Required Core (3 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Concentration (18 credit hours)
SPE 526 Concepts and Principles of Applied Behavior Analysis (3)
SPE 528 Assessment and Intervention Programming for Skill Acquisition (3)
SPE 529 Functional Behavior Assessment and Behavior Change Procedures (3)
SPE 530 Fundamentals of Organizational Behavior Management (3)
SPE 563 Philosophical Foundations of Applied Behavior Analysis in Educational Settings (3)
SPE 567 Ethics of Applied Behavior Analysis (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3) or
SPE 597 Capstone (3)

Additional Curriculum Information
Students may choose to complete a remote supervised independent fieldwork practicum (SPE 580).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee

• official transcripts
• personal statement
• three letters of recommendation
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should demonstrate the applicant's goals with respect to the program outcomes and success in a graduate and online program. The statement should also demonstrate high-quality writing and awareness that the student understands the demands of graduate school.

Three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program are required for admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-special-education-applied-behavior-analysis/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Implement effective behavior assessment procedures based on identified target behaviors.
Implement effective data collection and analysis methods to evaluate treatment effect.
Implement appropriate behavior change procedures based on relevant assessment data.

Career opportunities

Professionals with expertise in evidence-based practices in applied behavior analysis are in high demand across sectors and industries, including education, business and health care.

Career examples include:

applied behavior analysis therapist
behavior consultant
behavior specialist
board certified behavior analyst
early interventionist
educator
organizational behavior management specialist

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Education Policy, Practice | FAB S200
https://education.asu.edu
graduateeducation@asu.edu
480-965-5555
Admission deadlines (https://education.asu.edu/admission/graduate-students)

Special Education (Autism Spectrum Disorder), MA (TESPEASDMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Master of Arts program in special education with a concentration in autism spectrum disorders prepares graduates to provide important services for children and adults with autism spectrum disorders.

Coursework in this program covers evidence-based interventions to support individuals with autism spectrum disorders, as well as collaboration and consultation skills that empower educators to most effectively work with families and other professionals. In addition, students learn how to dispel common misconceptions about autism spectrum disorders and how to determine the credibility of sources.

The practicum component of the curriculum enables students to apply the topics covered in theoretical courses to practical scenarios. Candidates build experience supporting individuals with autism spectrum disorders by delivering 45 direct contact hours of approved activities under the direction of a supervisor and instructor.

The master's program requirements align with the autism specialist standards of the Council for Exceptional Children.

STEM-OPT extension eligible: No

Degree requirements

30 credit hours including the required applied project course (SPE 593), or
30 credit hours including the required capstone course (SPE 597)

Required Core (3 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Concentration (12 credit hours)
SPE 521 Foundations of Autism Spectrum Disorders (3)
SPE 540 Family-Centered Practices (3)
SPE 541 Consultation Frameworks and Issues (3)
SPE 566 Applied Behavior Analysis in Inclusive Settings (3)

Electives or Research (9 credit hours)

Other Requirement (3 credit hours)
SPE 680 Practicum (3)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3) or
SPE 597 Capstone (3)

Additional Curriculum Information
Each student completes a practicum customized to individual interests and abilities. For the culminating experience, students may elect to complete a capstone experience or an applied project, based on personal and professional interest and need.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants must have earned a bachelor's or master's degree in education, psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts*
• written statement
• professional resume
• three letters of recommendation
• proof of English proficiency

*A transcript must show the bachelor's degree already conferred; in-progress bachelor's degrees are not accepted.

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically evaluate research literature generated in the field of autism.
Evaluate intervention plans for individuals with autism spectrum disorder.
Consult with families and other professionals on the care of individuals with autism spectrum disorder.

Career opportunities

There is increasing demand for the specialized skills and knowledge needed to properly support children and adults, including family members, impacted by autism. Program graduates are well prepared to provide important services within a variety of roles, including as paraprofessionals, psychologists, speech pathologists, therapists and family members.

Career examples include:

community support professional
educator
interventionist

Contact information

Division for Advancing Education Policy, Practice | FAB S200
https://education.asu.edu/
graduateeducation@asu.edu
480-965-5555

Special Education (Teacher Certification), MEd (TESECRTMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

MLFTC is currently not accepting applications for the Intensive Support Needs-Moderate/Severe track. Advisors are available to discuss other options. Email GraduateEducation@asu.edu or call 602-543-6358.

Program description

The Master of Education program in special education with a concentration in teacher certification is for those who already have a bachelor's degree in any field and want to become licensed to teach special education or those who want to pursue dual certification in special education and elementary education. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and leadership development.

The special education single certification program of study is flexible, and students can complete it within five semesters with the appropriate internship and residency placements. The special education dual certification program can be completed in five or six semesters, depending on the semester start. Students can also enroll part time over additional semesters.

Two routes are offered that lead to Arizona teacher certification:

• Traditional certification route: Students can pursue single certification in special education for mild/moderate disabilities, or dual certification in special education for mild/moderate levels and elementary education. For single certification in special education for mild/moderate disabilities, students complete two internships and student teaching. For dual certification, students complete an elementary and special education internship during the first two semesters. They then complete two eight-week teaching student teaching experiences, one in a special education setting and one in an elementary school setting. Single special education certification graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Mild/Moderate Disabilities. Dual certification graduates earn an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Mild/Moderate Disabilities, K--12, and Elementary Education, K--8.
• Alternative certification route: Individuals who are currently employed full time by a school as a teacher of record can pursue an alternative certification route. To qualify, individuals must secure a full-time teaching position in an approved special education setting. This route leads to single certification in special education for mild/moderate disabilities; students are not able to pursue dual certification.

Graduates earn an institutional recommendation from ASU that is recognized by ADE for teacher certification in Mild/Moderate Disabilities, K--12.

The coursework is the same for both certification routes and culminates in an applied project in which students apply what they have learned to address a problem of practice or topic related to education.

STEM-OPT extension eligible: No

Degree requirements

34 credit hours including the required applied project course (SPE 593) - Mild-Moderate Alternative Certification Pathway, or
34 credit hours including the required applied project course (SPE 593) - Mild-Moderate Traditional Certification Pathway, or
40 credit hours including the required applied project course (SPE 593) - Mild-Moderate Traditional Certification Pathway - Dual Elementary Education, or
44 credit hours including the required applied project course (SPE 593) Intensive Support Needs - Moderate/Severe Alternative Certification Pathway, or
44 credit hours including the required applied project course (SPE 593) Intensive Support Needs - Moderate/Severe Traditional Certification Pathway

Required Core (5 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)

Concentration (6 or 8 credit hours)
Selected from the following according to certification option:
EED 557 Internship I (2)
EED 567 Internship II (2)
EED 582 Residency in Elementary Education for Dual Certification Semester Three Professional Experiences (2)
SPE 556 Internship I (2)
SPE 570 Internship II (2)
SPE 571 Apprentice Teaching I (2)
SPE 574 Apprentice Teaching II (2)
SPE 576 Internship III (2)
SPE 578 Residency/Student Teaching in Special Education (2)
SPE 579 Apprentice Teaching III (2)
SPE 581 Dual Certification Residency (2)
SPE 596 Residency/Student Teaching (2)

SEI Endorsement (3 credit hours)

Track (17, 21 or 27 credit hours)
Mild-Moderate Track (17 credit hours)
Mild-Moderate Traditional Certification Pathway - Dual Elementary Education (21 credit hours)
Intensive Support Needs - Moderate/Severe Track (27 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3)

Additional Curriculum Information
For the single certification concentration requirements, students complete six credit hours of professional experiences. For traditional certification in special education, at least two credit hours must be SPE Internship, and at least two credit hours must be SPE student teaching. For alternative certification in special education, at least four credit hours must be in Apprentice Teaching. Students who switch from Alternative Certification may substitute Apprentice Teaching for

Student Teaching with permission from the program. Students who wish to their switch certification option midprogram should reach out to the academic unit for appropriate advisement.

Students who are seeking dual certification in elementary and special education must complete two internships --- one in elementary and one in special education --- and both an EED and SPE student teaching placement; this extends the teaching certification requirement by two credit hours, for a total of eight credit hours. Students who switch from Alternative Certification may substitute Apprentice Teaching for Student Teaching with permission from the program.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• three letters of recommendation
• personal statement
• resume
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/special-education-teacher-certification/) for program descriptions and to request more information.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Students gain skills in teaching, conducting research, using technology and collaborating in teams --- all of which prepare them to successfully work with diverse learners in grades K--12.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.To teach in an Arizona public school, graduates must pass the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu
GraduateEducation@asu.edu
480-965-5555

Special Education, MA (EDSPEDMA)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

This program is not accepting applications at this time. Applicants interested in the MA in Special Education should apply directly to the MA in Special Education (Applied Behavior Analysis), the MA in Special Education (Autism Spectrum Disorders), the MEd in Special Education or the MEd in Special Education (Teacher Certification).

Program description

The Master of Arts program in special education is a noncertification degree program meant to advance the capacity of professionals, communities of practice and school, and other service systems to provide education and related services in inclusive and least-restrictive settings.

Graduates are able to design and deliver education and related services for populations with diverse needs. The skills developed through this degree program include systematic planning for all individuals, support of positive behavior and advocacy for new, research-based approaches to education and related services.

STEM-OPT extension eligible: No

Degree requirements

36 credit hours and a thesis, or
36 credit hours and an applied project, or
36 credit hours, a written comprehensive exam and an oral comprehensive exam

Required Core (3 credit hours)
SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3) or
SPE 597 Capstone (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• letter of intent or written statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Division for Advancing Education Policy, Practice | FAB S200
https://education.asu.edu
graduateeducation@asu.edu
480-965-5555

Special Education, MEd (ECSPEDMED)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

This program is currently not accepting applications for the Intensive Support Needs - Moderate/Severe track. Advisors are available to discuss other options. Students can email GraduateEducation@asu.edu or call 602-543-6358.

Program description

The Master of Education program in special education prepares students to further their knowledge of special education for learners in grades K--12 with mild/moderate disabilities. It is designed for individuals who do not need to obtain teacher certification. The program builds on connections between educational design and decision-making and is designed to foster strong professional growth and development.

Mary Lou Fulton Teachers College faculty actively engage in the educational research community, bringing new and relevant knowledge into the program. Students engage in their own research through applied project coursework, deepening their knowledge and improving their practice through research, critical evaluation and application of

education concepts. The program culminates in an applied research project in which students apply what they have learned to address a challenge in special education.

The master's degree program does not lead to teacher certification. Students interested in certification should enroll in the MEd program in special education with a concentration in teacher certification.

STEM-OPT extension eligible: No

Degree requirements

31 credit hours including the required applied project course (SPE 593) - Mild-Moderate Track, or
35 credit hours including the required applied project course (SPE 593) - Intensive Support Needs - Moderate/Severe

Required Core (5 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)

Track (17 or 27 credit hours)
Mild/Moderate Track (17 credit hours)
Intensive Support Needs - Moderate/Severe Track (27 credit hours)

Elective (0 or 6 credit hours)

Culminating Experience (3 credit hours)
SPE 593 Applied Project (3)

Additional Curriculum Information
Students select a track in either Mild/Moderate or Intensive Support Needs - Moderate/Severe. Students should see the academic unit for track course requirements.

Students in the Mild/Moderate track select six credit hours for electives in consultation with the academic unit. The Intensive Support Needs - Moderate/Severe track does not include elective credit hours.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any content area or education-related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should describe the personal and professional goals that motivate the applicant to apply to the graduate program and explain what led the applicant to this career path and how they will excel in the field of special education. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in one of the following file formats: MS Word (.doc), rich text (.rtf), Portable Document Format (.pdf), or text (.txt).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/graduate/master-special-education/) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to start or advance in educational careers working with diverse learners in grades K--12 in roles that do not require certification. Students gain skills in instruction, assessment, educational research and collaborating in teams --- all of which prepare them to successfully work in schools and other community-serving organizations. Roles may include noncertified educator in a charter or private school, or educator in a nonschool setting.

This program also may be suitable for certified teachers who do not have an undergraduate or graduate degree in education.

Contact information

Division for Advancing Educator Preparation | FAB S200
https://education.asu.edu/
GraduateEducation@asu.edu
480-965-5555

Teacher Certification (Certificate), Certificate (TETEACGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The graduate certificate in teacher certification is a flexible certification program designed for students who want to obtain teaching licensure in a compressed time frame while working in a classroom or taking the traditional route for certification.

Through online courses, video-based teaching observations and supportive coaching, the certificate qualifies as a

pathway to Arizona teacher certification in elementary education, secondary education or special education. Coursework may be completed over the span of three semesters, depending on the start date.

There are two pathways for this program:

The alternative pathway requires students to be employed as a full-time teacher of record aligned with their certification area (elementary, secondary or special education) before enrolling in the program.

The traditional pathway allows students to complete an internship and student teaching placement in their certification area (elementary, secondary or special education).

Students can choose to transfer credit hours to a Master of Education program in elementary education, an MEd program in secondary education, or an MEd program in special education within three years of starting the graduate certificate program.

Graduates earn an institutional recommendation for Elementary Education, K--8; Secondary Education, 6--12; or Special Education, K--12 Mild/Moderate Disabilities through the Arizona Department of Education.

To be eligible for an elementary, secondary or special education certification in Arizona, students must:

pass the appropriate Arizona educator subject knowledge exam and the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments
or • hold a conferred bachelor's or master's degree with the content area listed in the degree title and receive a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments

STEM-OPT extension eligible: No

Degree requirements

25 credit hours - Secondary Education Track - Physical Education, Alternative Certification, or
25 credit hours - Secondary Education Track - Physical Education, Traditional Certification, or
25 credit hours - Secondary Education Track, Alternative Certification, or
25 credit hours - Secondary Education Track, Traditional Certification, or
28 credit hours - Elementary Education Track, Alternative Certification, or
28 credit hours - Elementary Education Track, Traditional Certification, or
29 credit hours - Special Education Mild/Moderate Track, Alternative Certification, or
29 credit hours - Special Education Mild/Moderate Track, Traditional Certification

Required Core (5 credit hours)
TEL 510 Instructional Design, Planning and Assessment (2)
TEL 517 Creating Equitable Learning Environment: Decision Making and Action (3)

Tracks (13, 16, or 17 credit hours depending on track to certification)
Elementary Education Track (16)
Secondary Education Track, Traditional or Alternative Certification (13)
Secondary Education Track - Physical Education Traditional or Alternative Certification (13)
Special Education Mild/Moderate Track, Traditional or Alternative Certification (17)

SEI Endorsement (3 credits)
ELL 515 Structured English Immersion (SEI) Methods (3)

Other Requirements (4 credit hours)
EED 557 Internship I (2)
EED 571 Apprentice Teaching I (2)

EED 574 Apprentice Teaching II (2)
EED 578 Residency/Student Teaching in Elementary Education (2)
SED 557 Internship I (2)
SED 571 Apprentice Teaching I (2)
SED 574 Apprentice Teaching II (2)
SED 578 Residency/Student Teaching in Secondary Education (2)
SPE 556 Internship I (2)
SPE 571 Apprentice Teaching I (2)
SPE 574 Apprentice Teaching II (2)
SPE 578 Residency/Student Teaching in Special Education (2)

Additional Curriculum Information
The courses for the track and other requirements depend on the student's track and route to certification (traditional or alternative).

If a student is on the alternative path for certification and moves over to a traditional path, they may be able to substitute student teaching for apprentice teaching with program approval.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:
• graduate admission application and application fee
• official transcripts
• professional resume
• personal statement
• proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. The following are accepted to meet this requirement:

• TOEFL: Applicants must have a score of at least 90 on the internet based test (iBT, taken in a testing center), with scores of 22-30 on the speaking and written portions. ASU's institutional code is 4007. Only electronic copies of scores are accepted.
• IELTS: Applicants must have an overall band score of at least 6.5, and speaking and writing portions need to be at least 6.5 (6 = Competent User, 7 = Good User). No institutional code is needed.

The personal statement should describe the personal and professional goals that motivated applicant to apply to the graduate certificate, and explain what led them to this career path and how they will excel as an educator. The admission committee pays particular attention to the quality of writing and ideas expressed in the personal statement.

The professional resume should be one to two pages and include relevant personal, professional, educational and community activities.

The personal statement and professional resume should be prepared in an MS Word (.doc), Rich Text (.rtf), Portable Document Format (.pdf), or Text (.txt) file format.

Fingerprint clearance is required for enrollment in the first term of placement. A copy of the applicant's identify verified fingerprint clearance card (front and back), also known as an IVP card, should be included or a copy of the Arizona DPS fingerprint card application if the IVP card has not yet been acquired at the time of program application. Students should visit the DPS site for information on applying for and receiving an IVP fingerprint clearance card. For out-of-state students, confirmation of fingerprint clearance or a background check in the host state is equivalent to IVP fingerprint clearance.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/graduate-teacher-certification/) for program descriptions and to request more information.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. Students gain skills in teaching, using technology and collaborating in teams, all of which prepare them to succeed in a career educating learners in elementary education (grades K--8) or secondary education (grades 6--12).

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | FAB S200
https://education.asu.edu/
graduateeducation@asu.edu
480-965-5555

Technology for Teaching and Learning (certificate), Certificate (EDEDTTGRCT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

ASU is not currently accepting applications for this program.

Program description

The graduate certificate in technology for teaching and learning is geared toward classroom teachers who want to become skilled in integrating technology in the curriculum.

Students acquire the knowledge and skills needed to meet the National Education Technology Standards for Teachers,

developed by the International Society for Technology in Education and being adopted by the National Council for Accreditation for Teacher Education.

The certificate program can be completed within two years.

STEM-OPT extension eligible: No

Degree requirements

15 credit hours including the required capstone course (EDT 591)

Students must successfully complete four out of a possible six educational technology courses before completing a three credit hour required capstone course.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applications are currently closed.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Contact information

Dean, Mary Lou Fulton College for Teaching & Learn | ED 118
https://education.asu.edu/
GraduateEducation@asu.edu
480-965-5555

Technology for Public Health, School of

Public Health (Public Health Technology), MPH (THPHPHTMPH)

College/School: School of Technology for Public Health

Campus: Downtown Phoenix

Program description

Locally and globally, nothing is more important than protecting the public's health but across the world, public health systems are not structured in ways that empower them to swiftly and effectively respond to evolving threats.

The Master of Public Health program prepares a new type of leader, one who is prepared to create innovative solutions by building and deploying advanced technologies for measuring, screening, preventing or intervening in public health.

The program, which emphasizes health promotion and disease prevention, particularly in vulnerable populations, offers coursework that seamlessly weaves together core public health competencies with elements of human-centered technology, including:

• data science
• design thinking and systems engineering
• environmental health
• epidemiology and biostatistics
• geographic information systems
• health policy and ethics
• leadership, entrepreneurship and innovation
• programming languages
• social and behavioral sciences
• web and app design

The concentration in public health technology bridges the disconnect between public health and other historically siloed disciplines to create impact at scale.

Training students to be proficient in public health and technology, however, requires more than classroom-based learning. The program exposes students to a constellation of tools and technologies, and it teaches them how to apply these effectively in authentic settings. Community organizations and transdisciplinary faculty lead students in an applied learning experience that allows learners to experience applicable population health issues while demonstrating public health competencies. An integrative learning experience offers students the opportunity to integrate and synthesize competencies from multiple disciplines.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

49 credit hours including the required capstone course (TPH 585)

Required Core (15 credit hours)
ASB 554 One Health (3)
BMI 515 Applied Biostatistics in Medicine and Informatics (3)
POP 644 Epidemiology in Population Health (3)
TPH 501 Foundations of Public Health I (3)
TPH 502 Foundations of Public Health II (3)

Concentration (18 credit hours)
TPH 551 Public Health Technologies (3)
TPH 552 Systems Design and Engineering for Public Health (3)
TPH 553 Health Technology and Equity (3)
TPH 554 Artificial Intelligence and Machine Learning in Public Health (3)
TPH 555 Health Communication, Behavior and Technology (3)
TPH 557 Public Health Technology Ethics, Policy and Law (3)

Other Requirements (4 credit hours)
TPH 580 Practicum (3)
TPH 591 Seminar (1)

Restricted Electives (9 credit hours)

Culminating Experience (3 credit hours)
TPH 585 Capstone in Public Health Technology (3)

Additional Curriculum Information
The approved topic for TPH 591 is Entrepreneurship and Leadership for Public Health.

The capstone in the public health technology concentration fulfills the integrative learning experience requirement for the MPH degree. The capstone requires the student to produce a high-quality written product that is appropriate for the student's educational and professional objectives. Written products can vary, and might include the following: program evaluation report, literature review, training manual, policy statement or legislative testimony with accompanying supporting research. Other more technology-based examples might include the code of a prototype software, bookended with an introduction and discussion that explains how this prototype demonstrates integration of foundational and concentration competencies. A poster presentation is not an acceptable high-quality written product. Ideally, the written product is developed and delivered in a manner that is useful to external partners, such as nonprofit or governmental organizations. At least one faculty member reviews each student's performance on the written work and evaluates it based on a faculty-developed rubric to ensure the written work addresses the selected foundational and concentration-specific competencies.

The practicum, or applied practice experience, is a foundational component of the MPH curriculum, providing students with the opportunity to apply their experience with public health technologies, theories and competencies to a practical setting. Students are encouraged to engage in a variety of activities --- including the ASU Public Health Technology Corps, internships, practicums, service learning, co-curricular activities and more --- in both governmental and nongovernmental organizations, nonprofits, industries, for-profit settings or university-affiliated settings primarily focused on community engagement. Upon successful completion of the APE, students will have:
• Applied academic knowledge to practical public health challenges

• Demonstrated attainment of at least five competencies, including at least three foundational competencies, through practical and applied settings
• Developed professional skills and enhanced their career readiness
• Produced at least two suitable, non-academic work products that benefit the practice site, demonstrating individual competency attainment

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the School of Technology for Public Health.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in public health, medical sciences, engineering, computer science, liberal arts or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should articulate the applicant's reasons for wanting to enroll in the MPH program at Arizona State University and explain how they intend to use their degree in their future career in public health. Personal statements are generally expected to be between one and two pages, single-spaced, in length. This personal statement offers applicants an opportunity to express their personal motivations and demonstrate how the MPH program aligns with their professional aspirations.

Letters of recommendation must be from academic or professional sources who are familiar with the applicant's potential to be successful in the field of public health or public health technologies.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with an MPH with a concentration in public health technology can be employed in academic institutions, government agencies, nonprofit organizations and health-related industries. Graduates are prepared for leadership roles in various sectors, including federal, state and local government; the private sector; and national, global and community-based organizations.

Career opportunities include:

- biostatistics
- corporate wellness
- data science and data visualization
- device and software development
- health data management
- health policy
- health promotion and disease prevention
- health technology and related fields
- industry health technology
- public health education

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Graduates from this program are eligible to sit for the Certified in Public Health exam upon graduation and completion of three years of relevant work experience. More information on the credential is available on the National Board of Public Health website. https://www.nbphe.org/eligibility/ (https://www.nbphe.org/eligibility/)

Contact information

School of Technology for Public Health
https://publichealthtech.asu.edu/
stph@asu.edu
602-496-0100
Admission deadlines (https://publichealthtech.asu.edu/degrees/master-public-health)

Public Health Technology, MS (THPHTMS)

College/School: School of Technology for Public Health

Campus: Downtown Phoenix

Program description

Locally and globally, nothing is more important than protecting the public's health. With issues such as extreme heat, misinformation, infectious and noncommunicable diseases, and reproductive and mental health, public health affects everyone.

Today, however, public health systems --- which are responsible for protecting the health and well-being of the communities they serve --- are not structured in ways that empower them to swiftly and effectively respond to these layered and evolving threats.

The School of Technology for Public Health at ASU is creating a revolutionary approach in an emerging field to modernize and transform public health. In addition to foundational public health knowledge, students are trained in the skills, tools, mindsets and strategies from technology and engineering fields to create and implement novel technology solutions to measure, screen, prevent and mitigate public health-related outcomes.

Serving as a catalyst to build and deploy the products, programs and systems needed to shape public health now and into the future, students of the Master of Science degree design and deploy public health technologies, such as:

• biosensors and wearables to promote health behavior and literacy
• geospatial technologies to better understand and improve social determinants at the neighborhood and community levels

• novel diagnostics and wastewater-based epidemiology for early threat detection
• remote monitoring equipment to prevent hospital readmissions
• smartphone apps to deliver just-in-time interventions

This transdisciplinary degree weaves together focused coursework from complementary fields such as computer science, geographic information science, data science and visualization, engineering, global or population health to seamlessly integrate core public health competencies with elements of human-centered technology, systems engineering, data science and design.

Designed to accommodate both full-time students and working professionals, the MS program in public health technology welcomes individuals from diverse backgrounds, including those with technology or engineering experience and little prior health experience.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

STEM-OPT extension eligible: Yes

Degree requirements

30 credit hours including the required applied project course (TPH 593)

Required Core (27 credit hours)
TPH 501 Foundations of Public Health I (3)
TPH 550 Data Science for Public Health (3)
TPH 551 Public Health Technologies (3)
TPH 552 Systems Design and Engineering for Public Health (3)
TPH 553 Health Technology and Equity (3)
TPH 554 Artificial Intelligence and Machine Learning in Public Health (3)
TPH 555 Health Communication, Behavior and Technology (3)
TPH 556 Public Health Technology Entrepreneurship, Innovation and Leadership (3)
TPH 557 Public Health Technology Ethics, Policy and Law (3)

Culminating Experience (3 credit hours)
TPH 593 Applied Project (3)

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
U.S. applicants (https://admission.asu.edu/apply/graduate/admission)
International applicants (https://admission.asu.edu/apply/international/graduate)
English proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency)

Applicants must fulfill the requirements of both the Graduate College and the School of Technology for Public Health.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in public health, medical sciences, engineering, computer science, liberal arts or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program or a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:
• graduate admission application and application fee
• official transcripts
• personal statement
• professional resume
• three letters of recommendation
• proof of English proficiency

Additional Admission Information
An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

The personal statement should articulate the applicant's reasons for wanting to enroll in the MS program at Arizona State University and explain how they intend to use their degree in their future career in public health technology. Personal statements are generally expected to be between one and two pages, single-spaced, in length. This personal statement offers applicants an opportunity to express their personal motivations and demonstrate how the MS program aligns with their professional aspirations.

Letters of recommendation must be from academic or professional sources who are familiar with the applicant's potential to be successful in the field of public health or public health technologies.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates with a MS in public health technology are prepared for leadership roles in various sectors, including federal, state and local government; the private sector; and national, global and community-based organizations.

Career opportunities include:

- corporate wellness officer
- data scientist and data visualization analyst
- device and software developer
- health data manager
- health policy analyst
- health technology and related positions
- industry health technology officer
- lecturer in public health

Graduates can be employed in health related organizations including:

- academic institutions
- county and state health departments
- for-profit industries
- national governmental health organizations

- nongovernmental organizations
- nonprofits

Contact information

School of Technology for Public Health
https://publichealthtech.asu.edu/
stph@asu.edu
602-496-0100
Admission deadlines (https://publichealthtech.asu.edu/degrees/ms-public-health-technology)

Undergraduate Programs

Undergraduate Minors (Program Descriptions and Requirements)

African and African American Studies Minor (LAAFRMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: Students in the minor program in African and African American studies examine the culture, arts, history, politics, economics and current status of African Americans, Africans and the African Diaspora, especially in the Caribbean, Central America and South America.

The goal is to prepare students for lifelong learning, advanced study in a variety of fields, and successful careers and productive public service in an increasingly diverse society.

Curriculum

Requirement	Minimum Grade	Credit Hours
The African and African American studies minor requires completion of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.		
Required core course		
AFR 200 Introduction to Africana Studies (GCSI)	C	3
Elective core course		
AFR 300 Precolonial Africa (GCSI) **or** AFR 301 Race and Racism in Africa/African Diaspora **or** AFR 302 History of Black Women in America (HUAD) **or** AFR 305 The Global History of the Trans-Atlantic Slave Trade (GCSI)	C	3
Electives		
Upper Division **AFR Elective**	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in African and African American studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Completion of the minor program in African and African American studies provides graduates with knowledge and skills that enable them to bring social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Aging Minor (ASALDMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: People are living longer. While this represents one of the crowning achievements of the last century, it is also a significant challenge. Longer lives must be planned for.

ASU's minor program in aging offers students the opportunity to create positive differences in the lives of older adults. This program helps students develop the tools and mindset that enable them to anticipate challenges in existing social structures at every level as the proportion of retired adults increases faster than the number of people in the workforce. Students learn to develop solutions for an aging population's needs in areas of personal finance, transportation, increased demands for health care, assisted-living options and recreation.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in aging consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Introductory Coursework	C	3

Requirement	Minimum Grade	Credit Hours
ASB 102 Introduction to Cultural Anthropology (GCSI) **or** PSY 101 Introduction to Psychology (SOBE) **or** SOC 101 Introductory Sociology (SOBE)		

Upper Division Aging Core

COM 417 Communication and Aging		
FAS 436 Sexuality in Mid-Life and Beyond		
IAS 450 Philosophical and Spiritual Issues in Death and Dying	C	6
PSY 447 Psychology of Aging		
SOC 400 Perspectives on Aging		
SOC 418 Aging and the Life Course (SOBE)		

Upper Division Aging Electives

COM 417 Communication and Aging		
FAS 436 Sexuality in Mid-Life and Beyond		
HSC 410 Supporting the Health of Older Adults		
HSC 412 Health Issues in Later Life	C	6
IAS 450 Philosophical and Spiritual Issues in Death and Dying		
PSY 447 Psychology of Aging		
SOC 400 Perspectives on Aging		
SOC 418 / CDE 418 Aging and the Life Course (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in aging

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

The minor in aging is a pathway to a career researching, developing policies for, or providing services to older populations. Employment in associated career fields is expected to increase commensurately with the needs of a growing and diverse population. People who work with aging populations are employed in public and private agencies that deal with a wide variety of social issues, including:

- access to health care
- assisted-living facilities and management
- education
- disabilities
- discrimination
- elder abuse and family support
- health, mental health and end-of-life decisions
- housing
- recreational opportunities
- transportation

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASALDMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

American Indian Studies Minor (LAAISMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The minor program in American Indian studies offers a comprehensive exploration of the histories, cultures and contemporary issues faced by Indigenous peoples. This interdisciplinary program draws from history, sociology, anthropology and cultural studies to provide a nuanced understanding of Indigenous experiences.

Students examine traditions, languages and worldviews while critically assessing the impacts of colonization and globalization. Courses cover Indigenous sovereignty, cultural resilience, environmental justice and the arts, fostering a holistic view of Indigenous societies.

The program promotes personal growth and a commitment to social justice, empowering students to advocate for Indigenous rights and cultural preservation. Students join a vibrant community dedicated to uplifting Indigenous voices and fostering a more inclusive society.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in American Indian studies requires 18 credit hours. At least 12 hours must be upper-division coursework, and all courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
AIS 180 Introduction to American Indian Studies (SOBE)	C	3
AIS 285 Federal Indian Policy (CIVI)	C	3
AIS 380 Contemporary Issues of American Indian Nations	C	3
Upper Division Minor Electives		
AIS 320 American Indian Philosophies and World Views (HUAD)	C	9
AIS 360 Issues in Urban Indian Country		
AIS 381 American Indian Women		
AIS 385 Entrepreneurship for American Indian Sustainability		
AIS 440 Cultural Professionalism		
AIS 455 Human Rights and Cultural Resource Laws		
AIS 470 Tribal Governance		
AIS 480 Actualizing Decolonization		
AIS 484 Internship		
AIS 499 Individualized Instruction		
ENG 359 Indigenous American Literature		
HST 337 American Indian History to 1900 (HUAD)		
HST 338 American Indian History since 1900 (HUAD)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in American Indian studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

A minor in American Indian studies equips graduates with valuable skills and insights, making them well prepared to contribute to various fields while promoting understanding and respect for Indigenous cultures. Completing this minor equips graduates with valuable research, critical thinking and communication skills, preparing them for careers in education, social work, law and public policy.

Many industries, including American Indian economies, infrastructures and school systems, need qualified people who are knowledgeable about Indigenous cultures, laws and policies.

Graduates who have combined the American Indian studies minor with their major are better prepared to serve in roles that protect, serve and advocate for Indigenous communities.

Contact information

American Indian Studies Program | DISCVRY 356
https://americanindian.asu.edu/degree/minor/american-indian-studies-minor
AIS@asu.edu
480-965-3634

American Studies Minor (ASAMSMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The American studies minor program gives students the opportunity to pursue an interest in the interdisciplinary examination of American culture. This minor is particularly appropriate for students majoring in humanities or social sciences disciplines.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in American studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
AMS 201 Introduction to American Studies (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
Upper Division American Studies Electives	C	12
AMS 326 Popular Culture		
AMS 330 American Lives (HUAD)		
AMS 332 Studies in Race and Ethnicity		
AMS 334 / ETH 333 / WST 334 Class in America		
AMS 336 / ENG 334 / ETH 334 The American Southwest in Literature and Film (HUAD)		
AMS 353 / ENG 353 / ETH 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
AMS 354 / ENG 354 / ETH 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
AMS 380 / ETH 380 / WST 380 Race, Gender, and Class (SOBE)		
AMS 412 Studies in American Politics and Law		
AMS 428 / ETH 428 / LAS 428 Peoples and Cultures of the American West, to 1848		
AMS 449 / ETH 449 / WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 450 / ETH 450 / LAS 450 Latina/os, Schooling and Social Inequality		
AMS 469 / ETH 469 / WST 469 Trash Talk		
ENG 337 Major American Novels		
FOR 454 / HST 454 / REL 454 History of Genocide (GCSI)		
HST 320 U.S. Urban History since 1850		
HST 337 American Indian History to 1900 (HUAD)		
HST 413 Contemporary America (HUAD)		
HST 419 / LAS 419 20th Century Chicano/a History		

Requirement	Minimum Grade	Credit Hours
REL 321 Religion in America (HUAD)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (American studies); BA in American studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

This minor is ideal preparation for students seeking employment in the following careers:

- archivist
- copy writer
- editor
- high school teacher
- historian
- history professor
- journalist
- lawyer
- middle school teacher
- museum curator
- political analyst

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASAMSMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Animation Minor (HIANIMMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Description: The animation minor program is an opportunity for students across ASU to pursue their interest in art and expand any career path with critical thinking and creative problem-solving skills. Across six courses, students learn animation techniques and concepts. Students can pursue multiple courses in 2D, 3D or stop-motion animation, or they can concentrate within just one of those areas. Distinguished faculty members with expertise across an array of distinct areas teach within the field, including independent animation filmmaking, computer-generated imagery, machine learning, VR and XR.

In addition to learning in the classroom, faculty members provide students with professional mentorship opportunities such as assistantships, scholarships, residencies and exhibitions. The program is further augmented by visiting artist and scholar lectures (https://art.asu.edu/events/visiting-artist-and-scholar-series) and public exhibitions (https://art.asu.edu/events) supported by the School of Art Galleries (https://art.asu.edu/galleries), the ASU Art Museum (https://asuartmuseum.org/), the Ceramics Research Center and Archive (https://asuartmuseum.org/research-learning/ceramics-research-center-archive/), and Pyracantha Press (https://art.asu.edu/degree-programs/printmaking/pyracantha-press). These events and activities offer students the opportunity to develop working knowledge of the art world, experience contemporary art and culture, and build a professional network of future colleagues. The program is also enriched by close proximity to cultural institutions in the Phoenix metropolitan area and nearby regions such as the Phoenix Art Museum, Scottsdale Museum of Contemporary Art, the Heard Museum and the Los Angeles County Museum of Art.

Students can visit the animation areas of study (https://art.asu.edu/degree-programs/animation) webpage to learn more about the program and the faculty. They can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media to engage with the creative community.

Curriculum

Requirement	Minimum Grade	Credit Hours
ART 116 Introduction to Digital Media	C	3
ARS 445 History of Animation	C	3
Animation Elective	C	6
ART 209 2D Digital Animation I		
ART 212 Figure Drawing for Animation		
ART 217 Introduction to Computer Animation		
ART 248 3D Computer Imaging and Animation (QTRS)		
ART 294 Topic: Basics of Stop Motion		
ART 294 Topic: Introduction to Storyboarding		
ART 309 2D Digital Animation II		
ART 348 Animation Motion Studies		
ART 394 Topic: 3-D Digital Modeling		

Requirement	Minimum Grade	Credit Hours
ART 394 Topic: 3D Visual Effects		
ART 417 Storyboarding and Narrative Sequencing		
ART 424 Stop Motion Animation		

Upper Division Animation Elective

ART 309 2D Digital Animation II		
ART 348 Animation Motion Studies		
ART 394 Topic: 3-D Digital Modeling	C	6
ART 394 Topic: 3D Visual Effects		
ART 417 Storyboarding and Narrative Sequencing		
ART 424 Stop Motion Animation		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: All BFA in art majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

The animation minor enables graduates to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. When combining this minor with their major program of study,

graduates can find employment in:

- animation
- communications and marketing
- graphic design
- content creation
- data analytics
- medical animation
- policy advocacy
- public relations
- sales
- urban planning

Contact information

School of Art | ART 151
https://art.asu.edu
soaadmin@asu.edu
480-965-8521

Anthropology Minor (LAASBMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: A minor program in anthropology completes the academic experience by focusing on the lessons and people that make human societies so interesting and challenging to understand, both in the past and in modern times.

A focus in evolutionary anthropology is perfect for a premedical track in which a broad evolutionary perspective is important for understanding disease processes. A focus in sociocultural anthropology provides understanding of human interaction and how social groups function.

Coursework in anthropology complements many majors, and anthropological training provides a competitive advantage in the workforce as students learn how to problem-solve creatively and better understand themselves and others.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 18 credit hours, 12 of which must be upper division. A minimum grade of "C" (2.00 on a scale of 4.00) is required for all coursework. At least six upper-division credit hours must be completed with courses offered by The College of Liberal Arts and Sciences.		
Minor Core		
Minor Core (choose two)	C	6
ASB 102 Introduction to Cultural Anthropology (GCSI)		
ASB 222 Buried Cities and Lost Tribes (HUAD) **or** ASB 223 Aztecs, Incas and		

Requirement	Minimum Grade	Credit Hours
Mayas (HUAD)		
ASM 104 Bones, Stones, and Human Evolution (SCIT)		

Upper-Division Subfield Courses

Upper Division Subfield Courses	C	12
At least two of the three subfields must be represented.		
Archaeology Subfield		
ASB 301 Global History of Health (HUAD)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 330 Understanding Archaeology (SOBE)		
ASB 333 Frauds, Myths and Mysteries (HUAD)		
ASB 335 Ancient Ruins of the Southwest (SOBE)		
ASB 337 Pyramids and Hieroglyphs: Life in Ancient Mesoamerica (GCSI)		
ASB 338 Archaeology of North America (SOBE)		
ASB 361 Human Cultural Beginnings (SOBE)		
ASB 362 People and Plants		
ASB 366 / AFR 366 African Archaeology: Precolonial Urban Culture		
ASB 368 Hunter-Gatherers (SOBE)		
ASB 490 Earliest Cities		
ASM 338 Topic: Bioarchaeology and the Human Skeleton		
ASM 338 Topic: Field Archaeology & Geophysical Testing		
ASM 338 Topic: Geomatics		
ASM 350 Geoarchaeology		
ASM 365 Doing Archaeology		

Requirement	Minimum Grade	Credit Hours
ASM 450 Bioarchaeology (GCSI)		
ASM 494 Topic: Archaeoinformatic Methods for Fieldwork		
ASM 494 Topic: Nubian Bioarchaeology		
Evolutionary Anthropology (aka Physical Anthropology) Subfield		
ASB 301 Global History of Health (HUAD)		
ASB 368 Hunter-Gatherers (SOBE)		
ASB 408 / BIO 408 Advanced Evolutionary Medicine		
ASB 448 / BIO 448 Maternal and Child Health		
ASB 494 Topic: Applied Epidemiology		
ASB 494 Topic: Reproductive Ecology		
ASM 301 Peopling of the World (SOBE)		
ASM 310 War and Peace: The Evolution of Conflict and Cooperation		
ASM 313 Great Adaptations		
ASM 332 Life and Death in Ancient Egypt		
ASM 338 Topic: Bioarchaeology and the Human Skeleton		
ASM 341 Human Osteology		
ASM 342 / BIO 327 Evolution of Human Behavior		
ASM 344 Fossil Hominins		
ASM 345 Disease and Human Evolution		
ASM 401 Health and Human Biology		
ASM 403 / BIO 403 Evolutionary Medicine and Global Health		
ASM 443 Primatology		
ASM 446 / BIO 446 Principles of Human Genetics		

Requirement	Minimum Grade	Credit Hours
ASM 450 Bioarchaeology (GCSI)		
ASM 452 Dental Anthropology		
ASM 456 Infectious Disease and Human Evolution		
ASM 459 Forensic Anthropology		
ASM 460 Human Growth and Development: An Evolutionary Perspective		
ASM 463 A Practical Guide to Bayesian Data Analysis (QTRS)		
ASM 465 Quantification and Analysis for Anthropologists		
ASM 466 The Evolution of Preindustrial Technology		
ASM 494 Topic: Cenozoic Climate & Primate Evolution		
ASM 494 Topic: Evolution and Mental Disorders		
ASM 494 Topic: Models in Social Evolution		
ASM 494 Topic: Nubian Bioarchaeology		
Sociocultural Anthropology Subfield		
ASB 300 Food and Culture (SOBE)		
ASB 302 Ethnographic Field Study (GCSI)		
ASB 305 Poverty and Global Health (CIVI)		
ASB 310 / AFR 300 Precolonial Africa (GCSI)		
ASB 311 Principles of Social Anthropology (GCSI)		
ASB 316 Money and Culture		
ASB 319 The North American Indian		
ASB 322 Peoples of Latin America (GCSI)		
ASB 325 Peoples of Southeast Asia		
ASB 327 Disaster! (SUST)		

Requirement	Minimum Grade	Credit Hours
ASB 336 / AFR 336 African Art		
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 342 / SBS 342 / SOC 342 Mexico-U.S. Borderlands		
ASB 343 / PUP 343 / SOS 343 / TCL 343 Latinas/os and the Environment		
ASB 344 / SOC 334 Technology and Society (SOBE)		
ASB 345 / JUS 343 / ROM 343 / SLC 343 / SOS 344 Culture and Society Transformation (GCSI)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 348 / ENG 348 / TCL 348 The Borders of Language (SOBE)		
ASB 350 Anthropology and Art (HUAD)		
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		
ASB 355 Traditional Medicine and Healing (HUAD)		
ASB 356 / GCU 356 / POS 354 / SBS 356 / SOC 356 Central American Studies		
ASB 357 Society, Drugs and Health (GCSI)		
ASB 358 / AFR 358 The Yoruba and the Atlantic World		
ASB 370 / SOS 370 Ethics of Eating (SUST)		
ASB 371 / HST 371 / SLC 371 / SPA 371 Language Hegemony and Culture		
ASB 374 / POS 374 / SBS 374 / SOC 374 Cultures and Politics of the Internet		
ASB 375 / SOS 375 Humans and the Environment: What's the Connection?		
ASB 376 Global Health Policy		
ASB 378 / TCL 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
ASB 380 Language, Culture and Gender (SOBE)		
ASB 383 / REL 383 Religion and Sports (HUAD)		

Requirement	Minimum Grade	Credit Hours
ASB 389 / SBS 389 / SOC 389 Ethnographic Field Lab		
ASB 394 Topic: Statistics for Social Scientists		
ASB 395 Topics in Comparative Culture		
ASB 412 History of Anthropology		
ASB 417 Politics and Culture		
ASB 421 / SOC 421 Education and Society (SOBE)		
ASB 442 / SBS 460 Global Cities		
ASB 443 / SSH 403 Cross-Cultural Studies in Global Health (GCSI)		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ASB 452 / SSH 402 Community Partnerships for Global Health (GCSI)		
ASB 455 Practicum for Social Sciences		
ASB 457 Global Mental Health (GCSI)		
ASB 462 Medical Anthropology: Culture and Health (SOBE)		
ASB 463 / SOS 463 / TCL 443 Political Ecology of the Border		
ASB 464 / TCL 444 The Ethnography of Mexico and the Borderlands		
ASB 466 / AFR 466 Peoples and Cultures of Africa		
ASB 494 Topic: Anthropology and Ethics		
ASB 494 Topic: Ethnic Disparities and Health		
ASB 494 Topic: Ethnography of Schooling in the Borderlands		
ASB 494 Topic: Health: Social and Biocultural Theories		
ASB 494 Topic: Monitoring, Evaluation, and Learning		
ASB 494 Topic: Narrative & Science Engagement		
ASB 494 / BIO 494 Topic: One Health		

Requirement	Minimum Grade	Credit Hours
ASB 494 Topic: Qualitative Data Analysis		
ASB 494 Topic: Research Design for Global Health		
ASM 414 Urban, Environmental and Health Challenges (SUST)		

Students choose 12 credit hours from the subfields of archaeology, evolutionary anthropology and sociocultural anthropology (including linguistics). The course completed to fulfill the Core requirement may limit the courses available to fulfill the Upper Division Subfield requirements due to necessary pre-requisites.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in anthropology; BS in anthropology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

The critical thinking skills learned in this minor program are beneficial in any career field that requires understanding human behavior and its motivations, including medicine, marketing, business, consulting and human resources.

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology.

Career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources

- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- teaching

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/
shesc.undergrad@asu.edu
480-965-6215

Applied Biological Sciences Minor (TSABSMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: The minor program in applied biological sciences is a rigorous and practical program that can help students understand the interrelationships among evolution, natural history, and the conservation of plants and animals.

Consistent with a polytechnic vision, this program involves extensive student interaction with faculty through experience-based learning activities, including:

• faculty-guided research
• field trips
• internships
• laboratories
• service learning projects

Mastery of fundamental biological principles is emphasized through quality learning in the classroom, as well as hands-on activities in laboratories and outdoor settings that include the Sonoran Desert, surrounding ecosystems, and the landscape of the greater Phoenix area.

Curriculum

Requirement	Minimum Grade	Credit Hours
The applied biological sciences minor consists of 23 credit hours. Students must complete 15 credit hours in courses offered by the College of Integrative Sciences and Arts.		
ABS 270 Sustainable Biological Systems (SUST)	C	3
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
ABS Elective		3
Upper Division **ABS Elective**		9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: All applied biological sciences, biological sciences or biology majors at ASU

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in applied biological sciences can help graduates as they pursue graduate study in professional programs such as medicine, health or veterinary studies.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Applied Computing Minor (ASACOMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description: The minor program in applied computing combines technical computing skills with an understanding of the impact of computer science in applicable contexts.

Coursework in the minor provides students with a depth of knowledge in databases, networks and systems, and it adds a computational component to their major field of study.

The program is offered by the School of Mathematical and Natural Sciences.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in applied computing; BS in applied computing (cybersecurity); BS in computational forensics

Other Enrollment Requirements: Students must complete ACO 102 Object-oriented Programming, MAT 210 Brief Calculus, and MAT 243/300 Discrete Mathematical Structures/Mathematical Structures with a "C" or higher as prerequisites to coursework in the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Computational and problem-solving skills are in demand in a multitude of career fields, including cybersecurity, web administration, business, government, education, science, medicine and telecommunications.

The applied computing curriculum provides a solid background for employment in positions such as:

- computer network administrator
- computer network technician
- computer programmer
- computer systems analyst
- database administrator
- information security analyst
- information technology manager
- software developer
- software engineer
- web developer

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASACOMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Applied Ethics Minor (ASAPETHMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: Students who pursue the applied ethics minor have the opportunity to develop their critical thinking, reading and writing capacities while exploring philosophy and ethical theory. They do so in a manner that explicitly complements their major: by focusing their minor coursework on ethical concepts that are discipline-specific. This program provides students with an opportunity to gain a humanistic perspective on a nonhumanities field of study, such as health sciences, business or computer science, thereby adding nuance and depth to their educational experience.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in applied ethics consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
IAS 406 Moral Dilemmas **or** PHI 406 Moral Dilemmas **or** FOR 406 Moral Dilemmas	C	3
Upper Division Applied Ethics Electives	C	9
Elective options are grouped together by thematic tracks. Students may choose electives from multiple tracks.		
Bioethics Track		
BIO 312 / IAS 340 / PHI 320 Bioethics (HUAD)		
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE)		
DST 458 Disability and Communication Advocacy		
IAS 450 / PHI 450 Philosophical and Spiritual Issues in Death and Dying		
LSC 362 The Human Environment		
LSC 363 Genes, Race, Gender, and Society		
PHI 306 Applied Ethics (CIVI)		
PSY 447 Psychology of Aging		
SOC 400 Perspectives on Aging		
Environmental Ethics Track		
BIO 324 / PHI 310 Environmental Ethics (SUST)		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
LSC 362 The Human Environment		
LSC 394 Topic: Environmental Disasters		

Requirement	Minimum Grade	Credit Hours
PHI 306 Applied Ethics (CIVI)		
Business Ethics Track		
ACO 402 / CIS 402 Privacy, Ethics and Compliance Issues		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
LES 305 Business Law and Ethics for Managers		
PHI 306 Applied Ethics (CIVI)		
PHI 360 Business and Professional Ethics (HUAD)		
POS 300 Contemporary Global Controversies (GCSI)		
Social Sciences and Ethics Track		
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE)		
DST 458 Disability and Communication Advocacy		
IAS 417 / PHI 417 Philosophy of Censorship (HUAD)		
IAS 450 / PHI 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 307 Philosophy of Law (AMIT)		
PHI 439 Philosophy of Love and Sex		
PSY 447 Psychology of Aging		
SOC 400 Perspectives on Aging		
Religion and Ethics Track		
CRJ 423 / FOR 413 / REL 413 Sacred Crimes: Religion and Violence (HUAD)		
IAS 430 Science and Religion (HUAD)		

Requirement	Minimum Grade	Credit Hours
IAS 450 / PHI 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 421 Philosophical Topics		
REL 321 Religion in America (HUAD)		
REL 381 Religion and Moral Issues (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
Applied Ethics Electives	C	6
Elective options are grouped together by thematic tracks. Students may choose electives from multiple tracks.		
Bioethics Track		
BIO 312 / IAS 340 / PHI 320 Bioethics (HUAD)		
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE)		
DST 458 Disability and Communication Advocacy		
IAS 450 / PHI 450 Philosophical and Spiritual Issues in Death and Dying		
LSC 362 The Human Environment		
LSC 363 Genes, Race, Gender, and Society		
PHI 306 Applied Ethics (CIVI)		
PSY 447 Psychology of Aging		
SOC 400 Perspectives on Aging		
Environmental Ethics Track		
BIO 324 / PHI 310 Environmental Ethics (SUST)		

Requirement	Minimum Grade	Credit Hours
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
LSC 362 The Human Environment		
LSC 394 Topic: Environmental Disasters		
PHI 306 Applied Ethics (CIVI)		
Business Ethics Track		
ACO 402 / CIS 402 Privacy, Ethics and Compliance Issues		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
LES 305 Business Law and Ethics for Managers		
PHI 306 Applied Ethics (CIVI)		
PHI 360 Business and Professional Ethics (HUAD)		
POS 300 Contemporary Global Controversies (GCSI)		
Social Sciences and Ethics Track		
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE)		
DST 458 Disability and Communication Advocacy		
IAP 222 Games and Ethics (HUAD)		
IAS 417 / PHI 417 Philosophy of Censorship (HUAD)		
IAS 450 / PHI 450 Philosophical and Spiritual Issues in Death and Dying		
PAX 230 Introduction to Peace Studies (GCSI)		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 307 Philosophy of Law (AMIT)		

Requirement	Minimum Grade	Credit Hours
PHI 439 Philosophy of Love and Sex		
PSY 447 Psychology of Aging		
SOC 400 Perspectives on Aging		
Religion and Ethics Track		
CRJ 423 / FOR 413 / REL 413 Sacred Crimes: Religion and Violence (HUAD)		
IAS 430 Science and Religion (HUAD)		
IAS 450 / PHI 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 421 Philosophical Topics		
REL 321 Religion in America (HUAD)		
REL 381 Religion and Moral Issues (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in philosophy, religion and society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A minor in applied ethics can help students toward their career goals in the health sciences, law, business, technology, ministry, journalism, counseling, politics or education.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASAPETHMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Applied Mathematics Minor (ASAPMMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: Mathematical modeling is a fundamental tool of modern science and engineering through which a firm grasp of the underlying processes in a system is synthesized into quantitative predictions. A minor program in applied mathematics provides students with the mathematical language required to analyze existing models and produce new models for new questions.

The foundational tools used in this minor program are calculus, differential equations and linear algebra. When combined, these concepts provide a powerful new lexicon that unlocks the majority of models throughout science and engineering.

Upper-level electives grant students in the applied mathematics minor program the opportunity to focus on specialty areas such as the study of chaos, mathematical biology, partial differential equations or optimization. Expertise in these areas is becoming increasingly important for students who expect to enter careers that require analysis or modeling of applicable situations.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in applied mathematics consists of 20 credit hours of coursework, of which a minimum of nine hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
MAT 271 Calculus with Analytic Geometry II (MATH)	C	4
MAT 272 Calculus with Analytic Geometry III (MATH)	C	4
MAT 275 Modern Differential Equations (MATH)	C	3

Requirement	Minimum Grade	Credit Hours
MAT 343 Applied Linear Algebra	C	3
Upper Division Applied Mathematics Electives		
MAT 300 Mathematical Structures	C	6
MAT 350 Techniques and Applications of Applied Mathematics		
MAT 371 Advanced Calculus I		
MAT 421 Applied Computational Methods (MATH)		
MAT 422 Mathematical Methods in Data Science		
MAT 451 Mathematical Modeling		
MAT 494 Special Topics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in applied mathematics; BA or BS in mathematics; BS in applied mathematics for the life and social sciences

Other Enrollment Requirements: MAT 270 Calculus with Analytic Geometry I may be needed to meet minor requirements.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Career opportunities for a student with a minor in applied mathematics include:

- bioinformatics scientist
- business intelligence analyst
- clinical data manager
- mathematician, statistician or biostatistician
- molecular and cellular biologist
- natural science manager
- secondary school teacher

- water resource specialist

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASAPMMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Applied Mathematics Minor (LSAPMMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: The minor program in applied mathematics equips students with the skills to understand and apply mathematical concepts to solve complex problems, analyze data, and model and optimize processes. This minor is an excellent complement for students majoring in diverse disciplines, those preparing for advanced graduate studies, or individuals seeking to enhance their career prospects.

The curriculum explores advanced applied mathematical topics, with a strong focus on their practical applications in the sciences. Students who pursue a minor in applied mathematics gain proficiency in leveraging mathematical theories and techniques, including mathematical modeling, computational methods and statistics, to address relevant challenges and drive innovation across various fields.

Curriculum

Requirement	Minimum Grade	Credit Hours
The applied mathematics minor consists of 21 credit hours, of which 12 must be upper division. At least 12 credit hours of MAT courses must be offered by the College of Integrative Sciences and Arts, of which at least six credit hours must be upper division. A minimum of 15 credit hours of the minor must be earned at ASU.		
MAT 266 Calculus for Engineers II (MATH) **or** MAT 271 Calculus with Analytic Geometry II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH) **or** MAT 272 Calculus with Analytic Geometry III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra	C	3
Upper Division Electives		9
ABS 350 Applied Statistics (QTRS) **or** STP 420 Introductory Applied Statistics (QTRS)		

Requirement	Minimum Grade	Credit Hours
ASC 310 Elements of Scientific Computing		
MAT 300 Mathematical Structures		
MAT 310 Introduction to Geometry		
MAT 350 Techniques and Applications of Applied Mathematics		
MAT 494 Topic: Fish Population Dynamics		
MAT 495 Undergraduate Research **or** MAT 499 Individualized Instruction		
PHY 302 Mathematical Methods in Physics II		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in applied mathematics

Other Enrollment Requirements: MAT 265 Calculus for Engineers I or 270 Calculus with Analytic Geometry I with a "C" or higher

Students should consult an advisor in the department of their major to determine if the minor is aligned with their educational goals and to be recognized in their particular major.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in applied math can help graduates use mathematical modeling and computational methods as they pursue careers in biology, natural science management or pathology.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/

CISA@asu.edu
480-727-1526

Arabic Studies Minor (LAARBMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the minor program in Arabic studies, students receive instruction in Modern Standard Arabic as well as Arabic, Middle Eastern and Islamic literature, culture and civilization. Students who complete the prescribed coursework are able to communicate effectively in Arabic, interact with native speakers, read current material in Arabic, and write in Modern Standard Arabic.

This program could be highly beneficial to students in all academic disciplines who are doing research or seeking employment in areas related to the Middle East or other parts of the Arab world. Participants are encouraged to participate in a study abroad program (https://goglobal.asu.edu/) to gain an immersive educational experience.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Arabic Studies requires 28 credit hours of courses detailed below. A minimum grade of "C" (2.00 on a 4.00 scale) or better is required in each course. Course substitutions are allowed for heritage and advanced speakers of the language.		
Required Courses - 25 credit hours		
ARB 201 Intermediate Arabic I	C	5
ARB 202 Intermediate Arabic II	C	5
ARB 311 Advanced Arabic Skills I OR ARB 315 Advanced Arabic for Heritage Speakers	C	3
ARB 331 Arabic/Islamic Culture and Literature (GCSI)	C	3
ARB 341 Quran Text and Women (GCSI) **or** ARB 351 Classical Arabic Literature	C	3
ARB 352 Modern Arabic Literature in Translation **or** ARB 422 Advanced Arabic Media	C	3
ARB 411 Advanced Arabic Skills II	C	3
Related Area - 3 credit hours		
Related Area AFR 372 Islam and Islamic Societies in Africa: Social and Political History	C	3

Requirement	Minimum Grade	Credit Hours
AFR 373 Islam and World Affairs		
AFR 480 Different Voices Within Contemporary Islamic Discourse		
ARB 321 Arabic Conversation I		
ARB 335 Arabic Culture and Islam (GCSI)		
ARB 336 Introduction to the Qur'an (GCSI)		
ARB 337 Hadith and Prophetic Tradition		
ARB 340 Arabic Translation		
ARB 341 Quran Text and Women (GCSI)		
ARB 351 Classical Arabic Literature		
ARB 352 Modern Arabic Literature in Translation		
ARB 360 Islamic Philosophical Literature		
ARB 394 Topic: Colloquial Arabic: Levantine		
ARB 421 Arabic Conversation II		
ARB 422 Advanced Arabic Media		
ARB 427 Arabic Prose: Reading the Arabian Nights		
ARB 428 Gender and Sexuality Discourse in the Middle East		
HST 372 Modern Middle East (GCSI)		
REL 365 Islamic Civilization (HUAD)		
REL 366 Islam in the Modern World (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in international letters and cultures (Arabic studies)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in Arabic studies have the enhanced communication skills and cultural competence that help them as they pursue careers in political analysis, education, tourism and hospitality, the military, sociology, marketing and various other fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/arabic-studies-minor
silcadvising@asu.edu
480-965-6281

Architectural Studies Minor (ARSTDMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The minor program in architectural studies at The Design School provides an overview of architecture throughout history while focusing on architectural design, enabling students to explore and apply architectural thinking.

Curriculum

Requirement	Minimum Grade	Credit Hours
ARC 111 Architecture of Architecture I	C	3
ARC 112 Architecture of Architecture II	C	3
ARC 331 World and Western Architecture I	C	3
ARC 332 World and Western Architecture II	C	3
Architectural Studies elective	C	3
APH 494 Topic: Frank Lloyd Wright		

Requirement	Minimum Grade	Credit Hours
APH 494 Topic: Peter Zumthor		
APH 494 Topic: The Image of Rome		
ARC 101 Architecture Project I **or** ARC 102 Architecture Project II		
ARC 394 Topic: Architecture Bootcamp		
ARC 394 Special Topics		
ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)		
ARC 434 Great Cities (HUAD)		
ARC 436 Charles and Ray Eames		
ARC 494 Topic: Revit I		
ARC 494 Topic: Revit II		
ARC 494 Special Topics		
ARC Elective		
DSC 494 Topic: Grasshopper		
DSC 494 Topic: Rhino		
Upper Division Architectural Studies elective	C	3
APH 494 Topic: Frank Lloyd Wright		
APH 494 Topic: Peter Zumthor		
APH 494 Topic: The Image of Rome		
ARC 394 Topic: Architecture Bootcamp		
ARC 394 Special Topics		
ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)		
ARC 434 Great Cities (HUAD)		

Requirement	Minimum Grade	Credit Hours
ARC 436 Charles and Ray Eames		
ARC 494 Topic: Revit I		
ARC 494 Topic: Revit II		
ARC 494 Special Topics		
ARC Elective		
DSC 494 Topic: Grasshopper		
DSC 494 Topic: Rhino		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.50

Incompatible Majors: BSD in architectural studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable graduates to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Contact information

The Design School | CDS 101
https://design.asu.edu
herbergeradvising@asu.edu
480-965-4495

Art History Minor (FAARTHMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Description: The art history minor program enables students to pursue their passion for art while strengthening their academic preparation and development of skills that can assist them in their job search and career. The curriculum is designed for students who are interested in enhancing their major with a broad introduction to the study of the history of art, which includes substantial chronological exposure to the history of art from diverse cultures.

Curriculum

Requirement	Minimum Grade	Credit Hours
The School of Art offers a minor in art history consisting of 18 credit hours of coursework, including 12 credit hours of upper-division electives. A minimum grade of "C" (2.00) is required in all courses for the minor. For those pursuing a minor, a minimum overall GPA of "C" (2.00) is required. Courses may not be double counted in a major and the minor, and a minimum of 12 credit hours of resident credit at ASU are required.		
ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
Upper Division **ARS Elective**	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

ARS 100 and ARS 300 may not be used toward an art history minor if the student has credit in ARS 101 and ARS 102. If a student has completed ARS 100 or ARS 300, then they must complete ARS 201 and ARS 202 instead of ARS 101 and 102.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in art (art history); BA in art (museum studies)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world, and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art program, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture distinctly different from their own. Study abroad encourages students to develop and broaden their intercultural sensitivity, communication skills and leadership ability, and challenges them to think differently. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere. They have the chance to look inside themselves in a way they haven't done before, growing their personal and professional self-confidence along the way.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates of the art history minor are positioned to expand any career path and enhance their opportunities for future graduate study. A minor within the arts and humanities offers a different perspective that is useful before and after graduation. This minor in art history can help graduates as they pursue careers in the arts and humanities, including design fields, anthropology, archaeology, cultural criticism and museum curation.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/art-history?dept=160344&id=1
herbergeradvising@asu.edu
480-965-8521

Asian Languages - Chinese Minor (LACHIMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students pursuing the minor in Asian languages with a focus in Chinese gain an understanding of the language, literature and cultures of China. Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience.

Highly motivated students interested in learning Chinese to professional-level proficiency while pursuing the Asian languages minor with a focus in Chinese and an undergraduate major of their choice are encouraged to apply to the Chinese Language Flagship program (https://silc.asu.edu/chineseflagship).

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Asian languages (Chinese) consists of 19 hours, of which 13 credit hours must be upper division. All courses used toward the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. Course substitutions are allowed for heritage and advanced speakers of the language.		
Required Courses - 10 credit hours		
CHI 301 Third-Year Chinese I	C	5

Requirement	Minimum Grade	Credit Hours
CHI 302 Third-Year Chinese II	C	5
CHI Electives		
Upper Division CHI Electives		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
CHI 333 China		
CHI 336 Interpreting China's Classics		
CHI 338 Daode Jing: Way to the West		
CHI 343 Daoism (HUAD)		
CHI 345 Chinese Film and Civilization		
CHI 348 Pathways into Chinese Culture	C	3
CHI 380 The Chinese Language		
CHI 401 Fourth-Year Chinese I		
CHI 402 Fourth-Year Chinese II		
CHI 407 Chinese for Academic and Professional Purposes I		
CHI 408 Chinese for Academic and Professional Purposes II		
CHI 451 Chinese Cultural History I		
CHI 452 Chinese Cultural History II		
CHI 470 Modern Chinese Literature and Culture		
CHI 482 History of the Chinese Language		

Requirement	Minimum Grade	Credit Hours
CHI Electives	C	6

CHI 201 Intermediate Chinese I **AND** CHI 202 Intermediate Chinese II

OR CHI 210 Intensive Chinese II

CHI 307 Introduction to Literary Chinese I

CHI 308 Introduction to Literary Chinese II

CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)

CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation

CHI 333 China

CHI 336 Interpreting China's Classics

CHI 338 Daode Jing: Way to the West

CHI 343 Daoism (HUAD)

CHI 345 Chinese Film and Civilization

CHI 348 Pathways into Chinese Culture

CHI 380 The Chinese Language

CHI 401 Fourth-Year Chinese I

CHI 402 Fourth-Year Chinese II

CHI 407 Chinese for Academic and Professional Purposes I

CHI 408 Chinese for Academic and Professional Purposes II

CHI 451 Chinese Cultural History I

CHI 452 Chinese Cultural History II

CHI 470 Modern Chinese Literature and Culture

CHI 482 History of the Chinese Language

A maximum of six hours are allowed from 200-level courses. Any additional 200-level credit hours completed will be applied toward the 120 credit hours needed for

Requirement	Minimum Grade	Credit Hours
graduation.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in Asian languages (Chinese); BA in Asian languages (Chinese) --- Chinese flagship; BA in business (language and culture --- Chinese or Chinese native speaker track)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in Chinese have enhanced communication skills and cultural competence that give them an advantage as they pursue careers in political analysis, education, tourism and hospitality, the military, sociology, marketing and various other fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/asian-languages--chinese-minor
silcadvising@asu.edu
480-965-6281

Asian Languages - Japanese Minor (LAJPNMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students pursuing a minor in Asian languages with a focus on Japanese study the language, literature and culture of Japan while developing advanced abilities in speaking, listening, reading and writing.

A wide variety of electives allows students to pursue their interests in topics such as translation, business, popular culture, technology and classical language. In addition, ASU offers summer and yearlong programs to study abroad (https://goglobal.asu.edu/) in Japan.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Asian language (Japanese) consists of 18 credit hours, of which 12 credit hours must be upper division. All courses used toward the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. Course substitutions are allowed for heritage and advanced speakers of the language.		
Required Courses - 9 credit hours		
JPN 301 Third-Year Japanese I	C	3
JPN 302 Third-Year Japanese II	C	3
JPN 333 Japanese Civilization from the Ice Age to Last Thursday	C	3
Elective Courses - 9 credit hours		
Upper Division JPN Elective Courses	C	3
JPN 309 Japanese Oral Communication I		
JPN 310 Japanese Oral Communication II		
JPN 311 Japanese Composition I		
JPN 354 Zen and Japanese Culture		
JPN 355 Religious Practice of People in Modern Japan (GCSI)		
JPN 367 Religion, Philosophy and Culture in Japan (GCSI)		
JPN 394 Special Topics		
JPN 401 Reading Modern Japanese Texts (GCSI)		
JPN 414 Introduction to Classical Japanese		
JPN 415 Advanced Classical Japanese		
JPN 430 Buddhist Meditation in East Asia		
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 485 Japanese Literature and the Art of Translation		
JPN 492 Honors Directed Study		
JPN 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
JPN 499 Individualized Instruction		
SLC 421 Japanese Literature in Translation		
Notes: A maximum of three credit hours of SLC 421 may be applied to the Japanese minor.		
JPN Elective Courses	C	6
200-Level JPN Elective		
JPN 309 Japanese Oral Communication I		
JPN 310 Japanese Oral Communication II		
JPN 311 Japanese Composition I		
JPN 354 Zen and Japanese Culture		
JPN 355 Religious Practice of People in Modern Japan (GCSI)		
JPN 367 Religion, Philosophy and Culture in Japan (GCSI)		
JPN 394 Special Topics		
JPN 401 Reading Modern Japanese Texts (GCSI)		
JPN 414 Introduction to Classical Japanese		
JPN 415 Advanced Classical Japanese		
JPN 430 Buddhist Meditation in East Asia		
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 485 Japanese Literature and the Art of Translation		
JPN 492 Honors Directed Study		
JPN 494 Special Topics		
JPN 499 Individualized Instruction		
SLC 421 Japanese Literature in Translation		

Requirement	Minimum Grade	Credit Hours
Notes: A maximum of three credit hours of SLC 421 may be applied to the Japanese minor.		
JPN 201 (5 credit hours) and JPN 202 (5 credit hours), or JPN 210 (8 credit hours), are prerequisites to JPN 300-level language courses. A maximum of six credits hours of the JPN 200-level electives or prerequisite courses may be applied to the Japanese minor. Any additional JPN 200-level credit hours will be applied to the 120 credit hours needed for graduation.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in Asian languages (Japanese)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in Japanese studies helps students gain communication skills and cultural competence as they pursue careers fields such as:

- diplomacy
- education
- entertainment
- foreign service
- international business
- marketing
- political analysis
- science and technology
- teaching
- tourism and hospitality

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/asian-languages--japanese-minor

silcadvising@asu.edu
480-965-6281

Asian Pacific American Studies Minor (LAAPAMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The Asian Pacific American studies minor program prepares students to address issues of justice, equity and access at the intersections of citizenship, race and ethnicity, gender and sexuality, and class and culture, and to identify actions and solutions based in community experiences and community-based research across multiple disciplines. Students have the opportunity to work with a dedicated faculty committed to community-engaged research and student-centered learning.

The program educates students in social justice, the global causes and impacts of Asian and Pacific Islander migration, relational and comparative racial formations, and ethnic studies movements that have made and continue to make a difference in society for all people. The interdisciplinary faculty (https://sst.asu.edu/apas-faculty) comprises expertise in critical ethnic studies, diaspora and globalization, U.S. imperialism and settler colonialism, social networks, immigration, interracial and interethnic relations, and the health and well-being of Asian Pacific American families and communities.

The Asian Pacific American studies program is housed in ASU's interdisciplinary School of Social Transformation, the only school of its kind in the United States.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Asian Pacific American studies requires completion of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.		
Required Core Courses		
APA 200 Introduction to Asian Pacific American Studies (SOBE)	C	3
APA 360 Asian Pacific American Experience	C	3
Elective Courses (choose four)		
APA Electives	C	3
APA 210 Introduction to Ethnic Studies in the U.S. (SOBE)		
APA 310 Asian Pacific American Arts and Cultures		
APA 315 Asian Pacific American Literature		
APA 330 Asian Pacific American Genders and Sexualities (SOBE)		
APA 340 Asian Pacific Americans and Media		

Requirement	Minimum Grade	Credit Hours
APA 345 Asian Pacific Americans and Film		
APA 350 Inequality and Diversity in Education (CIVI)		
APA 355 Asian American Psychology (SOBE)		
APA 356 Race and Child Development		
APA 360 Asian Pacific American Experience		
APA 365 Asian American Immigrant Health		
APA 450 Asian Pacific American Contemporary Issues		
APA 484 / SST 484 Internship		
APA 499 / SST 499 Individualized Instruction		
Upper Division APA Electives	C	9
APA 310 Asian Pacific American Arts and Cultures		
APA 315 Asian Pacific American Literature		
APA 330 Asian Pacific American Genders and Sexualities (SOBE)		
APA 340 Asian Pacific Americans and Media		
APA 345 Asian Pacific Americans and Film		
APA 350 Inequality and Diversity in Education (CIVI)		
APA 355 Asian American Psychology (SOBE)		
APA 356 Race and Child Development		
APA 360 Asian Pacific American Experience		
APA 365 Asian American Immigrant Health		
APA 450 Asian Pacific American Contemporary Issues		
APA 484 / SST 484 Internship		
APA 499 / SST 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
APA 360 Asian Pacific American Experience is required for the core. The course may be repeated for APA elective credit if taken with different topic titles.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in Asian Pacific American studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in Asian Pacific American studies can bring specialized knowledge and skills pertaining to social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Astronomy Minor (LAASTMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The astronomy minor program is designed for students interested in developing a basic understanding of astronomy and astrophysics, and analyzing issues from a scientific viewpoint.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in astronomy consists of a minimum of 23 credit hours, of which at least 15 credit hours must be upper division. All courses must be completed with a grade of		

Requirement	Minimum Grade	Credit Hours
"C" (2.00 on a 4.00 scale) or better.		
AST 111 Introduction to Solar Systems Astronomy (SCIT)	C	4
AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)	C	4
AST 321 Stellar and Planetary Astrophysics	C	3
AST 322 Introduction to Galactic and Extragalactic Astrophysics	C	3
Upper Division Astronomy minor electives		
Upper Division AST Elective Upper Division MAT Elective Upper Division PHY Elective Upper Division SES Elective Electives should be 3 credit courses.	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in earth and space exploration (astrophysics); BS in astronomical and planetary sciences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The astronomy minor supplements other degrees. The problem-solving techniques and skills that graduates have acquired are used in modern astronomy research and applicable to a wide variety of engineering and science careers.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Astrophysics Minor (LAASTPHMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The astrophysics minor program is designed for students who are interested in developing a background in the theoretical modeling and observational techniques of galactic and stellar astronomy, extragalactic astronomy and cosmology.

Students who complete the minor are able to think critically about scientific problems by reducing complex problems to their most important attributes and then designing experiments, observations and theoretical models that address those attributes.

Students pursuing an astrophysics minor are expected to have a strong background in physics and mathematics.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in astrophysics consists of a minimum of 20 credit hours. At least 12 credit hours must be upper division. Students complete 12 credit hours of required coursework and select one of three eight-credit hour options to complete the minor. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
AST 321 Stellar and Planetary Astrophysics	C	3
AST 322 Introduction to Galactic and Extragalactic Astrophysics	C	3
AST 421 Astrophysics I	C	3
AST 422 Astrophysics II	C	3
Option 1	C	8
SES 121 Earth, Solar System and Universe (SCIT)		
SES 123 Earth, Solar System and Universe Laboratory (SCIT)		

Requirement	Minimum Grade	Credit Hours
SES 126 Exploration of the Universe		
SES 128 Exploration of the Universe Lab		
OR		
Option 2		
AST 111 Introduction to Solar Systems Astronomy (SCIT)		
AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)		
OR		
Upper Division Option 3		
AST Elective		
MAT Elective		
PHY Elective		
SES Elective		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in earth and space exploration (astrophysics); other concentrations of the BS in earth and space exploration are compatible with the astrophysics minor as long as option 2 or option 3 of the minor is pursued.

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The astrophysics minor supplements other technical degrees. Graduates have learned advanced problem-solving techniques and skills used in modern astrophysics research, which are applicable to a wide variety of engineering and

science careers.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Behavior Analysis Minor (TEBEHANMIN)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, Online

Description: The minor program in behavior analysis offers a strong foundation in the principles of applied behavior analysis, equipping students with research-based knowledge and practical skills to address behavioral challenges across diverse settings. This program emphasizes the science of behavior change, preparing students to apply evidence-based strategies that improve outcomes for individuals and communities. Coursework in this minor is verified by the Association for Behavior Analysis International and aligns with the competencies outlined by the Behavior Analyst Certification Board, Inc.®.

While the program supports students interested in pursuing the Board Certified Assistant Behavior Analyst® credential*, this minor is also highly relevant for those seeking to enhance their professional skills in ABA without certification. Students develop expertise to make meaningful contributions in various fields where behavior analysis is applied.

All courses are online, and coursework for students who choose the campus-based options are also remote and asynchronous. Coursework combines a number of resources and technologies to provide students the opportunity to interact with program faculty and classmates.

*Attaining the BCaBA credential is not required. Students interested in attaining the BCaBA credential must meet additional requirements.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
SPE 365 Concepts, Principles and Foundations of Behavior Analysis (SOBE)		3
SPE 366 Measurement and Experimental Analysis of Behavior		3
SPE 448 Assessing and Improving Challenging Behavior in Schools and Clinics		3
SPE 449 Assessment and Program Planning for Diverse Learning Needs		3
SPE 450 Professional and Ethical Practice in Behavior Analysis Service and Supervision		3

Notes

Prerequisite courses may be needed in order to complete the requirements of this

minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A minor can help students enhance the marketable skills they acquire in their major program and earn additional certifications and industry credentials.

Program graduates are well prepared to work across various populations and settings, including home, industry, clinic, school and community environments, where they provide applied behavior analysis and evidence-based consultative services and support for children, youth and adults.

Professionals with expertise in evidence-based practices in behavior analysis are in high demand. Career examples include:

Board Certified Assistant Behavior Analyst®
early interventionist
Registered Behavior Technician®
special education teacher

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
educationadvising@asu.edu
480-965-5555

Biochemistry Minor (LABCHMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in biochemistry is designed to give students majoring in other disciplines a solid grounding in the basics of biochemistry to complement their major degree program. It is especially appropriate for students whose majors are in the various disciplines of life sciences, physics, engineering and geology, and for students planning careers in the fields of medicine and health.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in biochemistry comprises 28 credit hours of required courses, of which 12 credit hours are at the upper-division level. Six of the 12 upper-division credit hours must be from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
CHM 113 General Chemistry I (SCIT) **OR** CHM 117 General Chemistry for Majors I (SCIT) **AND** CHM 111 General Chemistry Laboratory for Majors I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT) **OR** CHM 118 General Chemistry for Majors II (SCIT) **AND** CHM 112 General Chemistry Laboratory for Majors II (SCIT)	C	4
CHM 233 General Organic Chemistry I **AND** CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II **AND** CHM 238 General Organic Chemistry Laboratory II	C	4
BCH 341 Physical Chemistry with a Biological Focus	C	3
BCH 461 General Biochemistry	C	3
BCH 462 General Biochemistry	C	3
BCH 467 Analytical Biochemistry Laboratory	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

ASU Online students pursing this minor are required to travel to Tempe campus to complete compressed organic chemistry and biochemistry laboratory courses.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in applied biological sciences (all concentrations); BA and BS in biochemistry; BS in

biochemistry (medicinal chemistry); BS in biological sciences (genetics, cell and developmental biology); BS in biological sciences (neurobiology, physiology and behavior); BA and BS in chemistry; BS in chemistry (environmental chemistry); BS in forensic science; BS in health sciences (preprofessional); BS in medical studies; BS in neuroscience

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors

A minor in biochemistry can help students as they pursue careers in medicine and health, chemical and biotechnology industries, research, government laboratories, environmental and food science, teaching and many other technical areas.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
SMSadvising@asu.edu
480-965-7667

Biological Sciences Minor (LABIOMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in biological sciences offers students a flexible curriculum that can be tailored to their interests.

Students explore the study of all living things and examine basic organization of life, how organisms evolve, the role of organisms in the natural environment, how hereditary information is transferred, and the development of biotechnology.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in biological sciences requires a minimum of 24 credit hours, of which at least 12 credit hours must be upper division. At least six of the upper-division credit hours must be from courses offered by The College of Liberal Arts and Sciences.		

Requirement	Minimum Grade	Credit Hours
Core Minor Requirements		
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics **or** MBB 347 Molecular Genetics: From Genes to Proteins	C	4
BIO 345 Evolution **or** MIC 220 Biology of Microorganisms **AND** MIC 206 Microbiology Laboratory (SCIT)	C	3 - 4
Electives		
Upper Division **BIO Elective** **or** Upper Division **MBB Elective** **or** Upper Division **MIC Elective** A maximum of three credits of undergraduate research or internship (BIO 484 or MBB 484 or MIC 484 OR BIO 495 or MBB 495 or MIC 495) will be allowed in the minor.	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in biological sciences (all concentrations); BS in microbiology (all concentrations); BS in molecular biosciences and biotechnology; BS in medical studies; BS in neuroscience; BS in nutrition; BS in public health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A minor in biological sciences enables students to develop additional competencies that complement the knowledge and skills they acquire in their majors. Graduates with this minor are prepared with critical thinking and valuable problem-solving skills, and the introduction to the processes of research and scientific discovery they receive in the

program help them as they pursue a variety of careers, such as biologist, biological technician, medical and clinical laboratory technologist, zoologist, geneticist and educator.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degrees/minorscertificates
sols.advising@asu.edu
480-727-6277

Biology Minor (ASLSCMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: A minor in biology is a valuable asset, particularly when paired with an appropriate major. For instance, a minor in biology paired with a major in political science provides a good background for someone who intends to practice environmental law.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in biology consists of 19 credit hours of coursework, of which a minimum of 11 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
BIO 182 General Biology II (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
Upper Division Ecology, Cell Biology or Genetics Requirement (select one combination)		
BIO 320 Fundamentals of Ecology **AND** LSC 322 Fundamentals of Ecology Laboratory		
BIO 353 Cell Biology **AND** BIO 354 Cell Biology Laboratory	C	4
LSC 347 Fundamentals of Genetics **AND** LSC 348 Fundamentals of Genetics Laboratory		
Upper Division Biology Electives	C	7
BCH 371 Modern Concepts in Biochemistry		

Requirement	Minimum Grade	Credit Hours
BCH 372 Modern Concepts in Biochemistry Laboratory		
BIO 306 Modes of Biological Thought		
BIO 320 Fundamentals of Ecology		
BIO 340 General Genetics		
BIO 345 Evolution		
BIO 353 Cell Biology		
BIO 354 Cell Biology Laboratory		
BIO 360 Animal Physiology		
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 410 Techniques in Conservation Biology and Ecology		
BIO 422 Ecosystem Ecology		
BIO 423 Population and Community Ecology		
BIO 426 Limnology		
BIO 431 Genes, Development, and Evolution		
BIO 443 Applied Molecular Genetics and Genomics		
BIO 471 Ornithology		
BIO 474 Herpetology		
ENV 300 / PLB 300 Plant Diversity and Evolution		
ENV 302 / PLB 302 Plants and Civilization		
ENV 345 Spatial Analysis in the Environmental Sciences		
ENV 388 / FOR 388 / LSC 388 / PLB 388 / PTX 388 STEM Research Fundamentals		
ENV 485 Environmental Impact Assessment (CIVI)		

Requirement	Minimum Grade	Credit Hours
ENV 394 / LSC 394 Topic: Animal Behavior in a Changing Environment		
ENV 410 Soil Science		
FOR 370 Fundamentals of Forensic Analysis		
FOR 377 Forensic Analytical Chemistry Laboratory		
FOR 380 / LSC 380 Analysis of Nonhuman Forensic DNA Evidence		
FOR 400 Comparative Forensics		
FOR 401 / PTX 401 Forensic Toxicology		
FOR 402 Forensic Biology		
FOR 414 Fundamentals of Forensic Entomology		
FOR 425 Analytical Chemistry for Life Sciences		
FOR 426 Analytical Chemistry for Life Sciences Lab		
FOR 447 / LSC 447 Molecular Genetics Laboratory		
LSC 475 / PTX 475 Principles of Toxicology		
FOR 480 / LSC 480 Advanced Topics in Human Forensic DNA Typing		
LSC 322 Fundamentals of Ecology Laboratory		
LSC 347 Fundamentals of Genetics		
LSC 348 Fundamentals of Genetics Laboratory		
LSC 359 Animal Physiology Laboratory		
LSC 362 The Human Environment		
LSC 363 Genes, Race, Gender, and Society		
LSC 430 Environmental and Human Toxicology		
LSC 432 / PTX 432 Fundamentals of Pharmacology		
LSC 434 Marine Ecology		

Requirement	Minimum Grade	Credit Hours
FOR 494 / LSC 494 Topic: Molecular Biology		
MIC 443 The Microbial Universe		
MIC 444 The Microbial Universe Laboratory		
PLB 308 Plant Physiology		
PLB 310 The Flora of Arizona		
PTX 301 Basics of Pharmacology and Toxicology		
PTX 450 Pharmacology and Toxicology Laboratory		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in biology (including all concentrations; BA and BS in environmental science (including all concentrations); BS in biotechnology and bioenterprise; BS in forensic science; BS in pharmacology and toxicology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates who included this minor with their major have a wide variety of options. They are prepared to pursue graduate studies or seek careers in such diverse areas as environmental management and conservation, health professions, laboratory research, primary and secondary school teaching, science advisement to businesses and government, and science writing.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASLSCMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Business Minor (BABUSMIN)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Description: A minor program in business is an option for students who are interested in business courses but wish to pursue majors in other colleges. The courses available for the minor are designed to appeal to and inform the nonbusiness student while covering a wide variety of topics that are important to managers, such as:

- accounting
- computer information systems
- economics
- finance
- management
- marketing
- supply chain management

Curriculum

Requirement	Minimum Grade	Credit Hours
Students must complete 18 credit hours (12 of which must be upper division) of the specified business courses with a grade of "C" (2.00) or better in each course. At least 12 credit hours must be taken at ASU.		
Required Courses		
ACC 382 Accounting and Financial Analysis	C	3
ECN 211 Macroeconomic Principles (SOBE) **or** ECN 212 Microeconomic Principles (SOBE)	C	3
FIN 380 Personal Financial Management	C	3
MGT 380 Management and Strategy	C	3
MKT 390 Essentials of Marketing	C	3
Minor Elective		
Business Minor Elective	C	3
AGB 420 Food Advertising and Promotion		
AGB 445 Food Retailing		
CIS 300 Web Design and Development		
CIS 308 Advanced Excel in Business		
ECN 211 Macroeconomic Principles (SOBE) **or** ECN 212 Microeconomic		

Requirement	Minimum Grade	Credit Hours
Principles (SOBE)		
ECN 211 or ECN 212 not used towards core may count towards electives.		
FIN 331 Financial Markets and Institutions		
LES 380 Consumer Perspective of Business Law		
MKT 391 Essentials of Selling		
MKT 396 Essentials of Services Marketing		
MKT 398 Essentials of Sports Business		
REA 380 Real Estate Fundamentals		
SCM 380 Supply Chain Management Foundations (SUST)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: all W. P. Carey School of Business undergraduate degree programs

Other Enrollment Requirements: None. This minor is open to nonbusiness majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies to complement the marketable knowledge and skills they acquire in their majors.

A minor in business can equip students with an understanding of the foundations of business as they pursue careers in management or sales within their industry.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Chemistry Minor (ASCHMMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in chemistry offered by the School of Mathematical and Natural Sciences gives students expanded proficiency in the area of chemistry. The program's additional biochemistry and analytical chemistry courses give students more experience in the advanced and integrative fields of chemistry.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in chemistry consists of 18 credit hours of coursework, of which a minimum of nine hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Minor Courses	C	9
BCH 341 Physical Chemistry with a Biological Focus		
BCH 371 Modern Concepts in Biochemistry		
BCH 372 Modern Concepts in Biochemistry Laboratory		
CHM 113 General Chemistry I (SCIT)		
CHM 116 General Chemistry II (SCIT)		
CHM 233 General Organic Chemistry I		
CHM 234 General Organic Chemistry II		
CHM 237 General Organic Chemistry Laboratory I		
CHM 238 General Organic Chemistry Laboratory II		
CHM 302 Environmental Chemistry		
ENV 499 / FOR 499 / LSC 499 / PTX 499 Individualized Instruction		
FOR 401 Forensic Toxicology		
FOR 423 Forensic Chemistry		
FOR 425 Analytical Chemistry for Life Sciences		

Requirement	Minimum Grade	Credit Hours
FOR 426 Analytical Chemistry for Life Sciences Lab		
FOR 494 Topic: Forensic Chemistry Lab		
PTX 301 Basics of Pharmacology and Toxicology		
PTX 475 Principles of Toxicology		
LSC 430 / PTX 430 Environmental and Human Toxicology		

Upper Division Minor Courses

BCH 341 Physical Chemistry with a Biological Focus		
BCH 371 Modern Concepts in Biochemistry		
BCH 372 Modern Concepts in Biochemistry Laboratory		
CHM 302 Environmental Chemistry		
ENV 499 / FOR 499 / LSC 499 / PTX 499 Individualized Instruction		
FOR 401 Forensic Toxicology		
FOR 423 Forensic Chemistry		9
FOR 425 Analytical Chemistry for Life Sciences		
FOR 426 Analytical Chemistry for Life Sciences Lab		
FOR 494 Topic: Forensic Chemistry Lab		
PTX 301 Basics of Pharmacology and Toxicology		
PTX 475 Principles of Toxicology		
LSC 430 / PTX 430 Environmental and Human Toxicology		

Up to 3 credit hours of individualized instruction (499) may apply toward this requirement.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in environmental science; BS in biology (pharmacology/toxicology); BS in forensic science; BS in pharmacology and toxicology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates who hold a minor in chemistry are employed in a variety of fields and are well-suited to positions such as laboratory technician, research assistant, environmental scientist, technical advisor, science communication professional, hazard communication specialist, chemical education professional and consultant.

Many growing career fields, such as forensic sciences, medicine and environmental quality, require a greater amount of chemistry knowledge than in the past. Therefore, graduates with a stronger chemistry background have a competitive advantage in these fields. This minor highlights that expanded chemistry knowledge for students' future schools and employers.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASCHMMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Chemistry Minor (LACHMMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The chemistry minor program gives students majoring in other disciplines a solid grounding in the basics of chemistry to complement their major. It is especially appropriate for students whose majors are in the various disciplines of physics, materials science, geology, engineering and life sciences.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in chemistry comprises 28 credit hours of required courses, of which at least 12 credit hours must be completed at the upper-division level. Six of the 12 upper-division credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
CHM 113 General Chemistry I (SCIT) **or** CHM 117 General Chemistry for Majors I (SCIT) **AND** CHM 111 General Chemistry Laboratory for Majors I (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
CHM 116 General Chemistry II (SCIT) **or** CHM 118 General Chemistry for Majors II (SCIT) **AND** CHM 112 General Chemistry Laboratory for Majors II (SCIT)	C	4
CHM 233 General Organic Chemistry I **AND** CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II **AND** CHM 238 General Organic Chemistry Laboratory II	C	4
CHM 325 Analytical Chemistry **AND** CHM 326 Advanced Analytical Chemistry Laboratory	C	4
Upper Division Biochemistry/Physical Focus		
BCH 361 Advanced Principles of Biochemistry **AND** BCH 367 Elementary Biochemistry Laboratory		
CHM 341 Elementary Physical Chemistry **AND** CHM 343 Elementary Physical Chemistry Laboratory		
OR **Upper Division Advanced Physical Chemistry Focus**	C	8
CHM 345 Physical Chemistry I **AND** CHM 348 Physical Chemistry Laboratory I		
CHM 346 Physical Chemistry II **AND** CHM 349 Physical Chemistry Laboratory II		
Choose either the Biochemistry/Physical Focus or the Advanced Physical Chemistry Focus for the additional 8 credit hours.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Courses in this program may only be offered once per academic year. See academic advisor for details.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in applied biological sciences (all concentrations); BS and BA in biochemistry; BS in biochemistry (medicinal chemistry); BS and BA in chemistry; BS in chemistry (environmental chemistry); BS in forensic science; BS in health sciences (preprofessional); BS in nutrition; BS in nutrition (human nutrition); BS in medical studies; BS in neuroscience

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A chemistry minor can benefit graduates pursuing careers in chemical, electronics, manufacturing and environmental industries, and in national research and forensic labs.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
SMSadvising@asu.edu
480-965-7667

Civic and Economic Thought and Leadership Minor (LACELMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the minor program in civic and economic thought and leadership, students are trained to read original texts and understand influential ideas in philosophy, economics and politics in order to become leaders in their field of study. Through faculty use of the Socratic method teaching style, students are challenged in the classroom and compelled to think critically about the problems that we face in society today.

Students in the minor participate in a high-impact curriculum and are eligible for a global intensive experience, leadership seminars, an internship program and special access to prominent scholars and visiting fellows.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in civic and economic thought and leadership requires 18 credit hours, of which 12 credit hours must be upper division. At least 12 credit hours must be taken from ASU. All courses must be completed with the grade of "C" (2.00 on a 4.00 scale) or higher.		
CEL 100 Great Ideas of Politics and Ethics (HUAD) **or** CEL 306 Justice and Virtue: Classical Political Thought **or** CEL 308 Liberty and Equality: Early Modern Political Thought (CIVI)	C	3

Requirement	Minimum Grade	Credit Hours
CEL 200 Great Debates in American Politics (AMIT)	C	3
CEL 352 Debating Capitalism (SOBE)	C	3
CEL 475 Statesmanship and American Grand Strategy (HUAD)	C	3
Upper Division **CEL Elective**	C	6
CEL Upper Division Elective: students can take 3 credits of lower-division CEL Elective and only 3 credits of upper-division CEL Elective if they take CEL 306 or CEL 308 for the required course above (instead of CEL 100).		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in civic and economic thought and leadership; BS in civic and economic thought and leadership

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

A minor from the School of Civic and Economic Thought and Leadership can support a student's major and may be beneficial when seeking employment or applying to graduate school. Completing a minor program shows employers or schools that the student is focused on educational goals and can handle the additional workload.

Graduates who are interested in careers as lawyers, doctors, journalists, educators, foreign service officers, law enforcement officials and political scientists benefit from this liberal arts education; they have the academic foundation they need to ask informed questions, make sound decisions for the common good, and solve the difficult problems that leaders in any discipline confront.

Contact information

School of Civic & Economic Thought and Leadership | COOR 6611
https://scetl.asu.edu/
scetladvising@asu.edu
480-965-0155

Classical Civilizations Minor (LACLCVMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The minor program in classical civilization provides a solid grounding in ancient civilization and mythology, along with an interdisciplinary introduction to the ancient world as a whole. Students add to this base by selecting from a wide variety of courses covering language, literature, art, philosophy, history and religion.

Students who study abroad with the Dorrance Scholarship program can apply their experience to this minor.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 15 credit hours of courses detailed below. At least nine credit hours must be upper division. A minimum of six credit hours must be completed in residence at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Mythology and Classics		
Mythology and Classics Courses		
GRK 142 / SLC 142 Ancient Greek Civilization (HUAD)		
GRK 223 / LAT 223 / SLC 223 Introduction to Greek and Roman Mythology (HUAD)	C	3
SLC 194 Topic: Close Readings in Classical Literature		
Culture Core (choose two)		
Upper Division Culture Core Courses		
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		
LAT 356 / SLC 356 Rome from Village to Empire	C	6
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
Academic credit received as part of study abroad programs may be used in this category. Speak with an academic advisor for more information.		
Classical Civilizations Electives		

Requirement	Minimum Grade	Credit Hours
Upper Division Classical Civilizations Electives	C	3
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 346 / HST 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 444 / LAT 444 / SLC 444 Heroes, Ancient and Modern		
GRK Elective		
Note: GRK electives cannot fulfill a requirement in more than one area.		
HST 349 Early Middle Ages		
HST 373 Roman History I: Foundations and Republic		
HST 374 Roman History II: The Roman Empire (GCSI)		
HST 397 Greece and Rome at War		
LAT Elective		
Note: LAT electives cannot fulfill a requirement in more than one area.		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 316 Literary Readings of the Hebrew Bible		
REL 371 New Testament (GCSI)		
REL 375 Lost Scriptures, Forgotten Gospels		

Requirement	Minimum Grade	Credit Hours
Academic credit received as part of study abroad programs may be used in this category. Speak with an academic advisor for more information.		
Classical Civilizations Electives	C	3
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 346 / HST 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 444 / LAT 444 / SLC 444 Heroes, Ancient and Modern		
GRK Elective		
Note: GRK electives cannot fulfill a requirement in more than one area.		
HST 349 Early Middle Ages		
HST 373 Roman History I: Foundations and Republic		
HST 374 Roman History II: The Roman Empire (GCSI)		
HST 397 Greece and Rome at War		
LAT Elective		
Note: LAT electives cannot fulfill a requirement in more than one area.		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 316 Literary Readings of the Hebrew Bible		

Requirement	Minimum Grade	Credit Hours
REL 371 New Testament (GCSI)		
REL 375 Lost Scriptures, Forgotten Gospels		
Academic credit received as part of study abroad programs may be used in this category. Speak with an academic advisor for more information.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in international letters and cultures (classical civilization); BA in international letters and cultures (classics)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Some of the most popular career fields among classics students are education, law, the nonprofit sector, medicine and business, according to a survey of more than 600 classics students published in The Classical Journal. Adding the study of classical civilizations to a program of study distinguishes students as having a deeper understanding of the roots of Western civilization, culture and history that serve them in just about any major or career they pursue.

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/degree/minor/classical-civilizations-minor
silcadvising@asu.edu
480-965-6281

Classics Minor (LACLAMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The minor program in classics provides a solid grounding in the language and literature of Greek and Roman antiquity, along with an interdisciplinary introduction to the ancient world as a whole. To add to this base, students may choose from a wide variety of courses covering language, literature, art, philosophy, history, mythology and religion.

Students who complete study abroad with the Dorrance Scholarship program can apply their experience to this minor.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in classics requires 18-20 credit hours of courses detailed below. At least 12 credit hours must be upper division. A minimum of six credit hours must be completed in residence at ASU. All courses must be completed with a grade of 'C' (2.00 on a 4.00 scale) or higher.		
Required Language - Greek or Latin		
Greek		
GRK 201 Intermediate Ancient Greek		
GRK 301 Ancient Greek Literature I		
GRK 301 repeatable for credit		
GRK 302 Ancient Greek Literature II		
GRK 302 repeatable for credit		
OR **Latin**	C	6 - 8
LAT 201 Intermediate Latin I		
LAT 202 Intermediate Latin II		
LAT 421 Roman Literature		
LAT 421 repeatable for credit		
Take six credits from either the Greek or Latin track. Any six or more credits of the following will count: GRK 201, 301, 302, independent study taught in Greek or LAT 201, 202, 421, or independent study taught in Latin.		
Culture		
Upper Division Culture Courses (choose two)	C	6
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		

Requirement	Minimum Grade	Credit Hours
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
Classics Electives		
Upper Division Classics Electives (choose two)	C	6
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 444 / LAT 444 / SLC 444 Heroes, Ancient and Modern		
HST 356 Europe since 1945		
HST 347 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
HST 349 Early Middle Ages		
HST 373 Roman History I: Foundations and Republic		
HST 374 Roman History II: The Roman Empire (GCSI)		
HST 397 Greece and Rome at War		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 316 Literary Readings of the Hebrew Bible		
REL 371 New Testament (GCSI)		

Requirement	Minimum Grade	Credit Hours
REL 375 Lost Scriptures, Forgotten Gospels		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in international letters and cultures (classical civilization); BA in international letters and cultures (classics)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Some of the most popular career fields among classics students are education, law, the nonprofit sector, medicine and business, according to a survey of more than 600 classics students published in The Classical Journal. Adding a classics minor to a student's program of study distinguishes them as having the advanced analytical reading and communication skills that come from studying Latin or ancient Greek, plus a deeper understanding of the roots of Western civilization, culture and history.

Contact information

School of International Letters and Cultures | DH 318
https://silc.asu.edu/
silcadvising@asu.edu
480-965-6281

Communication Minor (HSCMNMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in communication provides students with the opportunity to understand the role and function of communication in cultural, public, organizational and relational contexts.

The program offers a flexible set of courses and is designed for students majoring in another field.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in communication consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
COM 100 Introduction to Human Communication (SOBE) If COM 100 is being applied toward a major requirement, a COM upper-division elective may be completed as a substitution.	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
Upper Division **COM Elective** Up to 3 credit hours of experiential learning (382/383/483/484/498/499) may apply toward this requirement.	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in communication

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

The minor in communication is a strong addition to any major. The program enhances student preparation for employment in such diverse areas as:

- advertising
- corporate communications
- crisis management
- health communications
- human resource management
- media and public relations
- social media
- training and development

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/HSCMNMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Communication Minor (LSCOMMIN)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix, Polytechnic

Description: In the minor program in communication, students learn the practical and theoretical aspects of communication, focusing on message-based processes that create, maintain and transform identities, relationships, organizations and cultures.

Curriculum

Requirement	Minimum Grade	Credit Hours
This minor requires 18 credit hours of communication courses. Six credit hours must be taken from COM courses offered by the College of Integrative Sciences and Arts.		
COM 100 Introduction to Human Communication (SOBE)	C	3
COM 430 Leadership in Group Communication	C	3
COM Elective	C	3
Upper Division **COM Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA or BS in communication; BA in business (communication)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in communication can help graduates as they pursue careers in marketing, law, human resources, management and numerous related fields.

Contact information

School of Applied Sciences and Arts | AZCNTR 380
https://cisa.asu.edu/
CISA@asu.edu
480-965-4464

Communication Minor (LACOMMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in communication focuses on teaching students how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in communication consists of 18 credit hours, of which 12 credit hours must be upper division. Nine of the 18 credit hours must be ASU resident-credit courses, including six upper-division credit hours offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Courses		
COM 100 Introduction to Human Communication (SOBE)	C	3
COM 225 Public Speaking and Presentations (CIVI) **or** COM 259 Communication in Business and the Professions (CIVI)	C	3
Electives		
Upper Division COM Electives	C	12
COM 310 Communication in Interpersonal Relationships (SOBE)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 317 Nonverbal Communication (SOBE)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 403 Intercultural Business Communication (CIVI)		

Requirement	Minimum Grade	Credit Hours
COM 411 Communication in the Family (SOBE)		
COM 452 Communication and the Art of Happiness		
COM 453 Communication Training and Development		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA and BS in communication

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in communication can help graduates as they pursue careers in marketing, education or public relations.

Contact information

Hugh Downs School of Human Communication | STAUF A412
https://humancommunication.asu.edu/
communication@asu.edu
480-965-5095

Community Health Minor (NUCHLTMIN)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley

Description: The minor program in community health is designed for those who want to create healthy, sustainable communities.

Community health focuses on the actions and conditions needed for the health and well-being of individuals, families and communities. Students acquire skills for working with teams in diverse settings to formulate research-based strategies that assist individuals in making healthy and sustainable lifestyle choices.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in community health consists of 15 credit hours. At least nine of the 15 credit hours must be upper-division courses. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 231 Fundamentals of Community Health	C	3
Upper Division Electives		
HCR 303 Assessing Needs, Assets and Capacity for Health Education		
HCR 331 Communication within Communities		
HCR 335 Program Development and Management for Community Health	C	9
HCR 336 Environmental Community Health		
HCR 435 Leaders in Community Health		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in community health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Students pursuing the community health minor learn about health care and,

specifically, the impact that communities have on health care.

Graduates often pursue employment in an organization focused on health care. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/minors
EdsonCollege.advising@asu.edu
602-496-0888

Community Sports Management Minor (PPCSMMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The minor program in community sports management equips students with essential skills for managing recreational amateur sports programs within their community. This program lays the foundation for community sport management and complements degrees in community-oriented professions, empowering students to make a positive impact.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Course		
CSM 201 Introduction to Parks, Recreation and Sport Management Offered fall semester only.	C	3
Elective Courses		
Choose five elective courses; at least nine hours must be upper division.		
Course offered fall semester only: PRM 304		
Courses offered spring semester only: PRM 306, PRM 335, PRM 483, PRM 485		
Electives	C	6
CRD 402 Assessment and Evaluation of Community Services (QTRS)		
NLM 220 Introduction to Nonprofit Organizations		
PRM 203 Program Planning		
PRM 304 Recreation and Sport Planning and Facilities		
PRM 306 Advanced Programming and Facilitation		
PRM 310 Volunteer Management (CIVI)		

Requirement	Minimum Grade	Credit Hours
PRM 335 Sports and Recreation for Youth Development		
PRM 483 Sports Tourism		
PRM 485 Sports Events		
RTH 364 Foundations in Recreational Therapy (SOBE)		

Upper Division Electives

CRD 402 Assessment and Evaluation of Community Services (QTRS)		
PRM 304 Recreation and Sport Planning and Facilities		
PRM 306 Advanced Programming and Facilitation		
PRM 310 Volunteer Management (CIVI)	C	9
PRM 335 Sports and Recreation for Youth Development		
PRM 483 Sports Tourism		
PRM 485 Sports Events		
RTH 364 Foundations in Recreational Therapy (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Sport programs exist in a number of settings, including nonprofit organizations, public agencies and corporate programs. For students interested in a career in one of these settings, or for those who are simply interested in sport, this minor can provide additional relevant skills.

Opportunities for graduates with this minor include coaching and sports marketing management.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Computational Mathematical Sciences Minor (LACMSMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The computational mathematical sciences minor program offers a structured curriculum with a focus on applied math. Students develop a framework of scientific computing and numerical analysis skills.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in computational mathematical sciences consists of a minimum of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and at least six upper-division hours must be taken from The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Course Requirements		
MAT 271 Calculus with Analytic Geometry II (MATH) **or** MAT 266 Calculus for Engineers II (MATH)	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) **or** MAT 267 Calculus for Engineers III (MATH)	C	3 - 4
MAT 342 Linear Algebra **or** MAT 343 Applied Linear Algebra	C	3
MAT 420 Scientific Computing	C	3
MAT 421 Applied Computational Methods (MATH)	C	3
MAT 423 Numerical Analysis I (MATH) **or** MAT 425 Numerical Analysis II	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science; BS in statistics; BS in data science; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

A minor in computational mathematical sciences is one of the most versatile minors, offering graduates many potential career options. Graduates are well positioned to pursue careers in computer technology, business, medical research, teaching and education, engineering and more. Diverse areas of study, such as cancer modeling, weather forecasting and financial modeling, all involve computational mathematical sciences.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu/
math@asu.edu
480-965-7195

Conflict Resolution Minor (ASCNRMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in conflict resolution introduces students to theories and practices that enable them to understand, address and transform conflict while dealing with challenges at both the micro and the macro levels in professional and cross-cultural contexts, and in individual and collective interactions.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in conflict resolution consists of 15 credit hours of coursework, of which a minimum of nine hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		

Requirement	Minimum Grade	Credit Hours
COM 100 Introduction to Human Communication (SOBE) If COM 100 is being applied toward a major requirement, a COM upper-division elective may be completed as a substitution.	C	3
COM 312 Communication, Conflict, and Negotiation (CIVI)	C	3
COM 371 Language, Culture and Communication (GCSI) **or** COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)	C	3
COM 400 Communication in Professions **or** COM 423 Facilitating Collaboration and Dialogue **or** COM 430 Leadership in Group Communication **or** COM 432 Forgiveness and Reconciliation **or** COM 451 Communication and Work Relationships	C	3
PAX 230 Introduction to Peace Studies (GCSI) **or** JHR 100 Introduction to Social Justice and Human Rights (CIVI)	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: COM 312, a required course in the minor, has a minimum GPA of 2.00.

Incompatible Majors: BA in conflict resolution

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates who have completed the minor can take an interdisciplinary approach to conflict resolution while being grounded in communication. With this solid background, they are ready to pursue further education or careers in diverse areas and in relevant professions. Potential job titles include:

arbitrator, mediator or conciliator
educator
guidance counselor
human resource manager or specialist
marriage and family therapist
patient representative
residential advisor

social and community service manager

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social and Behavioral Sciences and School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASCNRMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Construction Management Minor (ESCMGMIN)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Description: The minor program in construction management comprises coursework in construction management processes that incorporates the technology and industry practices required to ensure a quality-built environment.

Given industry demands for increased numbers of skilled personnel, this program provides much-needed supplementary knowledge for architecture, engineering and business majors as well as for students majoring in sustainability.

Curriculum

Requirement	Minimum Grade	Credit Hours
CON 244 Working Drawing Analysis	C	3
CON 251 Microcomputer Applications for Construction	C	3
CON 252 Building Construction Methods, Materials, and Equipment	C	3
CON 383 Construction Estimating		3
CON 453 Construction Technology		3
CON 495 Construction Planning and Scheduling		3
CON 496 Construction Contract Administration		3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in construction management; BSE in construction engineering

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Construction management graduates can be employed as:

- building services engineers
- building surveyors
- facilities managers
- site engineers
- sustainability consultants

Contact information

School of Sustainable Engineering & Built Envirnmt | HLMK 437
https://ssebe.engineering.asu.edu/
sebe.advising@asu.edu
480-965-0595

Counseling and Applied Psychological Science Minor (LSCAPSMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Description: Coursework for the counseling and applied psychological science minor program focuses on the promotion of psychological well-being. Students learn basic counseling skills and techniques to complement a variety of social science and health majors, including psychology, public health, interdisciplinary studies, social work and the humanities, among many others.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
CAP 120 Introduction to Counseling (SOBE)	C	3
CAP 220 Self in a Multicultural Society (SOBE)	C	3
CAP 240 Counseling Skills	C	3
Electives		
Upper Division Electives	C	12
CAP 310 Addictions I: Foundations and Basic Principles		
CAP 315 Trauma and Crisis Intervention		

Requirement	Minimum Grade	Credit Hours
CAP 316 Combat Trauma		
CAP 320 Theories of Counseling and Psychotherapy		
CAP 323 Psychology of Coaching		
CAP 325 Professional Practice and Ethics in Counseling		
CAP 330 Group Counseling		
CAP 335 Addiction Group Counseling		
CAP 336 Counseling Military Veterans		
CAP 340 Multicultural Counseling Theory and Practice		
CAP 342 Community Outreach, Prevention and Intervention		
CAP 345 Social Issues in Counseling and Psychology		
CAP 351 Issues in Assessment, Diagnosis and Treatment		
CAP 400 Advanced Counseling Research Methods		
CAP 420 School Counseling		
CAP 440 Addictions II: Treatment, Recovery and Relapse Prevention		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
JUS 305 Principles of Justice Studies (HUAD)		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 341 Developmental Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
PSY 369 Biology of Human Sexuality		
PSY 385 Psychology of Gender (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 444 Adolescent Psychology and Psychopathology		
PSY 472 Clinical Psychology		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in counseling and applied psychological science (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors, diversify their skills with training in another discipline, and improve their job outlook. Although most careers require more training than a minor alone can provide, a minor in counseling and applied psychological science can add value for those pursuing careers in education, social work or health care.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Criminology and Criminal Justice Minor (PPCRJMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The minor program in criminology and criminal justice allows students in other undergraduate programs at ASU to explore issues of crime, law and the criminal justice system. The program provides students with the tools to

analyze complex issues and policies within the criminal justice system, enhancing their ability to understand the nature of crime and the system response to lawbreaking.

In addition to the three required courses, which provide a solid understanding of the field, each student selects electives to meet specific interests.

Curriculum

Requirement	Minimum Grade	Credit Hours
Minor Requirements:		
At minimum, be in junior standing to take upper-division courses.		
Complete CRJ 100 as the prerequisite for all upper-division CRJ courses.		
Complete a minimum of 18 credit hours of graded classroom and online coursework (internship or independent study not applicable).		
Complete a minimum of 12 credit hours of CRJ resident credit at ASU.		
Consider meeting with a criminal justice advisor prior to registration.		
Required Courses		
CRJ 100 Introduction to Criminal Justice (SOBE)	C	3
CRJ 309 Criminology (SOBE)	C	3
CRJ 203 Courts and Sentencing **or** CRJ 230 Introduction to Policing **or** CRJ 240 Introduction to Corrections	C	3
CRJ 305 Gender, Crime, and Criminal Justice (SOBE) **or** CRJ 306 Race, Ethnicity, Crime, and Criminal Justice (CIVI)	C	3
Electives		
Upper Division **CRJ Elective** Choose any two CRJ courses at the 300-level or higher.	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in criminology and criminal justice; BS in public service and public policy with the following concentrations: criminology, law and policy, or emergency management and homeland security

Other Enrollment Requirements: None

Applicants are asked to meet with a criminal justice advisor prior to registration.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates of the criminology and criminal justice minor find a strong job market in the public and private sectors. Employment opportunities exist in:

- bank fraud investigation
- corrections
- the court system
- domestic terrorism investigation
- federal agencies
- homeland security
- law enforcement
- legal offices
- parole offices
- private security
- probation offices
- victim advocate agencies

Graduates also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
SCCJAdvising@asu.edu
602-496-1658

Dance Minor (FADANMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The minor program in dance provides an inclusive, dynamic and culturally diverse learning environment where students can develop their creativity and artistry. The innovative curriculum provides flexibility, promotes creative collaboration and encourages a holistic approach to acquiring dance skills. Movement practices, performance and creativity define the core of the program. Students have the opportunity to engage in a variety of dance styles, and develop their understanding of dance and how it connects to community and culture.

Curriculum

Requirement	Minimum Grade	Credit Hours
Creative Practices or Somatics (choose one course)		
DCE 136 Introduction to Somatic Movement	C	2 - 3
DCE 160 Creative Practices I		
DCE 236 Somatic Movement Applications: A Closer Look		
Major Level Movement Courses (choose one course)		
DCE 133 Hip Hop I	C	2
DCE 134 Contemporary Modern I		
DCE 135 Contemporary Ballet I		
DCE 139 Afro-Latin Salsa I		
Movement Courses and Context Courses	C	6
DCE 110 Argentine Tango I		
DCE 115 Yoga I		
DCE 116 T'ai Chi Chuan I		
DCE 118 Yoga/Pilates		
DCE 120 Nonmajors Contemporary Modern I		
DCE 121 Ballet I		
DCE 122 Jazz I		
DCE 123 Nonmajors Hip Hop I		
DCE 124 Latin/Swing/Ballroom I		
DCE 125 Nonmajors Afro-Latin/Salsa I		
DCE 126 Country-Western		
DCE 133 Hip Hop I		

Requirement	Minimum Grade	Credit Hours
DCE 134 Contemporary Modern I		
DCE 135 Contemporary Ballet I		
DCE 136 Introduction to Somatic Movement		
DCE 137 African and Diaspora Movement Practices I		
DCE 139 Afro-Latin Salsa I		
DCE 161 Creative Practices II		
DCE 194 Special Topics		
DCE 201 Dance, Culture, and Global Contexts (GCSI)		
DCE 202 Dance in U.S. Popular Culture (HUAD)		
DCE 203 The Walking Body (HUAD)		
DCE 205 How Dance Matters: A Sociocultural Framing (HUAD)		
DCE 224 Latin/Swing/Ballroom II		
DCE 225 Nonmajors Afro-Latin/Salsa II		
DCE 226 Musical and Kinesthetic Communication in Dance		
DCE 233 Hip Hop II		
DCE 234 Contemporary Modern II		
DCE 235 Contemporary Ballet II		
DCE 236 Somatic Movement Applications: A Closer Look		
DCE 238 Hip Hop Ensemble		
DCE 239 Afro-Latin Salsa II		
DCE 240 Media for Dance (QTRS)		
DCE 294 Topic: Authentic Jazz Dance		
DCE 294 Topic: Sol Motion Immersion		

Requirement	Minimum Grade	Credit Hours
DCE 305 Dance, Health and Wellness (HUAD)		
Upper Division Dance Options	C	9
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 302 History of American Hip Hop Dance (HUAD)		
DCE 303 The Body Condition(ed) (SOBE)		
DCE 304 Dance at the Movies (HUAD)		
DCE 306 History of Salsa: Afro-Latin Social and Global Contexts (HUAD)		
DCE 324 Latin/Swing/Ballroom III		
DCE 325 Nonmajors Afro-Latin/Salsa III		
DCE 333 Hip Hop III		
DCE 334 Contemporary Modern III		
DCE 335 Contemporary Ballet III		
DCE 336 Somatic Movement Development and Facilitation		
DCE 339 Afro-Latin Salsa III		
DCE 394 Topic: Choreography & Performance		
DCE 394 Topic: Ballroom Dance Studies		
DCE 402 Ethnography of Dance Practices (HUAD)		
DCE 403 Making. Living. Thriving Through the Arts		
DCE 404 Dance and Ethics (CIVI)		
DCE 405 Writing the Creating Body (HUAD)		
DCE 438 Dance Theatre Performance/Production		
DCE 484 Internship		

Requirement	Minimum Grade	Credit Hours
DCE 494 Topic: Advanced Studies in Media for Dance		
DCE 494 Topic: Generative Critique:The Critical Response Process		
DCE 494 Topic: Latin Performance Ensemble		
DCE 494 Topic: The Atlas of Creative Tools		
DCE 499 Individualized Instruction		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: All dance majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in dance can help graduates as they pursue careers in fields such as arts administration, teaching, acting and fitness.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MDTAdmissions@asu.edu
480-965-5069

Data Science Minor (LADATSCMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the minor program in data science, students gain skills in statistics, probability and coding in the context of large data sets. They become proficient in understanding and manipulating data sets to draw conclusions and make recommendations that impact practical settings.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in data science consists of a minimum of 25 credit hours, at least 12 of which must be at the upper-division level and at least six upper division hours must be taken from The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for courses used in the minor.		
Required Courses		
DAT 250 Data Science and Society	C	3
DAT 300 Mathematical Tools for Data Science	C	3
DAT 301 Exploring Data in R and Python	C	4
DAT 401 Statistical Modeling and Inference for Data Science	C	3
DAT 402 Machine Learning for Data Science	C	3
MAT 265 Calculus for Engineers I (MATH) **or** MAT 270 Calculus with Analytic Geometry I (MATH)	C	3 - 4
MAT 266 Calculus for Engineers II (MATH) **or** MAT 271 Calculus with Analytic Geometry II (MATH)	C	3 - 4
MAT 343 Applied Linear Algebra **or** MAT 342 Linear Algebra	C	3
Notes		
Prerequisite courses may be needed in order to complete the requirements of this minor.		

Enrollment requirements

GPA Requirement: None

Incompatible Majors: All majors in the School of Mathematical and Statistical Sciences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates with a minor in data science may be more valuable to prospective employers. They have enhanced critical thinking and decision-making skills, which help them as they pursue careers in areas as diverse as business, engineering, science, industry and government.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
Math@asu.edu
480-965-7195

Design Studies Minor (ARDSNMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: Students interested in design can earn a minor in design studies through this nonstudio-based program of study that focuses on the design disciplines offered in The Design School:

• architectural studies
• graphic design
• industrial design
• interior design
• landscape architecture

Curriculum

Requirement	Minimum Grade	Credit Hours
Lower-Division Design Studies		6
ALA 100 Introduction to Environmental Design (HUAD)		
ALA 102 Landscapes and Sustainability (SUST)		
ARC 101 Architecture Project I		
ARC 102 Architecture Project II		
ARC 111 Architecture of Architecture I		
ARC 112 Architecture of Architecture II		
DSC 101 Design Awareness (HUAD)		
EDS 223 Design Thinking		

Requirement	Minimum Grade	Credit Hours
GRA 101 Designing Life		
GRA 111 Graphic Design History I (HUAD)		
GRA 112 Graphic Design History II		
GRA 225 Communication/Interaction Design Theory		
GRA 294 Topic: Illustrator		
GRA 294 Topic: InDesign		
GRA 294 Topic: Photoshop		
IND 242 Materials and Design		
IND 243 Design for Ecology and Social Equity		
INT 111 Interior Design Issues and Theories (HUAD)		
INT 121 Introduction to Computer Modeling for Interior Design (QTRS)		
INT 123 Introduction to Computer-Aided Design and Building Information Modeling		
INT 131 Design and Human Behavior (SOBE)		
LAP 231 Introduction to Digital Applications for Designers (QTRS)		
LAP 251 Plant Materials for Sustainable Landscapes		
Upper Division Design Studies		12
APH 494 Topic: Frank Lloyd Wright		
APH 494 Topic: Peter Zumthor		
APH 494 Topic: The Image of Rome		
ARC 330 World and Western Architecture for Nonmajors **or** ARC 331 World and Western Architecture I		
ARC 332 World and Western Architecture II		

Requirement	Minimum Grade	Credit Hours
ARC 394 Special Topics		
ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)		
ARC 434 Great Cities (HUAD)		
ARC 436 Charles and Ray Eames		
ARC 494 Special Topics		
DSC 394 Topic: Design Entrepreneurship & Society		
DSC 494 Special Topics		
EDS 301 Sustainable Community Design and Practices (SUST)		
GRA 345 Design Rhetoric		
GRA 401 Creative Environment		
GRA 440 Finding Purpose		
IND 316 20th-Century Design I (HUAD)		
IND 317 20th-Century Design II (HUAD)		
IND 344 Human Factors in Design		
IND 354 Principles of Product Design		
INT 310 History of Interior Design I (HUAD)		
INT 311 History of Interior Design II (HUAD)		
INT 415 Latin American Design (GCSI)		
INT 494 Topic: Contemporary Design Issues in Europe		
INT 494 Topic: Design and Context		
LAP 311 History of Landscape Architecture (HUAD)		
LAP 312 20th-Century Landscape Architecture		
LAP 485 International Field Studies		

Requirement	Minimum Grade	Credit Hours
LAP 494 Special Topics		
LPH 494 Special Topics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.50

Incompatible Majors: All majors in The Design School; BA in design studies; BA in design studies (design management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in design studies is intended to provide an overview of design processes and design thinking that can benefit any major within ASU. Many industries, including business and engineering, seek candidates who have experience with and an understanding of design thinking; those who possess this skill have a distinct method of approaching ongoing problems with new insights that lead to solutions.

Contact information

The Design School | CDS 101
https://design.asu.edu/
herbergeradvising@asu.edu
480-965-4495

Digital Audiences Minor (CSDAUMIN)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix, Online

Description: Who are digital consumers? How can they be measured? And how can data-driven strategy better engage and grow audiences?

By exploring the users of websites, social networks and apps, and applying techniques across digital analytics, social media, search engine optimization and search engine marketing, students who pursue the digital audiences minor gain a rich understanding of how to acquire and engage audiences with digital content and campaigns.

The program uses real cases from actual brands and organizations to explore tools such as Google Analytics and Meta Ads, and tactics including competitive keyword research and digital advertising. Upon completion, students have a portfolio of authentic client work and the skills to strategically grow digital audiences and harness analytics to drive organizational change.

Curriculum

Requirement	Minimum Grade	Credit Hours
Students must complete MCO 307 first, followed by MCO 433, MCO 434 and MCO 438 in any order. Those four courses must be successfully completed prior to MCO 439. Students must earn a "C" or better in all courses to be awarded the minor.		
MCO 307 The Digital Audience	C	3
MCO 433 Social Media Campaigns, Engagement and Research	C	3
MCO 434 Search Engine Research and Strategy	C	3
MCO 438 Digital Audience Analysis	C	3
MCO 439 Digital Audience Growth	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Students interested in pursuing graduate programs in digital audiences should consult with the Cronkite School academic advising office.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in digital audiences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor or the Cronkite School advising department (https://cronkite.asu.edu/students/advising/undergraduate/) for more information.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates of the digital audiences minor program pursue careers in digital advertising, SEO, social media strategy and email marketing, as well as roles in communication, marketing, engagement and strategy at organizations in their major fields.

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
cronkiteadvising@asu.edu
602-496-5055

Digital Media Literacy Minor (CSDMLMIN)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Online

Description: The minor program in digital media literacy prepares students to be at the forefront of strategic and ethical issues related to digital media, including mis- and disinformation, automation, verification, security and privacy. Students explore how media is created, consumed and researched, and how better information creates better communities.

Students learn to use advanced tools and tactics to analyze media, verify and interpret information, exercise their freedom of expression, and use content to improve their own lives and society.

Curriculum

Requirement	Minimum Grade	Credit Hours
Students must maintain a 2.00 cumulative GPA and complete each minor course with a grade of "C" or better in order to be awarded the minor.		
MCO 302 Media Research Methods	C	3
MCO 425 Digital Media Literacy I	C	3
MCO 426 Digital Media Literacy II	C	3
MCO 427 Misinformation and Society	C	3
MCO 428 Digital Media and Freedom of Expression in the 21st Century	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in digital media literacy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates of this program pursue a variety of professional and educational opportunities. The program's liberal arts foundation --- including critical thinking, communication, research and problem-solving --- gives graduates the intellectual agility to thrive in many fields. Specialization in the technical, ethical, legal, social and economic aspects of digital media is especially valuable, as employers of all sizes try to leverage digital media to serve consumers.

As organizations try to keep up with digital transformation and plan for the future, having a deep understanding of how digital ecosystems work is critical. Demand for graduates of digital media literacy is anticipated to rise in fields such as health care communication, public service and sustainability; and the U.S. Bureau of Labor Statistics categorizes many jobs in these areas as having a bright outlook in the job market.

Given increasing emphasis on teaching media literacy to students of all ages and at every level, graduates can expect to find employment opportunities in a variety of educational settings. Some graduates may pursue graduate school in disciplines such as education, library science, law, public policy, business, public relations, digital strategy and journalism.

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
cronkiteadvising@asu.edu
602-496-5055

Disability Studies Minor (ASDISASMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: ASU Sync, Online

Description: The minor program in disability studies explores historical, linguistic, social, artistic and legal dimensions of disability with the goal of improving society in ways that benefit those with disabilities.

The curriculum combines theory and practice, preparing students to address injustices, exclusions and misapprehensions regarding disabilities through advocacy and self-advocacy, education, knowledge of the law and historical awareness. The coursework, designed to complement any undergraduate major, uses an electronic portfolio tailored to students' professional interests.

Format options
The disability studies minor program is offered in two formats: ASU Online and ASU Sync.

ASU Online: The online program offers all coursework virtually (https://asuonline.asu.edu/students/courses/). Courses are typically offered in a 6--7.5 week format, and they are taught asynchronously (no set time to attend class each week). Students access course content on their own schedule and complete assignments by preset deadlines.

ASU Sync: The Sync program (https://provost.asu.edu/sync) is a flexible minor option that allows students to attend classes virtually or in person. Courses in the minor (i.e. DST courses) are offered virtually, either as iCourses or live virtual lectures with faculty and peers (Sync classes). Courses required outside the minor, such as general studies or electives, are offered in person or virtually as iCourses. Students should review Class Search (https://catalog.apps.asu.edu/catalog/classes) to determine course format options offered each semester to ensure that they can attend courses in the modalities available. The Sync program option is open to Arizona residents and nonresidents. Nonresidents should consider time zone differences because most Sync classes are scheduled according to local Arizona time.

International students on F-1 or J-1 immigration status should consult the International Students and Scholar Center (https://issc.asu.edu/) regarding eligibility and restrictions for Sync or other virtual courses.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in disability studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
DST 101 Introduction to Disability Studies (CIVI)	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
Upper Division Disability Studies Electives	C	9
AMS 449 / ETH 449 / WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 469 / ETH 469 / WST 469 Trash Talk		
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
BIO 312 / IAS 340 / PHI 320 Bioethics (HUAD)		
CDE 498 / FAS 498 / SOC 498 Topic: Disability and Inclusion		

Requirement	Minimum Grade	Credit Hours
COM 421 Rhetoric of Social Issues		
COM 494 / DST 494 Topic: Disability & Media: The Politics of Representation		
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE)		
DST 394 Topic: International Disability Issues		
DST 394 Topic: Disability History		
DST 394 Topic: Civil Rights Law and Accessibility Compliance		
DST 394 / ENG 394 Topic: Disability Studies Memoir and Writing		
DST 394 Special Topics		
DST 458 Disability and Communication Advocacy		
DST 469 / ENG 469 Science and Literature		
DST 494 Topic: Gender, Sexuality, and Disability		
DST 494 / ENG 494 Topic: Disability and Aesthetics **or** IAP 494 Topic: Disability & Media: The Politics of Representation		
DST 494 Special Topics		
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)		
HRC 494 Topic: Veterans and Critical Disability Studies		
IAP 494 Topic: Accessibility in Digital Arts and Design		
JMC 366 Media Ethics		
JUS 301 Research in Justice Studies (SOBE)		
JUS 437 The Social Construction of Disability and Justice (HUAD)		
JUS 494 Topic: Policy, Advocacy and Disability		
RTH 364 Foundations in Recreational Therapy (SOBE)		
SOC 352 Social Change (CIVI)		

Requirement	Minimum Grade	Credit Hours
SOC 400 Perspectives on Aging		
SOC 426 Social Inequalities (CIVI)		
WST 444 Gender, Health, and Bodies (SOBE)		

Upper Division Capstone

DST 484 Internship		
DST 493 Honors Thesis	C	3
DST 499 Individualized Instruction		
HRC 480 Capstone: Practices and Approaches		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in disability studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates who have completed a minor in disability studies find career opportunities in many fields, such as social justice, civil service, law, health care advocacy, social work, education, rehabilitative health care, counseling, business, policy and advocacy, and government, as well as with community and nongovernmental organizations.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N100

https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASDISASMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Early Childhood Education Minor (TEECEDMIN)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley

Description: A minor program in early childhood education enables students to combine knowledge gained in their major discipline with an understanding of educational practices for young children and their families.

Students complete specialized coursework in topics such as childhood development, advocacy in early childhood, educational psychology, and family and cultural diversity.

The goal of this program is to produce graduates who understand child development and can apply that knowledge when collaborating with other educators in schools and other learning environments, such as preschools and community centers.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
CDE 350 Inequality and Diversity in Education (CIVI) **or** FAS 370 Family Ethnic and Cultural Diversity (CIVI) **or** HEP 443 Emotional Health and Interpersonal Relationships **or** JUS 235 Disability, Justice and Advocacy (CIVI)		3
ECS 312 Social and Emotional Development of the Young Child (SOBE)		3
ECS 430 Systems, Policy, and Advocacy in Early Childhood/Special Education		3
EDP 310 Educational Psychology for Non-Teachers Students must complete three 1-hour EDP 310 courses.		3
SPE 222 Orientation to Education of Exceptional Children (CIVI)		3
TEL 215 Introduction to Child and Adolescent Development (SOBE)		3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: All education majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in early childhood education acquire knowledge and skills related to child development and educational support, which benefits them as they pursue careers that require working with young children and their families in a variety of educational settings. Graduates are prepared to work in settings such as preschools, with childcare providers and in after-school care.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu/
educationadvising@asu.edu
480-965-5555

Economics Minor (LAECNMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: Economics is a social science that examines how societies, businesses and individuals deal with scarcity. The minor program in economics offers instruction by distinguished researchers and award-winning professors, helping students build a foundation of economics and data analysis that supports their investigation of the forces shaping national and global economies.

Students create a personalized program of study that covers economic theory and applications, and upper-division offerings suit individual interests and goals.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in economics consists of 18 credit hours in economics courses, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by the W. P. Carey School of Business. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.		
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
Upper Division **ECN Elective** No more than three credit hours of ECN 484 Internship may be applied to the minor.	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in economics; BS in economics (politics and the economy); BS in politics and the economy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in economics may help graduates as they pursue careers in business, finance, government and law.

Contact information

Economics Program in CLAS | CRTVC 412
https://wpcarey.asu.edu/economics-degrees/undergraduate
wpcareyecn@asu.edu
480-965-3531

Educational Studies Minor (TEEDSTMIN)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, Online

Description: The educational studies minor program prepares students to work with children, youth and adults in a variety of learning contexts.

Students broaden their skill set by completing specialized coursework in topics such as pedagogy, educational technology and problem-solving.

Students learn how to apply educational techniques in many professional settings. The program provides a foundation for students to make an impact as educators in a society in which the importance of lifelong learning and learning outside traditional school-based environments is likely to grow.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in educational studies includes six hours of required courses and nine hours from overview of education courses.		
Required Courses		
Select two courses:		
EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)		
SPE 223 Intersection of Society, Disabilities and Inclusion (CIVI)	C	6
TEL 111 Exploration of Education (HUAD)		
TEL 208 Education in a Changing World (GCSI)		
TEL 215 Introduction to Child and Adolescent Development (SOBE)		
Upper Division Overview of Education Courses		
Select three courses:		
EDU 301 Why Education?		
EDU 302 Diversity in Learning Contexts		
EDU 402 Partnering to Advance Educational Initiatives	C	9
LSE 303 Human Development: Addressing Learner Capabilities (SOBE)		
LSE 305 Conceptualizing Learning: Theories in Practice		
LSE 401 Designing Learning Environments for Inclusion (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: All education majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in educational studies are equipped with skills in leadership, collaboration and innovation. All of these skills are valuable for individuals pursuing educational careers in a variety of settings, including nonprofits, community institutions, civic organizations and businesses.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu/
educationadvising@asu.edu
480-965-5555

Engineering Management Minor (ESENMMIN)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Description: The curriculum for the minor program in engineering management supplements students' majors by adding to the breadth of engineering science and design and by equipping students with additional management and design skills. This knowledge is augmented by an understanding of business practices, organizational behavior and management skills, enabling students to succeed in the management of a scientific or engineering enterprise.

Topics covered include project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship and operations management, in addition to product design and process development.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in engineering management requires completion of 18 credit hours: three core courses (nine credit hours) and three elective courses (nine credit hours). All courses must be passed with a "C" or better. At least 12 credit hours must be completed in residency at ASU or through ASU Online.		
IEE 300 Economic Analysis for Engineers	C	3

Requirement			Minimum Grade	Credit Hours
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)			C	3
IEE 458 Project Management	**or**	CEE 481 Civil Engineering Project Management	C	3
Electives (choose 3)				
IEE 369 Work Analysis and Design			C	9
IEE 376 Operations Research Deterministic Techniques/Applications				
IEE 381 Lean Six Sigma Methodology				
IEE 412 Introduction to Financial Engineering				
IEE 431 Engineering Administration				
IEE 437 Human Factors Engineering				
IEE 454 Risk Management				
IEE 456 Introduction to Systems Engineering				
IEE 474 Quality Control				

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

CEE 481 may not be used for both the BSE in civil engineering and the minor in engineering management.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BSE in engineering management; BSE in industrial engineering

Other Enrollment Requirements: Before they enroll in the minor, students must have completed MAT 265 Calculus for Engineers I and MAT 266 Calculus for Engineers II (or an equivalent calculus sequence) with a grade of "C" or higher in each.

IEE 380 Probability and Statistics for Engineering Problem Solving is a required course. If a student is required to take IEE 380 for their degree, they must take another elective to replace the requirement for the minor.

Interested students should consult with a School of Computing and Augmented Intelligence advisor

(https://fultonapps.asu.edu/advising/) to verify eligibility and to review all courses required for the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. The minor in engineering management can help students pursuing careers in engineering and business fields to gain valuable skills in management for engineering-related professions, potentially fast-tracking them into a managerial role down the line in their profession.

Career examples include production supervisor, project management team member and project management team leader.

Contact information

Industrial, Systems & Operations Engineering Prgm | CTRPT 105
https://scai.engineering.asu.edu/engineering-management-bse/engineering-management-minor/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

English Minor (ASENGMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The English minor program helps students strengthen their analytical skills, shape their own ideas, and flexibly develop their own interests. English courses are regularly offered in fiction and poetry; periods and authors in British, American and global literatures; women's and ethnic literatures; and creative and expository writing.

Students have the opportunity to gain practical publishing experience with the literary magazine Canyon Voices (https://newcollege.asu.edu/canyonvoices).

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in English consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
ENG 200 Critical Reading and Writing About Literature (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division **ENG Elective**	C	3
Complete one course from each of the four distribution clusters below. At least six credit hours must be upper division from across the clusters. Individual courses do not apply to more than one requirement.		
Borders, Boundaries, Citizenship Distribution Cluster	C	3
ENG 221 Survey of English Literature (HUAD)		
ENG 222 Survey of English Literature (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		
ENG 242 Literatures of the United States, 1860 to Present (HUAD)		
ENG 328 The Novel to Jane Austen (HUAD)		
ENG 333 American Ethnic Literature		
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 342 20th-Century British and Irish Literature		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 379 Travel Writing		
ENG 386 American Gothic		
ENG 394 Topic: Oral History & Storytelling in Humanities & Arts		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 432 The American Renaissance		
ENG 457 Studies in American Poetry (HUAD)		
ENG 462 Africana Literature		

Requirement	Minimum Grade	Credit Hours
ENG 498 Topic: Reading England's Literary Landscapes		
Bodies, Intersections, Transitions Distribution Cluster		
ENG 203 Introduction to Health Humanities		
ENG 323 Rhetoric and Grammar		
ENG 324 Horror: Film and Short Stories		
ENG 333 American Ethnic Literature		
ENG 364 Women and Literature (HUAD)		
ENG 369 Science Fiction Studies		
ENG 421 Studies in Shakespeare (HUAD)		
ENG 431 Whitman and Dickinson	C	3
ENG 443 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature		
ENG 461 Studies in Women and Literature		
ENG 472 Rhetorical Studies		
ENG 476 Studies in Folklore		
ENG 478 Studies in Modernism		
ENG 494 Topic: Disrupting Dis/Ability Discourses		
ENG 494 Topic: Weird Fiction: Films and Short Stories		
Climate, Energy, Infrastructure Distribution Cluster	C	3
ENG 245 Popular Culture Issues		
ENG 324 Horror: Film and Short Stories		
ENG 342 20th-Century British and Irish Literature		

Requirement	Minimum Grade	Credit Hours
ENG 367 Environmental Issues in Literature and Film		
ENG 369 Science Fiction Studies		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 415 Studies in Medieval Literature and Culture (HUAD)		
ENG 416 Chaucer in Middle English (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		
ENG 498 Topic: Reading England's Literary Landscapes		
Writing, Power, Change Distribution Cluster	C	3
ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)		
ENG 213 Introduction to the Study of Language (SOBE)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		
ENG 288 Beginning Creative Writing Workshop in Fiction		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 323 Rhetoric and Grammar		
ENG 339 Creating Dramatic Works: Page to Stage to Screen		
ENG 352 Short Story (HUAD)		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 361 Scriptwriting		
ENG 379 Travel Writing		

Requirement	Minimum Grade	Credit Hours
ENG 394 / IAP 394 Topic: Print and the Protest		
ENG 410 Writing for Publication		
ENG 416 Chaucer in Middle English (HUAD)		
ENG 425 Studies in Romanticism (HUAD)		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 437 The American Novel, 1900 - 1960		
ENG 440 Studies in American Literature and Culture		
ENG 472 Rhetorical Studies		
ENG 484 Topic: Pen Project Prison Teaching		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in English; BA in English (secondary education)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates who have completed a minor in English are better prepared for professional training in law, business, teaching and public policy; for careers in marketing, public relations, government, diplomacy and community work; and for other professions in which problem-solving, creativity, research strengths, writing, interpersonal and digital skills are necessary and valued.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASENGMIN/undergrad/true/177

harcsadvising@asu.edu
602-543-3000

English Minor (LSENGMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: In the minor program in English, students focus on effective writing, critical thinking, and reading sophisticated literary and nonliterary texts.

Curriculum

Requirement	Minimum Grade	Credit Hours
The English minor consists of 18 credit hours. A minimum of nine upper-division credit hours is required, of which at least six credit hours must be taken through the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.		
Required Course		
ENG 200 Critical Reading and Writing About Literature (HUAD)	C	3
Electives		
ENG Elective	C	6
Upper Division **ENG Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00 cumulative GPA

Incompatible Majors: BA in English

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in English can help graduates as they pursue careers in any field in which effective written communication and textual interpretation are important, including publishing, marketing, law, journalism, management, education and numerous other fields. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

English Minor (LAENGMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Description: In the minor program in English, students gain the knowledge and skills that enable them to improve their writing and that enhance their ability to read and think analytically and become critical consumers of media.

This program is delivered entirely online and serves as a complement to the chosen major of undergraduate students who are pursuing an ASU major online.

Curriculum

Requirement	Minimum Grade	Credit Hours
The online minor in English consists of 18 credit hours, of which at least 12 credit hours must be upper division. At least six of the upper-division credit hours must be earned from The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.		
Core Courses		
Core Courses		
ENG 211 Introduction to English Studies (HUAD)		
ENG 305 Interpretive Theory (HUAD)		
ENG 308 Form and History/Culture (HUAD)	C	3
ENG 309 Rhetoric for Writers (CIVI)		
ENG 327 English Studies Research		
ENG 489 Scholarly Products		
Upper Division Core Courses	C	6
ENG 305 Interpretive Theory (HUAD)		

Requirement				Minimum Grade	Credit Hours
ENG 308 Form and History/Culture (HUAD)					
ENG 309 Rhetoric for Writers (CIVI)					
ENG 327 English Studies Research					
ENG 489 Scholarly Products					
English Electives					
200-Level **ENG Elective**	**or**	300-Level **ENG Elective**	**or** 400-Level **ENG Elective**	C	3
Upper Division **ENG Elective**				C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in English

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates with a minor in English have the strong analytical and communications skills required by many professions. They often seek employment in publishing, journalism, public relations, nonprofit organizations, professional and technical writing, education, business, banking, grassroots activism, law and medicine.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of English | RBHL 170
https://english.asu.edu/

englishadvising@asu.edu
480-965-3168

English - Linguistics Minor (LAENGMINN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the minor program in English with a focus in linguistics, students examine the origins, structures and functions of language. Students gain knowledge and skills that enable them to improve their writing and that enhance their ability to read and think analytically and become critical consumers of media.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in English with a focus in linguistics consists of 18 credit hours. A minimum of 12 upper-division credit hours are required, with at least six credit hours from courses offered by The College of Liberal Arts and Sciences. Courses must be completed with a grade of "C" (2.00 on a scale of 4.00) or better to satisfy minor requirements.		
Required Courses		
ENG 213 Introduction to the Study of Language (SOBE) **or** SLC 201 Introduction to Linguistics (SOBE)	C	3
ENG 312 English in its Social Setting (SOBE)	C	3
ENG 314 Modern Grammar	C	3
ENG 413 History of English Language	C	3
Directed Electives		

Directed Electives

ENG 214 English Grammar and Usage		
ENG 313 Phonology and Morphology		
ENG 403 Semantics	C	3
ENG 404 Studies in Second Language Acquisition		
ENG 414 Studies in Linguistics		
ENG 404 and ENG 414 are variable topics courses and may be repeated with different topics.		

Requirement	Minimum Grade	Credit Hours
Upper Division Directed Electives		
ENG 313 Phonology and Morphology		
ENG 403 Semantics		
ENG 404 Studies in Second Language Acquisition	C	3
ENG 414 Studies in Linguistics		
ENG 404 and ENG 414 are variable topics courses and may be repeated with different topics.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in English (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in English with a focus in linguistics can help graduates as they pursue careers in writing, teaching, editing and publishing.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

English - Literature Minor (LAENGMINT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The minor program in English with a focus on literature emphasizes global literatures in English, from the earliest writings to the present. Students can choose from a broad array of courses to further explore subjects such as race and ethnicity, gender and sexuality, and literary histories and traditions.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in English with a focus in literature consists of 18 credit hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.		
Required Courses		
Required Courses		
ENG 206 Introduction to Literary Studies (HUAD)		
ENG 304 Critical Theories and Methods		
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 349 Global Literary Studies	C	3
ENG 350 Studies in Literary Histories and Traditions		
ENG 384 Studies in Gender and Sexuality in Literature and Culture		
ENG 444 Topics for Interdisciplinary Study of Literature and Culture		
ENG 491 Topics for Advanced Research		
Upper Division Required Courses	C	6
ENG 304 Critical Theories and Methods		
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 349 Global Literary Studies		
ENG 350 Studies in Literary Histories and Traditions		
ENG 384 Studies in Gender and Sexuality in Literature and Culture		
ENG 444 Topics for Interdisciplinary Study of Literature and Culture		

Requirement	Minimum Grade	Credit Hours
ENG 491 Topics for Advanced Research		
Electives		
200-Level **ENG Elective** **or** 300-Level **ENG Elective** **or** 400-Level **ENG Elective**	C	3
Upper Division **ENG Elective**	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in English (including all concentrations); BAE in secondary education (English)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in English literature can help students as they pursue careers in technical or professional writing or in teaching. The skills graduates possess in critical and analytical writing and comprehension skills gained through close reading and discussion are applicable in all career fields.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

Environmental Science Minor (ASENVMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The environmental science minor program provides students with a fundamental understanding of how the natural world functions as a system, how changes in this system influence organisms and humans, and how this system is impacted by humans.

An understanding of human-environment interactions gained through this minor augments students' major field of study. The curriculum is designed for students from a variety of majors to explore their interests --- they choose from categories of scientific coursework and skill-based curricula that provide applied experiences.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in environmental science consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
ENV 201 Fundamentals of Environmental Science (SUST)	C	3
IAS 407 Environmental Philosophy and Policy (SUST) **or** PHI 407 Environmental Philosophy and Policy (SUST) **OR** IAS 409 Eco-Community Ethics **or** PHI 409 Eco-Community Ethics **OR** PHI 310 Environmental Ethics (SUST)	C	3
Upper Division Environmental Science Electives	C	9
Elective options are grouped together by thematic tracks. Students may choose electives from multiple tracks.		
Global/Ecosystem Focus:		
BIO 422 Ecosystem Ecology		
CHM 302 Environmental Chemistry		
ENV 410 Soil Science		
LSC 434 Marine Ecology		
MIC 443 The Microbial Universe **AND** MIC 444 The Microbial Universe Laboratory		
Organismal Focus:		
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 410 Techniques in Conservation Biology and Ecology		

Requirement	Minimum Grade	Credit Hours
BIO 412 Conservation in Practice		
BIO 474 Herpetology		
Upper Division PLB Elective		
Skills in Environmental Science:		
ENV 345 Spatial Analysis in the Environmental Sciences		
ENV 388 STEM Research Fundamentals		
ENV 485 Environmental Impact Assessment (CIVI)		
ENV 499 Individualized Instruction		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS and BA environmental science; BS and BA environmental science (environmental justice)

Other Enrollment Requirements: The first course in this minor, ENV 201, has prerequisites of BIO 181 General Biology I, BIO 182 General Biology II and CHM 116 General Chemistry II.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates who have completed this minor have the foundational knowledge they need to apply environmental concepts and awareness to their future careers.

Many career fields have environmental applications, including:

academic research
business
economics
entrepreneurship
health

Career opportunities are many, including positions in:

environmental policy agencies
federal and state agencies
municipality planning offices
nongovernmental and nonprofit organizations
private consulting firms

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASENVMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Environmental and Resource Management Minor (ESERMMIN)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Description: The minor program in environmental and resource management provides students with a thorough introduction to environmental regulations and key environmental management issues, such as the provision of clean, potable water; wastewater treatment; and solid and hazardous waste management; as well as remediation technologies for polluted soils, groundwater and air. Students learn to apply basic science and engineering principles to solving problems that significantly impact human health and ecosystems.

The environmental and resource management minor program is a valuable addition to majors that focus on environmental issues, whether from a technical or a policy perspective. The courses form a coherent whole and demonstrate the connection between science, engineering, public policy, management and the law.

Curriculum

Requirement	Minimum Grade	Credit Hours
ERM 201 Environmental Management	C	3
ERM 203 Environmental Regulations	C	3
ERM 302 Water and Wastewater Treatment Technology	C	3
ERM 401 Hazardous Waste Management	C	3
Upper Division Electives	C	6
ERM 402 Unit Treatment Technologies		
ERM 406 Environmental Chemistry		
ERM 407 Occupational Hygiene		
ERM 426 Environmental Issues		

Requirement	Minimum Grade	Credit Hours
ERM 428 International Environmental Management		
ERM 432 Sustainable Solid Waste Management		
ERM 494 Topic: Algal Bioprocess and Biosystems Engineering		
ERM 494 Topic: Environmental Management Leadership		
ERM 494 Topic: Water and Food Security		
ERM 494 Topic: Environmental Health		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in environmental and resource management

Other Enrollment Requirements: Interested students must have at least sophomore status.

Students should consult with an advisor in The Polytechnic School (https://fultonapps.asu.edu/advising) to verify eligibility and to review all courses required for the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with the skills gained in this minor are in high demand and can find work in industry, governmental management and regulatory agencies, and policymaking organizations.

Contact information

Environmental and Resource Management | WANER 240
https://poly.engineering.asu.edu/ERM
polyadvising@asu.edu
480-727-1874

Ethnic Studies Minor (ASETHMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in ethnic studies explores the changing political, social, economic and cultural realities of racial, ethnic and Indigenous communities in the United States and the Americas.

The coursework combines topics in the humanities, arts and social sciences, and instruction is given on methods to critically analyze racial, ethnic, gender and sexual identities; transnational movements; and diverse forms of cultural, literary and political expression.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in ethnic studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
ETH 100 Ethnic and Indigenous Lives (GCSI)	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
Upper Division Ethnic Studies Electives	C	12
AMS 332 Studies in Race and Ethnicity		
ASB 342 / SBS 342 / SOC 342 Mexico-U.S. Borderlands		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ENG 338 Protest Literature		
ENG 359 Indigenous American Literature		
ENG 420 / IAS 420 Multicultural Autobiographies (HUAD)		
ENG 462 Africana Literature		
ENG 463 African American Literature		
ENG 476 Studies in Folklore		
ENG 353 / ETH 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 / ETH 354 African American Literature: Harlem Renaissance to the Present (HUAD)		

Requirement	Minimum Grade	Credit Hours
ETH 380 / WST 380 Race, Gender, and Class (SOBE)		
AMS 428 / ETH 428 Peoples and Cultures of the American West, to 1848		
ETH 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 450 Latina/os, Schooling and Social Inequality		
ETH 473 / WST 473 Indigenous and Latina/Chicana Representation		
ENG 484 / ETH 484 / JHR 484 Topic: Pen Project Prison Teaching		
ETH 499 Individualized Instruction		
HST 419 20th Century Chicano/a History		
IAP 302 Cross-Cultural Perspectives on the Arts		
IAP 464 Media and Diversity (HUAD)		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		
SBS 301 Cultural Diversity (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (ethnicity, race and Indigenous studies)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates are prepared for careers or graduate school in a variety of fields, including:

business
community development
criminal justice
education
governance
health care
public relations
public policy
social services

Potential careers include:

community health worker
journalist
secondary and high school teacher
social and community service manager

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASETHMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Family and Human Development Minor (LAFASMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the minor program in family and human development, students learn about the stages of development, from birth to late adulthood, and the important influences of family and society on how we change and grow.

This program's curriculum is an exceptional complement to studies in psychology, communication, education, business and nursing.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in family and human development consists of 18 credit hours in family studies and child development. At least 12 of the 18 credit hours must be upper-division courses. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Courses		
CDE 232 Human Development (SOBE)	C	3
FAS 101 Personal Growth and Relationships (SOBE)	C	3
FAS 370 Family Ethnic and Cultural Diversity (CIVI)	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Electives		
Upper Division **CDE Elective**	C	3
Upper Division **CDE Elective** **or** Upper Division **FAS Elective**	C	6
A maximum of 3 credits of CDE 484, CDE 493, CDE 499, FAS 390, FAS 484, FAS 492, FAS 493 or FAS 499 may apply to the upper division electives.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in family and human development

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in family and human development can help graduates as they pursue careers in health care, counseling and social work, sociology or education.

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/
advisor@asu.edu
480-965-6978

Fashion Minor (HIFSHMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Downtown Phoenix, Online

Description: The minor program in fashion offers grounding in the history, social context and economics of the contemporary fashion industry. Students also have the option of pursuing more focused classes designed to introduce them to a variety of roles in this important industry: fashion history, fashion industry business practices and fashion production.

This minor program complements degree programs through subjects including marketing and merchandising, costuming, wearable technology, sustainability, management and leadership, and fashion and culture, as well as through international experience. Because of the relationship of these subjects to a wide variety of disciplines taught at ASU, many students throughout the university may supplement their major with closely-related fashion minor classes, creating a strong foundation for a variety of careers. Opportunities for study abroad can further advance students' professional goals.

Taught by well-known fashion industry professionals, students in the program develop connections to leaders in the field.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in fashion requires 19 credit hours, of which nine credit hours must be upper-division (300 or 400-level) coursework. The program includes four credits of required core courses and 15 credits of theme area courses. All courses must be completed with a minimum grade of "C" (2.00).		
Required Introductory Courses (4 credit hours)		
FSH 200 Textiles Science Lab **AND** FSH 201 Textiles Science	C	4
Fashion Theme Area Courses (15 credit hours)		
Students complete 15 credit hours (nine must be upper division) selecting courses across the theme areas below. Students may wish to determine which upper-division (300/400-level) courses they are interested in to ensure needed lower-division (100/200-level) prerequisite courses are taken. Theme Area (6) Upper Division Theme Area (9)		
Apparel Technical Design Theme	C	6
FSH 158 Fundamentals of Technical Flat Sketching		
FSH 258 Technical Design I		
FSH 358 Technical Design II		
FSH 155 Product Development Fundamentals		
FSH 256 Digital Patternmaking and Fit Analysis I		
FSH 356 Digital Patternmaking and Fit Analysis II		

Requirement	Minimum Grade	Credit Hours

OR

Fashion Apparel Design Theme

FSH 122 Apparel Construction I

FSH 203 Fashion Illustration I

FSH 205 Fundamentals of Fashion Design **or** FSH 206 Fashion Design I

FSH 208 Fashion Technology I

FSH 222 Apparel Construction II

FSH 224 Accessories Design

FSH 303 Fashion Illustration II

FSH 306 Fashion Design II

FSH 308 Fashion Technology II

FSH 342 Materials and Techniques

FSH 344 Fashion Design and Wearable Technology

FSH 323 Draping for Fashion Design

FSH 394 Topic: Sustainable Design Studio

OR

Fashion Business and Merchandising Theme

FSH 175 Merchandising Essentials

FSH 194 Topic: Consumer Attitudes & Behaviors

FSH 275 Merchandising Applications

FSH 294 Topic: Trend Forecasting

FSH 300 Global Fashion Industry (GCSI)

FSH 325 Personal Style and Wardrobe (HUAD)

Requirement	Minimum Grade	Credit Hours
FSH 326 Fashion Styling		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: Merchandising Practice		
FSH 394 Topic: AI in Fashion		
FSH 394 Topic: Fashion Case Studies		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
OR **Fashion Culture, Criticism and Curation Theme**		
ARS 394 Topic: 20th Century American & European Jewelry Design		
FSH 204 Social Aspects of Fashion (SOBE)		
FSH 304 Equity and Inclusion in Fashion		
FSH 331 / ARS 331 18th- and 19th-Century European Jewelry Design		
FSH 335 Fashion and Dress in Visual Culture		
FSH 360 Sustainable Systems in Fashion		
FSH 435 Contemporary Fashion (HUAD)		
THE 430 History of Fashion I (HUAD)		
THE 431 History of Fashion II: 20th-Century Fashion		
OR **FSH Elective**		
Upper Division Apparel Technical Design Theme	C	9

Requirement	Minimum Grade	Credit Hours
FSH 358 Technical Design II		
FSH 356 Digital Patternmaking and Fit Analysis II		
OR **Upper Division Fashion Apparel Design Theme**		
FSH 303 Fashion Illustration II		
FSH 306 Fashion Design II		
FSH 308 Fashion Technology II		
FSH 342 Materials and Techniques		
FSH 344 Fashion Design and Wearable Technology		
FSH 323 Draping for Fashion Design		
FSH 394 Topic: Sustainable Design Studio		
OR **Upper Division Fashion Business and Merchandising Theme**		
FSH 300 Global Fashion Industry (GCSI)		
FSH 325 Personal Style and Wardrobe (HUAD)		
FSH 326 Fashion Styling		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: Merchandising Practice		
FSH 394 Topic: AI in Fashion		
FSH 394 Topic: Fashion Case Studies		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		

Requirement	Minimum Grade	Credit Hours

OR **Upper Division Fashion Culture, Criticism and Curation Theme**

ARS 394 Topic: 20th Century American & European Jewelry Design

FSH 304 Equity and Inclusion in Fashion

FSH 331 / ARS 331 18th- and 19th-Century European Jewelry Design

FSH 335 Fashion and Dress in Visual Culture

FSH 360 Sustainable Systems in Fashion

FSH 435 Contemporary Fashion (HUAD)

THE 430 History of Fashion I (HUAD)

THE 431 History of Fashion II: 20th-Century Fashion

OR Upper Division **FSH Elective**

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in fashion (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in fashion can help students as they pursue careers in fashion history,

fashion industry business practices and fashion production.

Contact information

ASU FIDM | ART 102
https://asufidm.asu.edu/
asufidm@asu.edu
480-965-8521

Film and Media Production Minor (FAFMPMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The minor program in film and media production equips students with skills in basic film production and narrative techniques while teaching them about the history, theory and ethics of filmmaking, television and digital media. The program meaningfully supplements a wide variety of degrees.

Curriculum

Requirement	Minimum Grade	Credit Hours
FMP 180 Principles of Production Technology	C	3
FMP 280 Introduction to Film and Media Production	C	3
FMP 288 Understanding Ethics in Filmmaking	C	3
FMP 360 The Filmmaker's Voice	C	3
Upper Division Film Elective	C	6
FMP 300 Short Film Production		
FMP 330 Professional and Technical Writing for Film/TV Industry		
FMP 335 Careers in Film and Media Industry		
FMP 340 Approaches to International Cinema (GCSI)		
FMP 355 Transborder Digital Media Making		
FMP 394 Topic: Acting and Directing in the Sound Studio		
FMP 395 Combat in Film		
FMP 403 Independent Film (HUAD)		
FMP 405 Film and Television: Pioneers, Practices and Innovations		

Requirement	Minimum Grade	Credit Hours
FMP 417 Business and Legal Practices in Entertainment		
FMP 494 Topic: Borderlands Visionary Filmmakers Master Classes		
FMP 494 Topic: Directing the Personal Documentary		
FMP 494 Topic: Immersive Aspects of Sound		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in film (filmmaking practices); BA in film (film and media production); BFA in film and media production

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in film and media production have marketable skills in narrative techniques and media production that help them stand out in competitive industries.

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu/
filmadmissions@asu.edu
480-727-7132

Film and Media Studies Minor (LAFMSMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the minor program in film and media studies, students explore the critical and creative study of film and media. They can choose to study a variety of courses, including digital media analysis, film styles and genres, film and media franchises, video games and screenwriting.

ASU's Department of English has an extensive internship program, offering placements in publishing, media and

marketing, government, nonprofits and film festivals. The department also boasts top online programs, rigorous undergraduate research opportunities, and options for cultural and community involvement.

Curriculum

Requirement	Minimum Grade	Credit Hours
The film and media studies minor consists of 18 credit hours. At least 12 credit hours must be upper division, with a minimum of six upper-division credit hours from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Courses		
FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
FMS 200 Film and Media History (HUAD)	C	3
FMS 300 Television Studies (HUAD)	C	3
Electives		
Upper Division **FMS Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in film (film and media studies); BA in film (film and media production); BA in film (filmmaking practices); BFA in film and media production

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in film and media studies can help graduates as they pursue careers in film, television and digital media.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

Food and Nutrition Entrepreneurship Minor (ECFNTRMIN)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The food and nutrition entrepreneurship minor is available to undergraduate students interested in developing a greater understanding of nutrition, the food industry and food service operations.

Students gain basic knowledge and skills that can be used toward starting and managing their own business in the food industry. Some areas of study include:

• food service purchasing and management
• nutrition communication
• nutrition management and leadership
• nutrition science

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in food and nutrition entrepreneurship consists of 19 credit hours, of which at least 13 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
HSC 310 Health Communication **or** NTR 448 Community Nutrition	C	3
NTR 100 Introduction to Nutrition Science **or** NTR 241 Human Nutrition	C	3
NTR 142 Applied Food Principles	C	3
NTR 343 Food Service Purchasing	C	3
NTR 344 Nutrition Management and Leadership **or** NTR 360 Nutrition Entrepreneurship	C	3
NTR 445 Management of Food Service Systems	C	4

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BAS in applied nutrition and health; BS in applied nutrition and health; BS in dietetics; BS in nutritional science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in food and nutrition entrepreneurship have additional knowledge in nutrition basics and leadership, which is beneficial for a career in restaurant management or food marketing.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/ECFNTRMIN/undergrad/true/91465
chs@asu.edu
602-496-3300

Forensic Psychology Minor (ASFPSYMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: Forensic psychology is the application of psychology to the law. The minor program in forensic psychology is intended for students majoring in areas other than psychology who wish to learn about the intersection of mental health, behavior and cognition, and the legal system. The minor combines a basic overview of the field of psychology with coursework focused on the elements of psychology that touch the legal system such as criminal behavior, psychological assessment and rehabilitation, legal investigation, court proceedings and mental health.

This program further teaches students about the various roles for psychologists in the legal system and helps them discover which roles they might like to pursue through careers in mental health or criminal justice, or through graduate training.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in forensic psychology consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		

Requirement	Minimum Grade	Credit Hours
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 211 The Criminal Mind (SOBE)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3
PSY 368 Forensic Psychology	C	3
PSY 467 Psychology of Criminal Investigation	C	3
PSY 468 Psychology and Law **or** PSY 474 Correctional Psychology	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in psychology (including all concentrations); BS in counseling and applied psychological science (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Global opportunities

Global experience: Study abroad allows students in the psychology program to acquire enhanced knowledge and experience that enable them to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances.

With more than 300 options available, whether in a foreign country, in the U.S. or online, Global Education programs (https://goglobal.asu.edu/) give students a global perspective and knowledge in preparation for their career. Students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates with a minor in forensic psychology are more competitive for positions in the court, law enforcement, corrections and behavioral health areas. The minor program also serves as an introduction to the more advanced study of forensic psychology, which, with additional graduate-level training, can qualify graduates to practice as a forensic psychologist.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/school-interdisciplinary-forensics/degrees/undergraduate
sifadvising@asu.edu
602-543-3000

Forensic Science Minor (ASFOREMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: Forensic science encompasses the application of a wide variety of specialties to the legal system.

A minor program in forensic science equips students with a fundamental understanding of the basic principles of forensic science, modern laboratory practices, evidence-based critical thinking, and comprehensive knowledge of the ethical and practical considerations involved in case reports and testimony in this field. Additionally, electives within the minor offer students the opportunity to explore the specific forensic applications associated with any particular major or chosen career path. As such, this program prepares students for many potential applications of their degree in a suite of diverse employment opportunities that are in high demand.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in forensic science consists of 15 credit hours of coursework, of which a minimum of 11 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
FOR 286 Principles of Forensic Science	C	4
FOR 370 Fundamentals of Forensic Analysis	C	4
FOR 410 Testimony and Ethics in the Forensic Sciences	C	3
Upper Division Forensic Science Electives	C	4
FOR 350 Digital Forensics		
FOR 375 Forensic Botany		
FOR 377 Forensic Analytical Chemistry Laboratory		

Requirement	Minimum Grade	Credit Hours
FOR 380 Analysis of Nonhuman Forensic DNA Evidence		
FOR 394 Topic: Wildlife Forensics		
FOR 395 Forensic Anthropology: History and Modern Practice		
FOR 400 Comparative Forensics		
FOR 401 Forensic Toxicology		
FOR 402 Forensic Biology		
FOR 403 Comparative Forensics Laboratory		
FOR 404 Forensic Toxicology Laboratory		
FOR 405 Techniques in Forensic Biology Laboratory		
FOR 414 Fundamentals of Forensic Entomology		
FOR 423 Forensic Chemistry		
FOR 447 Molecular Genetics Laboratory		
FOR 455 Forensic Photography		
FOR 480 Advanced Topics in Human Forensic DNA Typing		
FOR 494 Topic: Molecular Biology		
FOR 494 Topic: Advanced Scene Mapping Lab		
FOR 494 Topic: Advanced Scene Mapping		
FOR 494 Topic: Human Osteology and Forensic Techniques		
FOR 494 Topic: Forensic Chemistry Lab		
LSC 475 / PTX 475 Principles of Toxicology		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in forensic science; BS in forensic science (death investigations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Global opportunities

Global experience: Students can learn about science and law enforcement in other countries through study abroad (https://goglobal.asu.edu/). Being immersed in another culture broadens horizons and develops professional skills such as cross-cultural communication and critical thinking.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Scientific and technological advances in the field of forensic science as well as continually increasing caseloads in law enforcement are projected to increase the number of forensic science technicians needed over the next decade. The U.S. Bureau of Labor Statistics estimates that between 2023 and 2033, employment of forensic science technicians will increase 14%, an average increase much greater than in most occupations.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASFOREMIN/undergrad/true/177
sifadvising@asu.edu
602-543-3000

French Minor (LAFREMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students pursuing a minor in French gain an understanding of the language, literature and cultures of French-speaking peoples and regions.

Students are encouraged to participate in a study abroad program (https://goglobal.asu.edu/) to enhance their education and overall minor experience.

Curriculum

Requirement	Minimum Grade	Credit Hours
The French minor requires 18 credit hours, of which 15 must be upper division. Three credit hours of FRE 200-level coursework may be applied to the French minor. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better. Course substitutions are allowed for heritage and advanced speakers of the language with approval from an academic advisor in the School of International Letters and Cultures.		
Required Courses		
FRE 202 Intermediate French II **or** FRE 210 Intensive French II	C	3
FRE 305 Readings in French Literature	C	3
FRE 311 Oral and Written Expression I	C	3
FRE 312 Oral and Written Expression II	C	3
FRE 321 French Cultural Masterpieces I **or** FRE 322 French Cultural Masterpieces II	C	3
Upper Division **FRE Elective**	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in French

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Minor programs enable graduates to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in French can help graduates with communication and cultural competency skills as they pursue careers, such as in political analysis, sociology and marketing.

Contact information

School of International Letters and Cultures | DH 131

https://silc.asu.edu/degree/minor/french-minor
silcadvising@asu.edu
480-965-6281

Gender, Women and Sexuality Studies Minor (ASWSTMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: This minor program combines interdisciplinary topics and methods to critically analyze, unpack and address how relations of gender are embedded in and connected to social, political and cultural transformations. The intellectual core draws from theories, methods and teachings in women and gender studies while engaging complementary fields of social justice, cultural studies, sexuality studies, queer studies, literature, history, sociology, psychology, oral history, ethnicity, race and Indigenous studies, and transnational studies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in gender, women, and sexuality studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
WST 100 Women, Gender, and Society (SOBE) **or** WST 300 Women and Gender in Contemporary Society (SOBE)	C	3
Upper Division Gender, Women and Sexuality Studies Electives	C	12
AMS 334 / ETH 333 / WST 334 Class in America		
ENG 336 / WST 330 Women, Film and Culture		
ENG 364 Women and Literature (HUAD)		
ENG 443 / WST 415 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		

Requirement	Minimum Grade	Credit Hours
WST 333 Critical Perspectives on Sexuality (SOBE)		
WST 370 Chronicling Women's Lives		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		
WST 390 / REL 390 Women, Gender and Religion (GCSI)		
WST 428 Gender, Madness and Justice (SOBE)		
WST 430 Gender on the Borderlands (HUAD)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		
WST 473 Indigenous and Latina/Chicana Representation		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (women and gender studies); BA in gender, women and sexuality studies; BS in gender, women and sexuality studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates of this program are prepared for graduate study or employment in a variety of fields, including business, health care, criminal justice, social services, education, public relations, nonprofits, community development, public

policy and government. Possible careers include community health worker, secondary school teacher, human resource manager, probation officer, social and community service manager and writer, as well as positions in academia.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASWSTMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Gender, Women and Sexuality Studies Minor (LAWSTMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor in gender, women and sexuality studies is an interdisciplinary program emphasizing intersectional approaches to the study of gender, race, class, ethnicity and sexuality in national and transnational contexts. The curriculum leads students to explore ideas about gender and understand how these ideas have been transformed by feminist theory.

Curriculum

Requirement	Minimum Grade	Credit Hours
The gender, women and sexuality studies minor consists of 18 credit hours, of which at least 12 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses in the minor.		
Required Courses		
WST 100 Women, Gender, and Society (SOBE) **or** WST 300 Women and Gender in Contemporary Society (SOBE)	C	3
Core Elective Courses		
WST 377 History of American Feminist Thought (HUAD) **or** WST 378 Global Feminist Theory (GCSI) **or** WST 380 Race, Gender, and Class (SOBE)	C	3
Electives		
WST Elective	C	3
Upper Division **WST Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (women and gender studies); BS and BA in women and gender studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with the knowledge and skills acquired through the minor in gender, women and sexuality studies can bring social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Geography Minor (LAGCUMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The geography minor program, rooted in a foundation of cultural and physical geography, encourages students to explore intersections of place and space. Students learn about the modern world from local and global perspectives and gain a deeper understanding of how humans impact landscapes. Students can select classes based on their specific interests in this customizable program.

Curriculum

Requirement			Minimum Grade	Credit Hours
The minor in geography requires a minimum of 19 credit hours, of which at least 12 credit hours must be upper division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.				
GPH 111 Introduction to Physical Geography (SCIT)	**AND**	GPH 112 Introduction to Physical Geography Lab (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
Cultural Geography (Choose one)		
GCU 102 Introduction to Human Geography (GCSI) **or** GCU 121 World Geography (GCSI) **or** GCU 241 The Global Economy in Transition	C	3
Upper Division Geography Minor Elective		
Upper Division GPH Elective Upper Division GCU Elective Upper Division GIS Elective	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Incompatible majors: BA and BS in Geography; BS in Geography (Urban Studies); BS in Geography (Meteorology-Climatology).

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in geography; BS in geography (meteorology-climatology)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates with a minor in geography are strong candidates for positions that require an understanding of landforms, water, plants, weather and people --- and the interactions that take place among them. This understanding can be valuable in a variety of careers and fields, including:

business
city and urban planning
community outreach
government agencies
marketing
nonprofit organizations
sustainability
tourism

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/minor/geography-minor
SGSUP.advising@asu.edu
480-965-7533

Geological Sciences Minor (LAGLGMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The geological sciences minor program is designed for students who are interested in developing a basic understanding of earth science and analyzing issues from a scientific viewpoint.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in geological sciences consists of 21 credit hours, of which at least 13 credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** GLG 103 Introduction to Geology I: Laboratory (SCIT)	C	4
GLG 102 Introduction to Geology II (Historical) (SCIT) **AND** GLG 104 Introduction to Geology II: Laboratory (SCIT)	C	4
GLG 310 Structural Geology	C	3
GLG 321 Mineralogy	C	3
SES 401 Earth and Space Exploration Colloquium	C	1
Upper Division **GLG Elective** GLG upper division elective courses should be 3 credits each.	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in earth and environmental sciences; BS in earth and environmental sciences; BS in Earth and space exploration (astrobiology and biogeosciences); BS in Earth and space exploration (geological and planetary sciences)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates of the geological sciences minor have received a solid background in earth materials and processes that are fundamental to careers in environmental engineering and planning, science education, hydrogeology, water resources and scientific publishing, and in many government and nongovernmental agencies.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

German Minor (LAGERMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Through the minor program in German, students gain insights into the largest European economy and a key player in global politics. Studying the German language, culture and history not only complements degrees across a wide variety of fields but also helps students gain an understanding of centuries of philosophy, music and art.

Curriculum

Requirement	Minimum Grade	Credit Hours
The German minor requires 18 credit hours, of which 15 must be upper division. Three credit hours of GER 200-level coursework may be applied to the German minor. Course substitutions are allowed for heritage and advanced speakers of the language. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		

Requirement	Minimum Grade	Credit Hours
GER 200-Level Coursework		
GER 200-Level Courses (choose one)		
GER 201 Intermediate German I GER 202 Intermediate German II GER 210 Intensive German II Three credit hours of 200-level coursework will be applied to the minor and any additional credit hours will be applied toward university elective hours.	C	3
Required Courses		
GER 312 Explore German Culture (GCSI)	C	3
GER 420 Discover - Discuss - Design: German Language and Culture	C	3
GER Courses		
Upper Division GER Courses		
GER 310 Making Sense of German Grammar GER 311 Express Yourself in German GER 313 Create in German: Writing, Speaking, Performing GER 319 Work with German	C	6
Upper Division GER Electives		
Upper Division **GER Elective**	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in German

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in German helps students with communication and cultural competency skills as they pursue careers in political analysis, education, tourism and hospitality, the military, sociology, marketing and various other fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/german-minor
silcadvising@asu.edu
480-965-6281

Global Health Minor (LASSHMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor in global health is a transdisciplinary program designed for students who seek a broad and flexible set of skills for understanding contemporary health challenges and thinking about how they might best be solved.

Global health is understood in the anthropological sense, meaning ways of understanding and addressing disease, health and well-being that can incorporate all cultures, places and time, as well as integrate knowledge of health's social, historical, biological and ecological dimensions.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 18 credit hours, 12 of which must be upper division. A minimum grade of "C" (2.00 on a scale of 4.00) is required for all coursework. At least six upper-division credit hours must be completed with courses offered by The College of Liberal Arts and Sciences.		
ASB 100 Introduction to Global Health (GCSI)	C	3
Upper Division Global Health Core (choose three)	C	9
AFR 383 Blacks in Science, Medicine and Public Health		
ASB 300 Food and Culture (SOBE)		
ASB 301 Global History of Health (HUAD)		

Requirement	Minimum Grade	Credit Hours
ASB 305 Poverty and Global Health (CIVI)		
ASB 316 Money and Culture		
ASB 327 Disaster! (SUST)		
ASB 355 Traditional Medicine and Healing (HUAD)		
ASB 357 Society, Drugs and Health (GCSI)		
ASB 370 / SOS 370 Ethics of Eating (SUST)		
ASB 376 Global Health Policy		
ASB 378 / TCL 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
ASB 457 Global Mental Health (GCSI)		
ASB 462 Medical Anthropology: Culture and Health (SOBE)		
ASB 494 Topic: Ethnic Disparities and Health		
ASB 494 Topic: Health: Social and Biocultural Theories		
ASB 494 / BIO 494 Topic: One Health		
ASM 345 Disease and Human Evolution		
ASM 401 Health and Human Biology		
ASM 403 / BIO 403 Evolutionary Medicine and Global Health		
ASM 414 Urban, Environmental and Health Challenges (SUST)		
ASM 456 Infectious Disease and Human Evolution		
BIO 318 / HPS 331 History of Medicine (HUAD)		
HST 304 Topic: Black Death:Pandemic Disease in the Medieval World		
MIC 314 / SSH 314 HIV/AIDS: Science, Behavior, and Society		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 450 Nutrition in the Life Cycle (SOBE)		

Requirement	Minimum Grade	Credit Hours
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 350 Economic Development and Globalization		
SGS 454 / SOS 447 / TCL 447 / WST 447 Gender, Culture, and Development (GCSI)		
SOC 410 / TCL 410 Race, Medicine, and the Body		
SOC 424 Women and Health (SOBE)		
SOC 427 Sociology of Health and Illness (SOBE)		
TCL 323 Latina/o Health Issues (SOBE)		
TCL 326 Health of Chicanas and Latinas		
TCL 327 Health and Migration (SOBE)		
WST 360 Women as Healers (SOBE)		
WST 365 Women and International Health		
WST 380 / AMS 380 / ETH 380 Race, Gender, and Class (SOBE)		
WST 440 Politics of Women's Health (CIVI)		
WST 444 Gender, Health, and Bodies (SOBE)		
SSH 403 Cross-Cultural Studies in Global Health (GCSI)	C	6

All global health minors are required to go on a study abroad program from a select, pre-approved program list: https://goglobal.asu.edu/students/major/global-health.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

For more information about planning for, applying to, and paying for your study abroad program, please visit the Global Education Office website: https://goglobal.asu.edu/.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in global health; BS in global health

Other Enrollment Requirements:

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with specific skills. This program supports the goals of those pursuing careers in academic research, teaching and health services. Employment venues include:

- departments of health
- government agencies
- international agencies (World Health Organization, Centers for Disease Control and Prevention, Global Health Council, World Bank, Inter-American Development Bank)
- nongovernmental organizations
- private sector
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations, such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/
shesc.undergrad@asu.edu
480-965-6215

Global Studies Minor (LASGSMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in global studies offers students exposure to global processes and institutions from a transdisciplinary perspective. The program aims to provide students with an introduction to the tools and skills

necessary to make connections linking theory with challenging global issues.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in global studies consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.		
Required Courses		
SGS 101 Thinking Globally (GCSI) **OR** SGS 301 Principles of Global Studies (GCSI)	C	3
SGS 303 Global Trends (GCSI)	C	3
Electives		
SGS Elective	C	3
Upper Division **SGS Elective** A maximum of three credit hours of SGS 484 International Experience or three credit hours of SGS 499 Individualized Instruction may be applied to the minor.	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in global studies; BA and BS in international relations

Other Enrollment Requirements: None

An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in global studies have developed critical thinking and communication skills and cross-cultural awareness. These competencies benefit graduates as they pursue careers in diplomacy, foreign service, international relations, international sales or marketing, or international trade.

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

Health Care Compliance and Regulations Minor (NUHCCRMIN)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley

Description: The minor program in health care compliance and regulations integrates best practices from the business, regulatory, ethics and medical fields. Students acquire the foundational and advanced knowledge required to support regulatory compliance in a health care environment, and the minor's focus on regulatory and ethical compliance enhances a student's major discipline.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in health care compliance and regulations consists of 16 credit hours. At least nine of the 16 credit hours must be upper-division courses. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HCR 259 Compliance and the Health Care Industry	C	4
HCR 264 Regulatory Essentials of Compliance Program Design	C	3
HCR 360 Data Security and Privacy in Health Care Compliance	C	3
HCR 362 Monitoring and Auditing for Health Care Compliance	C	3
HCR 460 Investigations and Disclosures in Health Care Compliance	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in health care compliance and regulations

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

The courses in a minor complement and enhance the skill sets and knowledge that students acquire while pursuing their major program. Although most career areas require more training than a minor can provide, students pursuing the health care compliance and regulations minor often pursue careers on the administrative side of health care organizations.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/minors
EdsonCollege.Advising@asu.edu
602-496-0888

Health Care Coordination Minor (NUHCCOMIN)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley

Description: A minor program in health care coordination enables students to combine the knowledge of their major discipline with the foundational and advanced concepts of health care coordination.

Students who complete this innovative minor program have the knowledge to navigate the health care system and assist in the coordination of health care for individuals and families to optimize outcomes.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in health care coordination consists of 15 credit hours. At least nine of the 15 credit hours must be upper-division courses. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 221 Foundational Concepts for Health Care Coordination	C	3
Upper Division Electives	C	9
HCR 302 Social Determinants of Health		
HCR 321 Advanced Concepts for Health Care Coordination		

Requirement	Minimum Grade	Credit Hours
HCR 420 Professional Role Development: Health Care Coordination		
HCR 422 Policy and Financial Principles in Health Care Coordination		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in health care coordination

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

The courses in a minor complement and enhance the skill sets and knowledge that students acquire in pursuing their major program. Although most career areas require more training than a minor can provide, graduates with the health care coordination minor often pursue employment in an organization focused on health care.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/minors
EdsonCollege.Advising@asu.edu
602-496-0888

Health Innovation Minor (NUHCIMIN)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley

Description: The health innovation minor program provides students with the foundational concepts necessary to contribute to transformational change in current health situations. Students acquire an understanding of entrepreneurial thinking and the processes involved in initiating, implementing and sustaining innovation in health settings.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in health innovation consists of 15 credit hours. At least nine of the 15 credit hours must be upper-division courses. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HCI 311 Health Innovation: Foundational Concepts	C	3
Upper Division **HCI Elective**	C	6
HCI Elective	C	6
A maximum of 3 credits of HCI 484 may apply to the minor.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in health entrepreneurship and innovation; BAS in applied science (health entrepreneurship and innovation)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Although most career areas require more training than a minor can provide, students who complete the health innovation minor program often pursue employment in an organization focused on health care, and they use their skills to help effect change within the organization.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/minors
EdsonCollege.advising@asu.edu
602-496-0888

History Minor (ASHISMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: Students in the history minor program are exposed to a broad span of history --- temporally and geographically --- from the ancient world through the modern period.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in history consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Global History Survey		
HST 100 Global History to 1500 (HUAD)		
HST 101 Global History Since 1500 (HUAD)		
or **European History/Western Civilization Survey**		
HST 102 Europe and the Mediterranean: Ancient and Medieval (HUAD)		
HST 103 Early Modern Europe: Renaissance to Enlightenment (GCSI)	C	6
HST 104 Modern Europe: French Revolution to European Union (GCSI)		
or **U.S. History Survey**		
HST 109 United States to 1865 (AMIT)		
HST 110 United States Since 1865 (HUAD)		
Students select one Survey area and complete six credits from that list.		
Upper Division **HST Elective**	C	9
HST 495 Methods of Historical Inquiry	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in history; BA in history (secondary education)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates are prepared for graduate study, professional degree programs and careers in which critical thinking, research and writing skills are highly valued, such as journalism, editing, law and civil service.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASHISMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

History Minor (LSHISMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: In the minor program in history, students focus on American history (including Southwest history), European history, environmental history, the history of technology, and the history of engineering and related fields.

Curriculum

Requirement	Minimum Grade	Credit Hours
The history minor consists of 18 credit hours. All coursework for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
A minimum of six credit hours must be taken in courses offered by the College of Integrative Sciences and Arts.		
HST Elective	C	6
Upper Division **HST Elective**	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in history; BA in history of science, ideas and innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in history can help students as they pursue careers in education; in historical interpretation and conservation; in legal professions; as archivists and curators; or in any position that requires critical thinking, research and writing skills.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

History Minor (LAHISMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: Students who pursue the minor in history study the growth and development of human society from all aspects: political, social, economic and cultural. The program covers the history of the United States, Europe, Asia, Latin America and Africa. By providing students with an understanding of how the various regions of the world developed, the minor program in history enables them to understand today's complex world.

Curriculum

Requirement	Minimum Grade	Credit Hours
The history minor consists of 18 credit hours of coursework, at least 12 of which must be upper division. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses in the minor. A minimum of six upper-division credit hours must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Core Survey Courses	C	6
HST 100 Global History to 1500 (HUAD)		
HST 101 Global History Since 1500 (HUAD)		

Requirement	Minimum Grade	Credit Hours
HST 102 Europe and the Mediterranean: Ancient and Medieval (HUAD)		
HST 103 Early Modern Europe: Renaissance to Enlightenment (GCSI)		
HST 104 Modern Europe: French Revolution to European Union (GCSI)		
HST 109 United States to 1865 (AMIT)		
HST 110 United States Since 1865 (HUAD)		
HST 111 Introduction to Asia (GCSI)		
HST 230 Introduction to Jewish Civilization (GCSI)		
HST 260 Introduction to Islam (GCSI)		
Upper Division African, Asian or Latin American History Elective	C	3
HST 302 Topic: Envisioning Peace		
HST 302 Topic: Gender and Sexuality in Islam		
HST 302 Topic: Slavery Systems in Africa		
HST 303 Studies in Asian History		
HST 305 Studies in Latin American History		
HST 307 Studies in African History		
HST 324 Food in Latin America (GCSI)		
HST 336 Islamic Civilization (HUAD)		
HST 339 Islam in the Modern World (GCSI)		
HST 372 Modern Middle East (GCSI)		
HST 375 Colonial Latin America		
HST 376 Modern Latin America		
HST 378 Inequality and Living Wages in Latin America (CIVI)		
HST 383 China		

Requirement	Minimum Grade	Credit Hours
HST 384 Modern China: 1700 to the Present		
HST 386 Interpreting China's Classics		
HST 387 Japan		
HST 388 Japan		
HST 391 Modern Southeast Asia		
HST 392 Modern India		
HST 396 Islam and Politics (CIVI)		
HST 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 441 Latin America and the World Economy		
HST 447 Modern Mexico		
HST 456 The Vietnam War (HUAD)		
Upper Division European History Elective	C	3
HST 304 Studies in European History		
HST 309 Exploration and Empire (GCSI)		
HST 346 Ancient Greece II: Late Classical and Hellenistic Period		
HST 347 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
HST 348 Rome (GCSI)		
HST 349 Early Middle Ages		
HST 350 Later Middle Ages (GCSI)		
HST 351 Renaissance Europe		
HST 352 Europe's Reformations		

Requirement	Minimum Grade	Credit Hours
HST 354 Revolutionary Europe (GCSI)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 356 Europe since 1945		
HST 358 Jewish History from Antiquity to 1492		
HST 359 Jewish History from 1492 to 1948		
HST 360 Crusades and Holy Wars (HUAD)		
HST 361 Witchcraft and Heresy in Europe (HUAD)		
HST 364 Sex and Society in Europe		
HST 367 From Empire to Brexit: Modern Britain		
HST 368 Culture and Imagination in European History		
HST 369 History and Memory of the Holocaust		
HST 370 Eastern Europe in Transition		
HST 373 Roman History I: Foundations and Republic		
HST 374 Roman History II: The Roman Empire (GCSI)		
HST 397 Greece and Rome at War		
HST 426 The British Empire		
HST 427 French Revolution/Napoleonic Era		
HST 429 Modern Germany		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 465 Women in Europe, 1750 to Present		
Upper Division U.S. History Elective	C	3
HST 300 Experience of America's Modern Wars		

Requirement	Minimum Grade	Credit Hours
HST 306 Studies in United States History		
HST 314 American Cultural History Since 1865		
HST 315 Political History of the U. S.		
HST 316 20th-Century U.S. Foreign Relations		
HST 317 History of Postwar U.S. Conservatism		
HST 318 History of Engineering (HUAD)		
HST 320 U.S. Urban History since 1850		
HST 321 Constitutional History/US to 1865		
HST 322 Constitutional History of the United States Since 1865		
HST 323 Historical Studies in Race, Crime, and the Law		
HST 325 Immigration and Ethnicity in the United States (HUAD)		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 331 Mexican American History to 1900		
HST 332 Mexican American History Since 1900 (GCSI)		
HST 333 African American History to 1865 (AMIT)		
HST 334 African American History Since 1865 (HUAD)		
HST 335 History of Black Women in America (HUAD)		
HST 337 American Indian History to 1900 (HUAD)		
HST 338 American Indian History since 1900 (HUAD)		
HST 340 American Military History (HUAD)		
HST 341 U.S. West 19th Century		
HST 342 U.S. West 20th Century		

Requirement	Minimum Grade	Credit Hours
HST 343 American Southwest		
HST 344 Arizona		
HST 345 Environmental History (SUST)		
HST 377 Sports in United States History (HUAD)		
HST 379 History of College Sports		
HST 405 Colonial American History to 1763		
HST 406 American Revolution/1763-1789		
HST 407 Early U.S. Republic/1789-1850		
HST 408 Civil War and Reconstruction (HUAD)		
HST 412 Contemporary U.S., 1973- Present		
HST 413 Contemporary America (HUAD)		
HST 414 Political History and Leadership		
HST 415 Debating the Constitution		
HST 419 20th Century Chicano/a History (HUAD)		
HST 448 Mexican/U.S. Border		
HST 449 Mexican Immigration to the U.S.		
HST 456 The Vietnam War (HUAD)		
Upper Division **HST Elective**	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

The minor in history is also available to complement the studies of ASU Online students.

Not all courses on the course lists are available every term or available in both on-campus and online formats. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in history; BA in history (secondary education); BAE in secondary education (history)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in history can help graduates as they pursue careers in many fields, including education, law, public administration, social services, foreign service and communications.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

History of Science, Technology and Innovation Minor (LSHSIIMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: Science and technology shape every facet of modern human life, but all too frequently, the underlying histories and ideas go unexamined. The minor program in the history of science, technology and innovation helps students understand how society reached its present state. The program also prompts students to reflect on what the future might hold by providing a foundation in the social and intellectual issues central to the intertwined histories of science, technology and ideas.

Curriculum

Requirement	Minimum Grade	Credit Hours
The history of science, technology and innovation minor requires 15 credit hours. A minimum of six credit hours must be taken in courses offered by the College of		

Requirement	Minimum Grade	Credit Hours
Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.		
Required Course		
HST 280 History of Science, Technology and Innovation (GCSI)	C	3
Electives		
Electives		
HST 309 Exploration and Empire (GCSI)		
HST 312 History of Women in Science and Medicine (HUAD)		
HST 318 History of Engineering (HUAD)		
HST 319 History of Aviation (HUAD)		
HST 345 Environmental History (SUST)		
HST 380 Studies in the History of Science		
HST 381 Studies in the History of Ideas		
HST 382 Studies in the History of Innovation and Technology	C	3
HST 482 Writing and the History of Science, Ideas and Technology		
MVS 402 Technology and Warfare		
STS 200 Yesterday's Tomorrows: A History of the Future		
STS 203 Animals, Technology and Society (HUAD)		
STS 303 History of Modern Science and Technology (HUAD)		
STS 330 Information Technology and Artificial Intelligence		
STS 331 Ethical Issues in Science and Technology		
Upper Division Electives	C	9
HST 309 Exploration and Empire (GCSI)		
HST 312 History of Women in Science and Medicine (HUAD)		

Requirement	Minimum Grade	Credit Hours
HST 318 History of Engineering (HUAD)		
HST 319 History of Aviation (HUAD)		
HST 345 Environmental History (SUST)		
HST 380 Studies in the History of Science		
HST 381 Studies in the History of Ideas		
HST 382 Studies in the History of Innovation and Technology		
HST 482 Writing and the History of Science, Ideas and Technology		
MVS 402 Technology and Warfare		
STS 303 History of Modern Science and Technology (HUAD)		
STS 330 Information Technology and Artificial Intelligence		
STS 331 Ethical Issues in Science and Technology		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00 cumulative GPA

Incompatible Majors: BA in history; BA in history of science, ideas and innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in the history of science, technology and innovation can help students as they pursue careers in education, historical interpretation and conservation, law, compliance and regulation of technology, or any position that requires critical thinking, research and writing skills.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Human Nutrition Minor (ECNTRMIN)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The minor program in human nutrition focuses on the science behind nutrition. This includes how:

• human bodies process nutrients for energy
• nutrients play important roles in health and disease
• nutritional needs change across the life span

This program also includes the medical nutrition therapy sequence, which provides students with a clear understanding of how nutrition can be used in a medical setting to prevent and treat diseases.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in human nutrition consists of 19 credit hours, of which at least 16 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
NTR 241 Human Nutrition	C	3
NTR 341 Medical Nutrition Therapy I	C	3
NTR 342 Medical Nutrition Therapy Lab	C	1
NTR 440 Advanced Human Nutrition I	C	3
NTR 441 Advanced Human Nutrition II	C	3
NTR 444 Medical Nutrition Therapy II	C	3
NTR 446 Medical Nutrition Therapy III **or** NTR 450 Nutrition in the Life Cycle (SOBE)	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BAS in applied nutrition and health; BS in applied nutrition and health; BS in dietetics; BS in nutritional science

Other Enrollment Requirements: To enroll in the courses required for the minor, students must complete the following courses:

BCH 361 Advanced Principles of Biochemistry
BIO 201 Human Anatomy and Physiology I
BIO 202 Human Anatomy and Physiology II
CHM 101 Introductory Chemistry
CHS 260 Health Professions Terminology

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Knowledge obtained from this minor is useful for careers in the life sciences, biology, medicine, public health and health policy. Graduates with a minor in human nutrition have enhanced knowledge of how food is digested and metabolized in the body; this information is valuable for those pursuing careers in the health and medical field.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/ECNTRMIN/undergrad/true/91465
chs@asu.edu
602-496-3300

Human Systems Engineering Minor (ESHSEMIN)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Description: In the minor program in human systems engineering, students acquire an understanding of the science of human performance and gain experience using methods and tools that enable them to apply their understanding to design and problem-solving. These skills can be used in a wide variety of domains, such as product usability, learning design, sports performance, and workplace and hospital safety.

Curriculum

Requirement	Minimum Grade	Credit Hours
HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 225 Human Systems Integration	C	3

Requirement	Minimum Grade	Credit Hours
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3
HSE 290 Experimental Methods for Human Systems Research (QTRS)	C	3
HSE 323 Perceptual Systems (SOBE) **or** HSE 324 Applied Cognitive Science (SOBE)	C	3
HSE 325 Human-Computer Interaction	C	3
Upper Division Electives		
HSE 422 Human Factors in Sport HSE 423 Human Factors in Transportation HSE 424 Human Automation Interaction HSE 425 Human Factors in Medical Systems HSE 426 Training and Expertise HSE 427 Designing for Learning HSE 428 Judgment and Decision Making HSE 429 Product Design and Evaluation	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in human systems engineering

Other Enrollment Requirements: None

Students should consult with an advisor in The Polytechnic School (https://fultonapps.asu.edu/advising) to verify eligibility and to review all courses required for the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult with their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major

or the minor program. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A variety of professions need experts in human factors. These professionals work on problems whose solutions involve an understanding of human performance in areas that include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

The human systems engineering minor prepares students for industry and government careers. Graduates may work as a member of a design team for a product or system in a position such as:

game designer
human factors engineer
human systems integrator
interface designer
usability engineer
user experience designer

Contact information

Human Systems Engineering | WANER 240J
https://poly.engineering.asu.edu/hse/
polyadvising@asu.edu
480-727-1874

Innovation in Society Minor (FIFISMIN)

College/School: College of Global Futures

Campus: Tempe, Online

Description: Innovation is fundamentally about empowering people and unlocking their potential to create positive change. That requires a human touch and knowledge of how to put people and communities --- not technology --- first. A minor in innovation in society can be a great addition to a major course of study, preparing students to be leaders in this exciting and fast-growing field.

This program centers on building a foundational knowledge in innovation while honing skills such as scenario planning, policy analysis, the responsible design of innovations, and public engagement. Students are equipped to better understand the intricacies of modern-day challenges and anticipate and navigate future trends.

The program's small classes, one-on-one opportunities to work with faculty, and extensive community partnerships create a distinct experience in which students can learn how to grow and strengthen community leadership, capabilities and collaboration for innovation by using tools such as narrative, storytelling, visual art, participatory design and community-centered inquiry.

Curriculum

Requirement	Minimum Grade	Credit Hours
FIS 111 Welcome to the Future (CIVI)	C	3
FIS 201 Innovation in Society (HUAD)	C	3
FIS 305 Ways of Knowing	C	3
Upper Division **FIS Elective**	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA innovation in society, BS innovation in society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

As the landscape of science and technology rapidly transforms, the demand for graduates with a nuanced grasp of these changes becomes paramount. Across industries, there is a growing need for expertise in interpreting and guiding advancement in science and technology.

Graduates with this minor have highly sought-after jobs at NASA, the U.S. Department of Energy, Intel, OpenAI and beyond. Preparation in both theoretical and practical facets of innovation makes graduates invaluable assets in tech

startups, corporations, nonprofit organizations and governments. This program paves the way to careers that align with the frontiers of contemporary challenges and solutions.

Contact information

School for the Future of Innovation in Society | WCPH 4th floor
https://sfis.asu.edu/degree-programs/undergrad/minor/
cgfadvising@asu.edu
480-727-6963

Instructional Design Minor (TELDTMIN)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Description: The curriculum of the minor program in instructional design is grounded in modern learning theory and design. Coursework addresses a variety of components within the field of learning design, including foundations of instructional design, theory and design of digital learning, and digital learning evaluation.

All courses are taught online and combine a variety of resources and technologies to facilitate direct interaction between students, program faculty and classmates.

This program culminates in an internship in which students create and present a project that demonstrates their knowledge of instructional design; the project is applied in a professional context. Students work with an organization to identify an instructional need, problem or performance gap, and then develop and deploy a solution to be delivered in an online or blended format.

This minor does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other undergraduate programs offered by Mary Lou Fulton Teachers College.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
LDT 301 Foundations of Instructional Design		3
LDT 320 Digital Learning Theories		3
LDT 330 Design of Digital Learning		3
LDT 410 Assessment and Evaluation for Digital Learning		3
Required Internship		
LDT 484 Internship The required internship is a Session C 15-week course. Students must secure an approved ASU work or volunteer placement for the internship. It is recommended that this be secured three months before the start of your internship.		3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

There is growing demand for online educators, including at companies that develop materials for online students, and any organization focused on digital learning. Graduates are prepared for instructional design roles in K--12, higher education, nonprofits and corporate settings. Career examples include:

curriculum coordinator
curriculum designer or developer
distance learning manager
instructional designer
media center specialist
technology coordinator
training specialist, coordinator or manager

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu
educationadvising@asu.edu
480-965-5555

Integrative Health Minor (NUIHLTMIN)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley

Description: The integrative health minor program provides students with the foundational knowledge they need to approach health from a holistic perspective that focuses on the mind, body and spirit. This program provides an overview of holistic approaches and emphasizes research; evidence-based approaches; and the legal, ethical, historical and cultural foundations of integrative health care.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in integrative health consists of 18 credit hours. At least nine of the 18 credit hours must be upper-division courses. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HCR 241 Foundations of Integrative Health	C	3
HCR 341 Biological, Manipulative, and Body-Based Therapies	C	3
HCR 342 Mind-Body and Energy Therapies and Modalities	C	3
HCR 343 Historical and Cultural Foundations of Integrative Health Care	C	3
HCR 440 Interprofessional Approaches to Integrative Health Care	C	3
BIO Elective or CHM Elective	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in integrative health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students who complete the integrative health minor often pursue employment in an organization focused on health care. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/minors
EdsonCollege.Advising@asu.edu
602-496-0888

Integrative Social Science Minor (LSISSMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: The minor program in integrative social science is designed to provide general education in the social sciences to individuals who desire exposure to the variety of theories and methods of social scientists. Students who are seeking to expand their analytical, problem-solving and strategic planning skill sets benefit from this minor.

This minor is useful to engineers, technologists and other professionals whose specialized education may not have included crucial social science research theories and methodologies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 15 credit hours, including 12 credit hours of required courses and three credit hours of electives. All 15 credit hours must be taken in residence at ASU with a minimum of six credit hours taken in courses offered by the College of Integrative Sciences and Arts.		
Required Courses		
ISS 301 Integrated Social Science Research Methods **or** POS 301 Empirical Political Inquiry (SOBE)	C	3
ISS 304 Integrated Theories of Social Science	C	3
ISS 401 Statistics for Integrated Social Science (QTRS) **or** POS 401 Political Statistics (QTRS)	C	3
STS 304 Science, Technology and Society (SOBE)	C	3
Elective Course		

Electives

Upper Division ISS Elective		
POS 316 American Political Institutions (AMIT) POS 325 Public Policy Development (CIVI) POS 485 Political Economy (SOBE)	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in integrative social science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in integrative social science have expanded skills in the analysis of social phenomena and complex social problems and are prepared to pursue careers in strategic analysis, economics and politics.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Interdisciplinary Organizational Studies Minor (ASIOSMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in interdisciplinary organizational studies incorporates perspectives from the behavioral and social sciences, communication studies and management, and is learner centered --- students select coursework that matches their career and educational goals.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in interdisciplinary organizational studies consists of 21 credit hours of coursework, of which a minimum of 15 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
PSY 453 Organizational Behavior (SOBE)	C	3
COM 308 Communication Research Strategies **or** PSY 230 Introduction to Statistics (QTRS) **or** SBS 304 Social Statistics I (QTRS)	C	3
Upper Division Organizations Electives	C	12

Requirement	Minimum Grade	Credit Hours
COM 320 Communication and Consumerism		
COM 400 Communication in Professions		
COM 450 Organizational Communication (SOBE)		
COM 451 Communication and Work Relationships		
COM 453 Communication Training and Development		
COM 484 / PSY 484 / SOC 484 Internship		
PHI 360 Business and Professional Ethics (HUAD)		
PSY 430 Industrial Psychology		
PSY 482 Social Influence and Consumer Behavior		
SOC 324 Sociology of Work and Organizations (GCSI)		
SOC 443 Sociology of Corporations		

Diversity Within Organizations Elective

COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
POS 437 Women, Power, and Politics		
PSY 215 Psychology of Work (SOBE)	C	3
SOC 270 Sociology of Race and Ethnicity (CIVI)		
SOC 400 Perspectives on Aging		
SOC 426 Social Inequalities (CIVI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in interdisciplinary organizational studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Career opportunities

A graduate with a minor in interdisciplinary organizational studies is well suited for employment as a human relations analyst, employee training and development manager, corporate communications specialist, customer service and customer relations manager, EEO representative, labor organizer or mediator.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASIOSMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Interior Design History Minor (ARINTMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The minor in interior design history at The Design School is available to students interested in studying design and culture across many time periods.

The courses designated for the minor program are part of the professional studies in interior design environments. The coursework introduces theories that inform the professions of architecture, decorative arts and interior design, while also examining cultures and history from around the globe.

Curriculum

Requirement	Minimum Grade	Credit Hours
DSC 101 Design Awareness (HUAD)	C	3
INT 111 Interior Design Issues and Theories (HUAD)	C	3
INT 310 History of Interior Design I (HUAD)	C	3
INT 311 History of Interior Design II (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Interior Design History Courses		
ARC 330 World and Western Architecture for Nonmajors		
ARC 434 Great Cities (HUAD)		
ARC 436 Charles and Ray Eames		
APH 494 Topic: Peter Zumthor	C	6
INT 415 Latin American Design (GCSI) **or** INT 494 Topic: Design and Culture in Latin America		
INT 494 Topic: Contemporary Design Issues in Europe		
INT 494 Topic: Design and Context		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.50

Incompatible Majors: BSD in interior design

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The minor in interior design history can complement professional studies in architecture, interior design, environmental design, art, education and history. Degrees within these disciplines can lead to professional positions within studio design firms, design administration and design education.

Contact information

The Design School | CDS 101
https://design.asu.edu

herbergeradvising@asu.edu
480-965-4495

Italian Minor (LAITAMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the Italian minor program, students acquire the skills to speak, write, read and comprehend Italian through courses and professional opportunities. Students gain experience with a variety of research methods that foster their respect for and curiosity about the historical and contemporary cultures of the Italian peninsula and their relationships to global traditions.

Students have a choice of four study abroad programs in Italy in which they can focus on developing their linguistic skills and learning more about Italy's contemporary responses to global challenges such as natural disasters and industrialized food systems. In addition, students have opportunities to collaborate on research projects and participate in internships abroad.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Italian minor requires 18 credit hours. A minimum of 12 credit hours must be upper division. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Courses		
ITA 311 Speak Italy: Language, People, Culture **OR** ITA 312 Write Italy: Language, People, Culture	C	3
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans **OR** ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)	C	3
Electives		
400-Level ITA Electives ITA 413 Advanced Italian ITA 414 French and Italian Popular Culture (GCSI) ITA 420 Italian Cinema ITA 423 Italian Organized Crime in Films and History (HUAD) ITA 484 Internship ITA 494 Special Topics	C	3

Requirement	Minimum Grade	Credit Hours
ITA 499 Individualized Instruction		
Upper Division ITA Electives		
ITA 311 Speak Italy: Language, People, Culture		
ITA 312 Write Italy: Language, People, Culture		
ITA 315 Italian Culture: The Good, The Bad and The Ugly (GCSI)		
ITA 319 Italian for Professions		
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans		
ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
ITA 380 Natural Disasters: Environmental and Cultural Resilience in Italy	C	3
ITA 394 Special Topics		
ITA 413 Advanced Italian		
ITA 414 French and Italian Popular Culture (GCSI)		
ITA 420 Italian Cinema		
ITA 423 Italian Organized Crime in Films and History (HUAD)		
ITA 484 Internship		
ITA 494 Special Topics		
ITA 499 Individualized Instruction		
ITA Electives	C	6
ITA 201 Intermediate Italian I		
ITA 202 Intermediate Italian II		

Requirement	Minimum Grade	Credit Hours
ITA 210 Intensive Italian II		
ITA 311 Speak Italy: Language, People, Culture		
ITA 312 Write Italy: Language, People, Culture		
ITA 315 Italian Culture: The Good, The Bad and The Ugly (GCSI)		
ITA 319 Italian for Professions		
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans		
ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
ITA 380 Natural Disasters: Environmental and Cultural Resilience in Italy		
ITA 394 Special Topics		
ITA 413 Advanced Italian		
ITA 414 French and Italian Popular Culture (GCSI)		
ITA 420 Italian Cinema		
ITA 423 Italian Organized Crime in Films and History (HUAD)		
ITA 484 Internship		
ITA 494 Special Topics		
ITA 499 Individualized Instruction		

Students may apply a maximum of six hours of 200-level ITA courses toward the minor. If both ITA 201 and ITA 202 are completed, the remaining two credits will be counted toward university elective credit. All remaining electives must be upper-division ITA courses, of which at least three credit hours must be completed at the 400-level.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Additional courses can be used toward minor electives with permission of an academic advisor in the School of International Letters and Cultures.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in Italian

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A minor in Italian enables students to enhance the marketable skills and knowledge they acquire in their major program with additional communication and cultural competencies.

Graduates with this minor often pursue careers in political analysis, education, tourism and hospitality, the military, sociology or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/italian-minor
silcadvising@asu.edu
480-965-6281

Justice Studies Minor (LAJUSMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in justice studies is designed for students interested in developing an understanding of the meaning of justice and injustice and in analyzing controversial issues. In addition to the two required core courses, students are able to select electives that align with their specific interests.

Curriculum

Requirement	Minimum Grade	Credit Hours
The justice studies minor requires a minimum of 18 credit hours. At least 12 credit hours must be at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		

Requirement	Minimum Grade	Credit Hours
Required Core Courses		
JUS 105 Introduction to Justice Studies (CIVI) OR JUS 305 Principles of Justice Studies (HUAD)	C	3
JUS 303 Justice Theory (CIVI)	C	3
Electives		
JUS Elective	C	3
Upper Division **JUS Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in justice studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in justice studies bring specialized knowledge and skills pertaining to social justice concerns to a variety of professional careers, including law, education, public service, and human welfare and social work.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Kinesiology Minor (NHKINMIN)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The minor program in kinesiology introduces students to the concepts, theories, research and careers related to the four major subdisciplines of kinesiology:

• biomechanics
• exercise and health psychology
• exercise physiology
• motor behavior

Students in the minor select one of these four subdisciplines as the area of emphasis for the upper-division coursework.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in kinesiology consists of 18 credits, of which at least 12 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
KIN 101 Introduction to Kinesiology	C	3
KIN 290 Introduction to Evidence-Based Practice	C	3
After completion of KIN 101 and KIN 290, students must complete one track. Track options include: Biomechanics, Exercise Physiology, Exercise/Health Psychology, or Motor Behavior.		
Upper Division Biomechanics Track	C	12
Required Course:		
KIN 335 Biomechanics		
Track Electives:		
KIN 334 Functional Anatomy and Kinesiology		
KIN 412 Biomechanics of the Skeletal System		
KIN 415 Theory of Corrective Exercise		
KIN 416 Low Back Pain: Muscles and Movement		
KIN 418 Experimental Neuromechanics		
OR **Upper Division Exercise Physiology Track**		

Requirement	Minimum Grade	Credit Hours
Required Course:		
KIN 340 Physiology of Exercise		
Track Electives:		
KIN 334 Functional Anatomy and Kinesiology		
KIN 440 Exercise Biochemistry		
KIN 441 Physiology of Women in Sport		
KIN 442 Fuel Metabolism		
KIN 443 Exercise Endocrinology		
KIN 444 Metabolic Adaptations to Exercise Training		
KIN 447 ECG Interpretation		
KIN 460 Theory of Strength Training		
KIN 465 Muscle Physiology		
KIN 466 Cardiovascular Exercise Physiology		
OR **Upper Division Exercise/Health Psychology Track**		
Required Course:		
KIN 352 Psychosocial Aspects of Physical Activity (SOBE)		
Track Electives:		
EXW 400 Stress Management for Wellness		
EXW 450 Social Equity and Health (CIVI)		
HEP 380 Body Image and Wellness		
KIN 334 Functional Anatomy and Kinesiology		
KIN 348 Psychological Skills for Optimal Performance (SOBE)		

Requirement	Minimum Grade	Credit Hours
KIN 450 Biopsychosocial Perspectives on Physical Activity and Health		
KIN 452 Exercise Psychology (SOBE)		
KIN 454 Motivational Theory in Exercise and Health		

OR **Upper Division Motor Behavior Track**

Required Course:

KIN 345 Motor Behavior

Track Electives:

KIN 334 Functional Anatomy and Kinesiology

KIN 422 Motor Control in Special Populations

KIN 424 Neural Aspects of Movement and Rehabilitation

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in clinical exercise science; BS in kinesiology; BS in sports science and performance programming; BS in sports science and performance programming (strength and conditioning)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a kinesiology minor have enhanced knowledge of human movement, which is valuable for individuals pursuing careers in the health and medical fields.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHKINMIN/undergrad/true/91465
chs@asu.edu
602-496-3300

Korean Minor (LAKORMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The Korean minor program enriches and deepens students' understanding of Korea by placing special emphasis on obtaining a high level of language proficiency in Korean and gaining extensive knowledge of Korean literature, culture, film and linguistics, which are necessary for professional or academic endeavors in areas related to Korea or East Asia.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Korean consists of 18 upper-division credit hours in the field. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 credit hours must be taken in courses taught by ASU or completed through a study abroad program administered by ASU and officially recognized by the Korean program.		
Required Courses		
KOR 313 Third-Year Korean I	C	3
KOR 314 Third-Year Korean II	C	3
Korean Electives		
Upper Division Korean Electives (choose four)		
KOR 347 Korean Film and Literature (HUAD)		
KOR 350 Women of Korea		
KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)		
KOR 401 Advanced Korean I	C	12
KOR 402 Advanced Korean II		
KOR 415 / SLC 415 Korean Popular Culture		
KOR 457 / SLC 457 Premodern Korea in a Global Context		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: Students must have completed KOR 202 Second-Year Korean II with a minimum course grade of a "C" or higher, or have an equivalent level of Korean language proficiency.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in Korean are equipped with communication and cultural competency skills as they pursue careers in various fields, including translation, education, global marketing, communication, technology, military relations, tourism, hospitality and political analysis.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/korean-minor
silcadvising@asu.edu
480-965-6281

Landscape Studies Minor (ARLNDMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The landscape studies minor program at The Design School is ideal for students who have an interest in landscape architecture but are pursuing a major in another field. Through a wide variety of available courses, this program provides the framework for a greater understanding of how landscape architecture shapes the environment for a more sustainable future.

Curriculum

Requirement	Minimum Grade	Credit Hours
ALA 102 Landscapes and Sustainability (SUST)	C	3

Requirement	Minimum Grade	Credit Hours
LAP 311 History of Landscape Architecture (HUAD) **or** LAP 312 20th-Century Landscape Architecture	C	3
LAP 352 Ecosystems and Sustainable Design	C	3

Landscape Architecture Courses

LAP 251 Plant Materials for Sustainable Landscapes EDS 301 Sustainable Community Design and Practices (SUST) LAP 332 GIS Applications in Environmental Design LAP 413 Landscape Architecture Theory and Criticism LAP 485 International Field Studies LAP 494 Special Topics	C	3

Upper Division Landscape Architecture Courses

EDS 301 Sustainable Community Design and Practices (SUST) LAP 332 GIS Applications in Environmental Design LAP 413 Landscape Architecture Theory and Criticism LAP 485 International Field Studies LAP 494 Special Topics	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.50

Incompatible Majors: BSLA in landscape architecture

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation.

Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The minor in landscape studies augments a degree and expands career possibilities in any of the environmental design disciplines, including architecture, interior design and planning.

Contact information

The Design School | CDS 101
https://design.asu.edu/
herbergeradvising@asu.edu
480-965-4495

Latin American Studies Minor (ASLASMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in Latin American studies offers a learner-driven model, enabling students to deepen their specific interests through the study of Latin America. It is interdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Latin American studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
LAS 205 Introduction to Latin America (GCSI)	C	3
LAS 206 Approaches to Latin America	C	3
Upper Division Latin American Studies Electives	C	12
AMS 428 / ETH 428 / LAS 428 Peoples and Cultures of the American West, to 1848		
AMS 450 / ETH 450 / LAS 450 Latina/os, Schooling and Social Inequality		
ASB 342 / SBS 342 / SOC 342 Mexico-U.S. Borderlands		

Requirement	Minimum Grade	Credit Hours
ENG 363 / TCL 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 473 / LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
FMS 475 Latin American Film		
FOR 449 Latin American Cinema: The Dead and the Disappeared (GCSI) **or** LAS 499 Individualized Instruction **or** SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
GCU 323 Geography of Latin America (GCSI)		
HST 305 Studies in Latin American History		
HST 324 / LAS 324 Food in Latin America (GCSI)		
HST 375 / LAS 375 Colonial Latin America		
HST 376 / LAS 376 Modern Latin America		
HST 378 / LAS 378 / JHR 378 Inequality and Living Wages in Latin America (CIVI)		
HST 404 / LAS 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 419 / LAS 419 20th Century Chicano/a History		
HST 441 / LAS 441 Latin America and the World Economy		
HST 444 Latin American Independence		
HST 447 Modern Mexico		
JHR 394 Topic: Human Rights in the Global South		
JHR 494 Topic: Political Representation in Latin America		
JUS 475 / SPA 470 Law, Societies and Justice in Latino-America		
LAS 330 From the Inside: The Latin American Journey		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		

Requirement	Minimum Grade	Credit Hours
LAS 350 The Construction of a Nation: Chile in the 20th/21st Century		
LAS 351 Cityscapes: Urban Mexican Literature and Culture		
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		
LAS 394 Topic: Latin America and the Global South		
LAS 394 Special Topics		
LAS 471 Treaties and Cultural Production in Spain and the Americas		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		
LAS 481 / SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
LAS 494 Special Topics		
NEW 300 International Cities		
NEW 300 International Cities can be used as an Upper-Division Latin American Studies Elective for Latin American cities only.		
POR 394 Special Topics		
POR 460 Brazilian Society Through Music (HUAD)		
POR 494 Special Topics		
POS 453 Latin America		
POS 454 Mexico		
POS 456 Latin American Cities		
SLC 394 Special Topics		
SLC 494 Special Topics		
SPA 325 Introduction to Hispanic Literature (HUAD)		
SPA 394 Special Topics		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		

Requirement	Minimum Grade	Credit Hours
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 456 20th-Century Spanish American Fiction		
SPA 459 Latin American Jewish Culture		
SPA 472 Latin American Society: Five Case Studies		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA 494 Special Topics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in Latin American studies; BA in social and cultural analysis (Latin American studies)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

This minor program encourages cross-cultural exploration, and students who pursue it are prepared for a global-minded career path in such diverse fields as business and finance, arts and arts administration, education, nonprofit organizations, health care, the sciences, psychology, social sciences, sports, journalism, diplomacy, law enforcement, forensic science, ministry, technology, architecture and library science.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASLASMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Materials Science and Engineering Minor (ESMSEMIN)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Description: In the materials science and engineering minor program, science and engineering majors gain an in-depth understanding of materials, including their structure, processing, properties and performance.

Curriculum

Requirement	Minimum Grade	Credit Hours
Minor Required Courses		
MSE 250 Structure and Properties of Materials Students in programs that require MSE 250 will need to take an additional upper-division MSE course in place of MSE 250.	C	3
MSE 355 Structure and Defects	C	3
Upper Division **MSE Elective**	C	6
Note: MSE 301 does not count towards the minor.		
Materials-Related Lab		
Materials-Related Lab		
MSE 212 Microstructure and Properties Lab		
Note: MSE 212 is the recommended lab course to fulfill this requirement.	C	1
MSE 356 Thin Film and Microelectronic Devices Lab		
MSE 451 Nanomaterials and Electronics Characterization Lab		
Materials-Related Course		
Materials-Related Courses	C	3
BME 318 Biomaterials		
CEE 353 Civil Engineering Materials		
CHE 468 Polymer Principles and Processing		
CHM 471 Solid-State Chemistry		
EEE 352 Properties of Electronic Materials		
EEE 436 Fundamentals of Solid-State Devices		

Requirement	Minimum Grade	Credit Hours
300-Level MSE Elective		
400-Level MSE Elective		
PHY 481 Materials Physics I		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

To earn the minor, students must receive a minimum cumulative GPA of 2.50 (scale is 4.00 = "A") across all minor courses.

Enrollment requirements

GPA Requirement: 2.75

Incompatible Majors: BA in interdisciplinary studies with a concentration in materials science and engineering

Other Enrollment Requirements: Students must hold sophomore status to enroll in the materials science and engineering minor program. To earn the minor, students must earn a minimum GPA of 2.50 in all minor courses. Students adding the minor also need to complete MAT 265 (MAT 270), MAT 266 (MAT 271), MAT 267 (MAT 272), MAT 242 (MAT 342 or 343), and CHM 114 or CHM 113 and 116.

Interested students should consult with a School for Engineering of Matter, Transport and Energy advisor to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, students should contact the SEMTE advising office at 480-965-2335 or semte@asu.edu (mailto:semte@asu.edu).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

For engineering graduates, a minor in materials science and engineering could open up career opportunities in nanotechnology, electronics, health care, sustainability and energy. For nonengineering graduates, a minor in materials science and engineering can provide a foundation in sustainability, nanotechnology and materials physics.

Contact information

Materials Science and Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/materials-science-and-engineering-bse/
semte@asu.edu
480-965-2335

Mathematics Minor (ASMATHMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: In the minor program in mathematics, students explore the study of higher mathematics. It enables students to understand the mathematics most commonly used in business, economics and science. It is expected that students in the minor are able to reason and to find creative solutions to problems that are presented to them or that they meaningfully formulate.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in mathematics consists of 20 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
MAT 271 Calculus with Analytic Geometry II (MATH)	C	4
MAT 272 Calculus with Analytic Geometry III (MATH)	C	4
MAT 300 Mathematical Structures	C	3
MAT 342 Linear Algebra **or** MAT 343 Applied Linear Algebra	C	3
Upper Division Mathematics Electives	C	6
MAT 310 Introduction to Geometry		
MAT 371 Advanced Calculus I		
MAT 411 History and Philosophy of Mathematics		
MAT 421 Applied Computational Methods (MATH)		
MAT 422 Mathematical Methods in Data Science		
MAT 443 Introduction to Abstract Algebra		
MAT 445 Theory of Numbers		
MAT 452 Introduction to Chaos and Nonlinear Dynamics		
MAT 461 Applied Complex Analysis		
MAT 462 Applied Partial Differential Equations		
MAT 472 Intermediate Real Analysis I		

Requirement	Minimum Grade	Credit Hours
MAT 494 Special Topics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in applied mathematics; BA or BS in mathematics; BS in applied mathematics for the life and social sciences

Other Enrollment Requirements: MAT 270 Calculus with Analytic Geometry I may be needed to meet the requirements for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Mathematics is foundational and can be applied to many different types of careers. Math is a crucial part of engineering, life sciences, business, physics, economics and social sciences. These are just a few of the top careers possible with a minor in mathematics:

- cryptographer
- engineer
- financial analyst
- mathematician
- operations research analyst
- statistician
- teacher

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASMATHMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Mathematics Minor (LAMATMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The minor program in mathematics is designed for students who want to further their knowledge of mathematics by developing more organized and logical thinking. It is beneficial for students majoring in any field where there is a need for quantification in the analysis of information.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in mathematics consists of a minimum of 18 credit hours, of which at least 12 must be upper division and at least six upper division hours must be taken from The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for courses used in the minor.		
Required Courses A minimum of 9 credit hours are required. Students completing MAT 271 and MAT 272 will complete a total of 11 credit hours.		
MAT 266 Calculus for Engineers II (MATH) **OR** MAT 271 Calculus with Analytic Geometry II (MATH)	C	3 - 4
MAT 267 Calculus for Engineers III (MATH) **OR** MAT 272 Calculus with Analytic Geometry III (MATH)	C	3 - 4
MAT 342 Linear Algebra **OR** MAT 343 Applied Linear Algebra	C	3
Upper Division Electives Upper Division **ACT Elective** **OR** Upper Division **DAT Elective** **OR** Upper Division **MAT Elective** **OR** Upper Division **STP Elective** In consultation with an academic advisor in the School of Mathematical and Statistical Sciences, students will choose nine credit hours of upper-division coursework in any combination from ACT, DAT, MAT and STP subjects.	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Students may not apply ACT 491, MAT 411, or MAT 485 toward the minor unless approved by an academic advisor in the School of Mathematical and Statistical Sciences prior to registration.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science; BS in statistics; BS in data science; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Mathematics is foundational and can be applied to many different types of careers. Math is a crucial part of engineering, life sciences, business, physics, economics and social sciences. A mathematics minor can be tailored to enhance a variety of top careers, including:

- computer scientist
- engineer
- financial analyst
- operations research analyst
- statistician
- teacher

The critical thinking skills developed while pursuing a minor in mathematics can help students improve their performance on law school or medical school entrance exams.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Media Analysis Minor (CSCMOMINA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix, Online

Description: The mass media play vital roles in how information is created and disseminated, and in how societies and cultures evolve.

In the media analysis minor program, students gain an understanding of these roles that media plays, how they are changing, and what impact they make. Students acquire the tools they need to critically evaluate, analyze and interpret media messages to become wise consumers of media and stronger communicators in their major fields.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in media analysis consists of 18 credit hours of coursework: nine credits of MCO core courses and nine credits of electives. To pursue the minor in media		

Requirement	Minimum Grade	Credit Hours
analysis, students must maintain a minimum 2.00 cumulative GPA, and obtain a minimum grade of "C" (2.00 on a 4.00 scale) in each course in the minor.		
MCO 120 Media and Society (HUAD)	C	3
MCO 240 Media Issues in American Pop Culture	C	3
MCO 418 History of Mass Communication (SOBE)	C	3
Upper Division Media Analysis Electives	C	9
COM 324 Rhetoric and Media Criticism		
COM 424 Television Studies and Criticism		
COM 427 Crime and Media		
COM 457 New Media		
MCO 302 Media Research Methods		
MCO 307 The Digital Audience		
MCO 335 Social Media Foundations		
MCO 366 Mass Communication Ethics		
MCO 375 Podcasting		
MCO 394 Topic: American Futures and Media		
MCO 394 Topic: Interview and Inquiry		
MCO 403 Media Law		
MCO 423 Media Project Management		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 427 Misinformation and Society		
MCO 428 Digital Media and Freedom of Expression in the 21st Century		
MCO 430 International Mass Communication (GCSI)		

Requirement	Minimum Grade	Credit Hours
MCO 431 Media Entrepreneurship		
MCO 433 Social Media Campaigns, Engagement and Research		
MCO 434 Search Engine Research and Strategy		
MCO 438 Digital Audience Analysis		
MCO 450 Visual Communication (HUAD)		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MCO 465 Sports and Media		
MCO 470 Exploring the Business of Journalism		
MCO 473 Sex, Love, and Romance in the Mass Media		
MCO 494 Special Topics		
MCO 494 Topic: Advanced Media Entrepreneurship		
MCO 494 Topic: Data in Sports		
MCO 494 Topic: Media Products, Sales and Solutions		
MCO 494 Topic: The Evolution of TV		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in journalism and mass communication; BA in sports journalism and mass communication; BA in mass communication and media studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for

the minor may not count toward both the major and the minor. Students should contact their academic advisor or the Cronkite advising department (https://cronkite.asu.edu/students/advising/undergraduate/) for more information.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A minor can help students develop marketable communication skills, boosting their career options across their major field and advancing their understanding of how mass media functions. Graduates with a media analysis minor may pursue roles in communications, engagement and strategy in their chosen fields; media-facing roles in journalism and fact-checking; and other career opportunities in economics, finance and political organizations.

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
cronkiteadvising@asu.edu
602-496-5055

Media Arts and Sciences Minor (HIDGCMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: With the media arts and sciences minor, students enhance their program of study through integrated, interdisciplinary training in creative processes and technical skills in new media with cultural applications.

Students develop both the technical skills to create computational media and the cultural skills to know when or why to apply them. Students learn to create computational media (computation combined with objects, sound, video, time, space, culture and bodies); breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in the ways that people experience computational media --- a critical skill in this dynamic century.

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. Students are prepared to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that is increasingly shaped by new technologies.

Curriculum

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 112 Computational Thinking for Media Arts (QTRS) **or** AME 230 Programming for the Media Arts (QTRS)	C	3
AME Elective **or** **MDC Elective**	C	3

Requirement			Minimum Grade	Credit Hours
Upper Division **AME Elective**	**or**	Upper Division **MDC Elective**	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: All media arts and sciences majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Media arts and sciences graduates have learned techniques that can transform society, and they communicate using contemporary computational media, a vital power in the world. These skills, along with specialized knowledge and judgment, complement their major program of study and help them become more marketable to employers.

Graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts. They can also find opportunities in all areas in which culture is shaped by technology and computational media, including mobile app design, audio production, autonomous systems and more.

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9432

Media Content Creation Minor (CSMCCMIN)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix, Online

Description: Engaging media content captures audiences' attention, connects communities to important information, and converts users into brand enthusiasts and loyal customers. In the minor program in media content creation, students learn to create high-quality content that gets seen and shared, connecting any idea to mass audiences.

Students in this minor pursue coursework across a variety of media skills and techniques, including:

• immersive media
• media project management
• podcasting and audio production

• static and motion graphic design
• studio production
• videography and photography
• writing and editing

Curriculum

Requirement	Minimum Grade	Credit Hours
Students must complete 15 credit hours (of which at least nine must be upper division) from the list below with a grade of "C" or better in each course.		
Media Content Electives	C	6
AME 210 Media Editing		
AME 434 Machine Learning for Media Arts		
FMP 255 Media Authorship (QTRS)		
JMC 120 Studio Production		
JMC 305 Multimedia Journalism		
JMC 414 Digital Graphic Design		
JMC 448 Non-Narrative Video Storytelling		
JMC 483 Los Angeles Content Creation Studio		
JMC 494 Topic: Innovation & Entrepreneurship Individual Projects		
MCO 101 Everyday Grammar		
MCO 102 Fundamentals of Coding		
MCO 120 Media and Society (HUAD)		
MCO 294 Topic: Vocal Delivery and Presence		
MCO 307 The Digital Audience		
MCO 375 Podcasting		
MCO 394 Topic: Interview and Inquiry		
MCO 394 Topic: Photography for Mass Media		
MCO 394 Topic: Videography for Mass Media		

Requirement	Minimum Grade	Credit Hours
MCO 423 Media Project Management		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 431 Media Entrepreneurship		
MCO 494 Topic: Advanced Media Entrepreneurship		

Upper Division Media Content Electives

AME 434 Machine Learning for Media Arts		
JMC 305 Multimedia Journalism		
JMC 414 Digital Graphic Design		
JMC 448 Non-Narrative Video Storytelling		
JMC 483 Los Angeles Content Creation Studio		
JMC 494 Topic: Innovation & Entrepreneurship Individual Projects		
MCO 307 The Digital Audience		
MCO 375 Podcasting	C	9
MCO 394 Topic: Interview and Inquiry		
MCO 394 Topic: Photography for Mass Media		
MCO 394 Topic: Videography for Mass Media		
MCO 423 Media Project Management		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 431 Media Entrepreneurship		
MCO 494 Topic: Advanced Media Entrepreneurship		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.50

Incompatible Majors: BA in journalism and mass communication; BA in sports journalism

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Global opportunities

Global experience: Students may participate in media project-based study abroad experiences and minor courses delivered globally. Cronkite media creation courses have been taught in England, Rwanda, Costa Rica, Brazil and beyond. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, media content creation students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates with this minor have an expanded capacity to create compelling content for clients, agencies, teams, businesses and their personal brands, complementing their major plan of study.

Those with media content creation skills pursue a variety of professional roles, including:

brand ambassador
content creator
content strategist
podcaster
subject matter expert
thought leader
videographer

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
cronkiteadvising@asu.edu
602-496-5055

Medical Studies Minor (NHMESTMIN)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Polytechnic, West Valley

Description: The minor program in medical studies focuses on preparing students for employment in health care and clinical medicine, including in direct and indirect patient care.

Students take coursework in:

- applied medical and health care ethics
- historical aspects of medicine
- leadership and professionalism

Students have the option of enhancing the application of core concepts through completion of an internship. This minor does not replace pre-med academic preparation for those who plan to apply to medical school.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in medical studies consists of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
HCD 303 Global Health Care Systems (GCSI)	C	3
HCD 330 Health Care Systems in the U.S. (CIVI)	C	3
MED 300 Historical and Contemporary Issues in Health	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
MED 450 Leadership and Professionalism	C	3
HCD 420 Population Health Management **or** MED 484 Internship **or** PBH 422 Health Disparities and Access to Health		3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (health sciences); BS in health care administration and policy; BS in health sciences; BS in health sciences (healthy lifestyles and fitness science); BS in medical studies; BS in population health; BS in public health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Students who complete this minor acquire valuable skills in health care that can be implemented in a variety of career settings. Some career opportunities include project coordination, marketing, sales and research.

Contact information

College of Health Solutions | HLTHS 444AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHMESTMIN/undergrad/true/91465
chs@asu.edu
602-496-3300

Military Leadership Minor (LAMISMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The minor program in military leadership is designed to enhance students' learning experience by providing tools that prepare them for leadership roles in various organizations. Students complete courses that cover academic and practical skills, including:

- effective communication
- leadership ethos
- negotiation
- problem-solving
- staff motivation and empowerment
- team-building

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in military leadership requires a minimum of 18 credit hours, 12 of which must be upper division (numbered from 300 to 499). Twelve credit hours must be taken in residence at ASU. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Upper Division Army Option	C	9 - 12
The branch-specific option for Army requires 12 credit hours specific to the option and six credit hours from the Approved Electives list. Select three courses from the following four options: MIS 301 Training Management and the Warfighting Functions MIS 302 Applied Leadership in Small-Unit Operations		

Requirement	Minimum Grade	Credit Hours
MIS 401 The Army Officer		
MIS 402 Company Grade Leadership		
Choose two additional courses from the Approved Electives list. Army option students are advised to select one elective from subject codes ACO, CEL, or SSP.		

OR

Upper Division Air Force Option

The branch-specific option for Air Force requires 12 credit hours specific to the option and six credit hours from the Approved Electives list. Complete the following courses:		
AES 301 Leading People and Effective Communication I		
AES 303 Leading People and Effective Communication II		
AES 401 National Security, Leadership Responsibilities and Commissioning Preparation I		
AES 403 National Security, Leadership Responsibilities and Commissioning Preparation II		
Choose two additional courses from the Approved Electives list.		

OR

Upper Division Marine Option

The branch-specific option for Marine requires nine credit hours specific to the option and nine credit hours from the Approved Electives list. Select three courses from the following four options:		
NAV 303 Evolution of Warfare		
NAV 402 Leadership and Ethics		
NAV 403 Fundamentals of Maneuver Warfare		
NAV 499 Individualized Instruction		
Choose three additional courses from the Approved Electives list; at least one of the Approved Electives must be upper division (300- or 400- level).		

OR

Upper Division Navy Option

Requirement	Minimum Grade	Credit Hours
The branch-specific option for Navy requires 12 credit hours specific to the option and six credit hours from the Approved Electives list. Select four courses from the following five options:		
NAV 301 Naval Ship Systems I		
NAV 302 Naval Ship Systems: Weapons		
NAV 401 Naval Operations and Seamanship		
NAV 402 Leadership and Ethics		
NAV 499 Individualized Instruction		
Choose two additional courses from the Approved Electives list.		
OR **Upper Division Non-ROTC Option**		
The non-ROTC option requires nine credit hours specific to the option and nine credit hours from the Approved Electives list. Select three courses from the following options:		
AES 301 Leading People and Effective Communication I		
AES 303 Leading People and Effective Communication II		
AES 401 National Security, Leadership Responsibilities and Commissioning Preparation I		
AES 403 National Security, Leadership Responsibilities and Commissioning Preparation II		
NAV 301 Naval Ship Systems I		
NAV 302 Naval Ship Systems: Weapons		
NAV 303 Evolution of Warfare		
NAV 401 Naval Operations and Seamanship		
NAV 402 Leadership and Ethics		
NAV 403 Fundamentals of Maneuver Warfare		
Choose three additional courses from the Approved Electives list; at least one		

Requirement	Minimum Grade	Credit Hours
of the Approved Electives must be upper division (300- or 400- level).		

Students choose the option befitting their chosen branch of the military. An option is also provided for non-ROTC students wishing to benefit from the skills and knowledge developed in the minor.

Approved Electives	C	9 - 6

Courses can only satisfy one requirement. No course used toward the branch-specific courses or the core courses for the non-ROTC option can be repeated as an elective.

Marine and Non-ROTC students must take at least three credit hours of upper-division approved electives.

ACO 401 Managing Cyber Risks in Enterprise Business Processes

ACO 482 Design Thinking for National Security

AES 101 Department of the Air Force Professionalism

AES 103 Competition and Security

AES 201 Team and Leadership Fundamentals I

AES 203 Team and Leadership Fundamentals II

CEL 394 Topic: Civil-Military Relations in America

CEL 394 Topic: US National Security Issues

CEL 475 Statesmanship and American Grand Strategy (HUAD)

CEL 494 Topic: Just War

CEL 494 Topic: The American Founding

FAS 101 Personal Growth and Relationships (SOBE)

FAS 331 Modern Family Relationships (SOBE)

HST 372 Modern Middle East (GCSI)

HST 408 Civil War and Reconstruction (HUAD)

HST 456 The Vietnam War (HUAD)

Requirement	Minimum Grade	Credit Hours
MIS 101 Introduction to the United States Army		
MIS 102 Foundation of Agile and Adaptive Leadership		
MIS 201 Army Leadership and Decision Making		
MIS 202 Army Doctrine and Team Development		
MIS 499 Individualized Instruction		
NAV 101 Introduction to Naval Science		
NAV 102 Sea Power and Maritime Affairs		
NAV 202 Navigation		
NAV 294 Topic: Naval Leadership and Management		
NAV 499 Individualized Instruction		
REL 100 Religions of the World (HUAD)		
REL 366 Islam in the Modern World (GCSI)		
SSP 494 Topic: Strength & Conditioning for the Tactical Performer		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Additional electives may be used with the prior approval of the department chair.

Enrollment requirements

GPA Requirement: None

Other Enrollment Requirements: None

Students in the Bachelor of Arts programs in history or religious studies may not use HST or REL courses to meet the elective requirement for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates of the minor program in military leadership have knowledge of the military as a profession and its purpose and capabilities in support of national defense. Graduates with this minor have enhanced problem-solving abilities and critical and creative thinking skills. This program assists graduates who are pursuing careers in support of the Department of Defense.

Contact information

Department of Military Science | SS 330
https://thecollege.asu.edu/degree/minor/military-leadership-minor
ArmyROTC@asu.edu
480-965-0782

Music Minor (FAMUSMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Description: The music minor program is designed for students who are interested in a broad introduction to the study of music. The program allows for diverse exposure to music practices --- traditional through contemporary --- with numerous course options based on students' interests.

Curriculum

Requirement	Minimum Grade	Credit Hours
The School of Music offers a minor in music consisting of 24 credit hours of coursework, including a minimum of 12 upper-division credit hours. A minimum grade of "C" (2.00) is required in all courses.		
MHL 201 Media Literacy for Musicians (QTRS)	C	3
MUS 100 Fundamentals of Music Notation	C	3
MUS 131 Bach to Bebop (HUAD) **or** MUS 355 American Music (HUAD)	C	3
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)	C	3
Music History Courses	C	6
MUS 131 Bach to Bebop (HUAD) **or** MUS 355 American Music (HUAD)		
MUS 131 or MUS 355 not used to satisfy required courses may be used to satisfy the Music History requirement.		
MUS 347 Jazz in America (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		

Requirement	Minimum Grade	Credit Hours
MUS 410 History of Women in Music (HUAD)		
Upper Division Music Electives		
MUS 354 Topic: Beatles		
MUS 354 Topic: Classic Rock: 1950-1975		
MUS 354 Topic: Country Music		
MUS 354 Topic: Elvis	C	6
MUS 354 Topic: Jazz Giants		
MUS 354 Topic: Rock Since 1975		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
Upper Division MUS Elective		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: All music majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in music have additional knowledge that can help them as they pursue careers in arts administration, teaching, fundraising management or marketing.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
herbergeradvising@asu.edu
480-965-5069

Music Performance Minor (HIMUSPMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The minor program in music performance enables students to elevate their musical abilities while pursuing a major that excites and inspires them. The program offers individualized instruction and ensemble experience, designed to enhance students' performance skills.

Curriculum

Requirement	Minimum Grade	Credit Hours
MUP 121 Studio Instruction		2
MUP 321 Studio Instruction		1
MUS 100 Fundamentals of Music Notation **or** MTC 125 Music Theory I		3
MUS 131 Bach to Bebop (HUAD) **or** MUS 355 American Music (HUAD)		3
Upper Division Ensemble Related to Primary Instrument		3
MUP 442 Topic: Orchestra Strings		
MUP 442 Topic: Philharmonia		
MUP 442 Topic: Wind Ensemble		
MUP 443 Choral Ensembles		
MUP 444 Maroon and Gold Concert Band		
MUP 450 Choral Union		
MUP 455 Canticum Bassum		
MUP 457 Sol Singers		

Requirement	Minimum Grade	Credit Hours
MUP 458 ASU Gospel Choir		
MUP 459 Barrett Choir		
MUP 486 Topic: Concert Jazz Band		
MUP 486 Topic: Jazz Repertory Band		
MUP 486 Topic: Latin Jazz Ensemble		
Upper Division Ensemble (May be unrelated to primary instrument)		
MUP 441 Popular Music Ensemble		
MUP 485 Topic: Jazz		
MUP 485 Percussion Ensemble		
MUP 485 Topic: African Diasporic Ensemble		
MUP 489 Ethnomusicology Ensembles		1
MUP 489 Topic: Gamelan		
MUP 489 Topic: Hip Hop Ensemble		
MUP 489 Topic: Latin Marimba		
MUP 489 Topic: Mariachi		
MUP 489 Topic: World Percussion Ensemble		
Upper Division Music History		6
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)		
MUS 347 Jazz in America (HUAD)		
MUS 354 Popular Music		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		

Requirement	Minimum Grade	Credit Hours
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 410 History of Women in Music (HUAD)		
Upper Division MHL Elective		
Upper Division Music Elective		
MHL Elective MSC Elective MTC Elective MUE Elective MUP Elective MUS Elective		2

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: All music majors

Other Enrollment Requirements: Students must successfully complete an audition before the faculty in the applicable instrument area for entrance into the program. Audition criteria and specific audition requirements (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) are determined by area faculty and are similar to the MUP 111 and MUP 311 enrollment criteria for each instrument. Students interested in pursuing the performance minor should submit an application (https://musicdancetheatre.asu.edu/undergraduate-certificates/majorinfo/HIMUSPMIN/undergrad/true/20) (at the bottom of the page).

Advisors should not add the minor until the student presents a letter from the School of Music, Dance and Theatre Office of Academic Affairs to confirm that the student has successfully passed the audition.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs empower students to build complementary competencies, enhancing the marketable knowledge and skills gained through their majors.

Graduates with a minor in music performance gain valuable experience that can support careers in arts administration, teaching, business and beyond, giving them a competitive edge in a wide range of fields.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
mdtadmissions@asu.edu
480-965-5069

Music Theatre Minor (HIMUTHRMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The minor program in music theatre allows students with a background, interest or passion in music theatre to continue their studies and further explore the craft.

Students develop skills through performance-based, small-group classes and private instruction. Coursework also includes the study of theoretical and historical elements of music and theatre.

Curriculum

Requirement	Minimum Grade	Credit Hours
MUP 121 Topic: Voice	C	2
MUP 170 Music Theatre I	C	2
MUP 172 Music Theatre II	C	2
MUP 374 Topic: Technical Production I (Foundations)	C	1
MUP 374 Topic: Technical Production II (Practicum)	C	1
MUP 451 Topic: Music Theatre Repertoire	C	2
MUP 467 Music Theatre Dance Technique	C	2
MTC 125 Music Theory I Students must take the music theory diagnostic exam before enrolling in MTC 125.	C	3
Upper Division Music History	C	3
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)		
MUS 347 Jazz in America (HUAD)		

Requirement	Minimum Grade	Credit Hours
MUS 354 Topic: Classic Rock: 1950-1975		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 410 History of Women in Music (HUAD)		
Music Elective		
MUP 270 Music Theatre III		
MUP 272 Music Theatre IV		
MUP 321 Topic: Voice		
MUP 360 Musicianship for Singers		
MUP 373 Music Theatre Performance and Production		
MUP 471 Topic: Audition Training (Musical Theatre)		
MUS 131 Bach to Bebop (HUAD)		
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)	C	3
MUS 347 Jazz in America (HUAD)		
MUS 354 Topic: Classic Rock: 1950-1975		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 410 History of Women in Music (HUAD)		
THE 422 Latinx Theatre and Film (HUAD)		
Upper Division Music Elective	C	3

Requirement	Minimum Grade	Credit Hours
MUP 321 Topic: Voice		
MUP 360 Musicianship for Singers		
MUP 373 Music Theatre Performance and Production		
MUP 471 Topic: Audition Training (Musical Theatre)		
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)		
MUS 347 Jazz in America (HUAD)		
MUS 354 Topic: Classic Rock: 1950-1975		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 410 History of Women in Music (HUAD)		
THE 422 Latinx Theatre and Film (HUAD)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

MHL courses may be accepted as Music History if the appropriate prerequisites are met or with instructor approval.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BMus in performance (music theatre)

Other Enrollment Requirements: An audition for music theatre is required for entrance into the minor or BIS concentration and MUP 121 and MUP 170 study. Audition criteria are determined by area faculty.

Audition repertoires can be found on this School of Music, Dance and Theatre (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) website. Students interested in pursuing the music theatre minor should submit an application (https://musicdancetheatre.asu.edu/undergraduate-certificates/majorinfo/HIMUTHRMIN/undergrad/true/20) (at the bottom of the page).

Advisors should not add the minor until the student presents an acceptance letter from the School of Music, Dance and

Theatre academic affairs office confirming that the student has successfully passed the audition.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in music theatre have additional expertise that can help them as they pursue careers in arts administration, acting, performance or teaching.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
mdtadmissions@asu.edu
480-965-5069

Neuroscience Minor (LABMENMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in neuroscience offers an interdisciplinary exploration of the brain and nervous system, combining the fields of biology and psychology. Students can take courses in behavioral neuroscience, cellular and molecular neuroscience, cognitive neuroscience and systems neuroscience.

Curriculum

Requirement	Minimum Grade	Credit Hours
This minor consists of completing 18 credit hours of coursework in neuroscience. Twelve credit hours must be completed at the upper-division level, of which at least six credit hours must be completed in courses offered by The College of Liberal Arts and Sciences. All courses for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Courses		
NEU 101 Introduction to Neuroscience	C	3
NEU 290 Data Science for Neuroscience Majors (QTRS)	C	3
Minor Electives		
Upper Division Minor Electives	C	12
BIO 327 Evolution of Human Behavior		

Requirement	Minimum Grade	Credit Hours
BIO 331 Animal Behavior		
BIO 355 Introduction to Computational Molecular Biology		
BIO 360 Animal Physiology		
BIO 435 Research Techniques in Animal Behavior		
BIO 436 Sociobiology and Behavioral Ecology		
BIO 439 Computing for Research		
BIO 465 Neurophysiology		
BIO 467 Neurobiology		
BIO 494 Topic: Data Analysis in Neuroscience		
BIO 494 Topic: Genetics and Genomics of Behavior		
BIO 494 Topic: Neurobiology of Attachment		
BIO 498 Topic: Neural Development		
BIO 498 Topic: Neurodegenerative Disorders of the Aging Brain		
KIN 424 Neural Aspects of Movement and Rehabilitation		
MAT 451 Mathematical Modeling		
MAT 494 Topic: Mathematical Neuroscience		
Upper Division NEU Elective		
The following courses are excluded from the neuroscience minor: NEU 394 Topic: Neuroscience Undergraduate Teaching Assistant; NEU 484; NEU 492; NEU 493; NEU 499.		
SHS 310 Anatomical and Physiological Bases of Speech		
SHS 311 Hearing Science		
SHS 367 Language Science (SOBE)		
SHS 485 Acquired Speech and Language Disorders		

Requirement	Minimum Grade	Credit Hours
SHS 494 Topic: Health Neuroscience		
The following courses are additional elective options for Biomedical Engineering majors:		
BME 316 Biomechanics for Biomedical Engineers		
BME 350 Signals and Systems for Bioengineers		
BME 360 Control in Biological Systems		
BME 416 Advanced Biomechanics		
BME 465 Magnetic Resonance Imaging		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in neuroscience

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor program in neuroscience supports students who are interested in pursuing careers in research, health care, biotechnology and more.

Contact information

Department of Psychology | PSY 202
https://psychology.asu.edu/

psych.advisor@asu.edu
480-965-7258

Nonprofit Leadership and Management Minor (PPNLMMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The minor program in nonprofit leadership and management empowers students to positively impact the community in which they work. The nonprofit sector in the U.S. is unique in form and function, with more than 1.6 million organizations.

This program introduces students to the knowledge and skills required for successful professional careers with nonprofit social sector organizations that exist to improve the quality of life of communities.

Students from various disciplines such as business, communication, education, global studies, museum studies, nursing, public affairs, religious studies, social work and sustainability find this program a beneficial supplement to their existing program as many find that the career pathways from their degree occur within nonprofit organization forms.

This program affords students the opportunity to earn the national Certified Nonprofit Professional credential awarded through the Nonprofit Leadership Alliance. https://nla1.org/cnp-professionals/ (https://nla1.org/cnp-professionals/)

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 18 credit hours: a three-credit required core course and 15 credit hours of elective courses.		
Required Course		
NLM 220 Introduction to Nonprofit Organizations	C	3
Elective Courses		
Choose five electives; at least nine credit hours must be upper division.		
Electives	C	6
NLM 160 Voluntary Action and Community Leadership (CIVI)		
NLM 300 Fund Raising and Resource Development		
NLM 310 Volunteer Management (CIVI)		
NLM 320 Professional Development Seminar		
NLM 380 Financial Management for Nonprofit Organizations		
NLM 420 Nonprofit Leadership Alliance Institute		

Requirement	Minimum Grade	Credit Hours
NLM 430 Managing Nonprofit Organizations		
NLM 435 Service Learning for Community Development		
NLM 440 Nonprofit Professional Certification		
NLM 451 Grant Writing		
NLM 484 Internship		
PRM 145 Special Events Management		

Upper Division Electives

NLM 300 Fund Raising and Resource Development		
NLM 310 Volunteer Management (CIVI)		
NLM 320 Professional Development Seminar		
NLM 380 Financial Management for Nonprofit Organizations		
NLM 420 Nonprofit Leadership Alliance Institute	C	9
NLM 430 Managing Nonprofit Organizations		
NLM 435 Service Learning for Community Development		
NLM 440 Nonprofit Professional Certification		
NLM 451 Grant Writing		
NLM 484 Internship		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Standards Required

Minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor.

15 credit hours of graded classroom coursework (no internship, no independent

study).

Students should be a junior to take 400-level classes.

No double counting of courses for both a major and the minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in nonprofit leadership and management, including the American Indian studies concentration

Students pursuing the nonprofit leadership and management bachelor's degree may earn the Certified Nonprofit Professional credential along with their major upon successfully completing both curricular and cocurricular requirements. (Students should see an advisor for details.)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates with a nonprofit leadership and management minor find opportunities in diverse settings involving a wide range of missions, including arts and culture, environmental, health and youth development. Some graduates find employment with local grassroots direct-service nonprofits, while others find work with grant-making foundations.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Nutrition and Healthy Living Minor (NUNHLMIN)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The nutrition and healthy living minor program provides students with a greater understanding of how nutrition contributes to healthy lifestyles and disease prevention.

Students have the opportunity to select classes in areas such as:

• body image and wellness
• counseling and communication in different mediums
• eating for lifelong health
• the history and cultural aspects of food
• nutrition in the community
• sports nutrition

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in nutrition and healthy living consists of 18 credit hours, of which at least 15 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
Some courses in this minor require CHM 101 or CHM 113 as a prerequisite. Students are encouraged to ensure all prerequisites are met when planning this minor.		
HSC 355 Eating for Lifelong Health (SOBE) **or** NTR 450 Nutrition in the Life Cycle (SOBE)	C	3
NTR 100 Introduction to Nutrition Science **or** NTR 241 Human Nutrition	C	3
NTR 345 Development of Healthy Cuisines	C	3
Upper Division Electives		
HEP 380 Body Image and Wellness		9
HSC 310 Health Communication		
NTR 320 History of Human Nutrition (HUAD)		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 350 Nutrition Counseling		
NTR 353 The Western Diet		
NTR 360 Nutrition Entrepreneurship		
NTR 390 Current Nutrition Research		
NTR 448 Community Nutrition		
NTR 453 Nutrition and the Media		
NTR 457 Sports Nutrition		
NTR 480 Integrative and Functional Nutrition		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (applied nutrition and health); BS in applied nutrition and health; BS in dietetics; BS in health sciences (healthy lifestyles and fitness science); BS in nutritional science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates of the minor in nutrition and healthy living have a basic understanding of nutrition needs through the life cycle and how to put that knowledge to use in the community, which is of particular benefit to those pursuing careers in public health, the medical field or workplace wellness.

Many graduates obtain positions with responsibilities that include:

- conducting academic research
- developing and preparing recipes that meet nutritional guidelines
- informing the community about food through social media and web platforms
- providing people of all ages with general nutrition information

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NUNHLMIN/undergrad/true/91465
chs@asu.edu
602-496-3300

Organizational Leadership Minor (LSORGLMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Description: The minor program in organizational leadership prepares students for executive roles in a variety of environments. Students develop skills and knowledge that leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in organizational leadership requires 18 credit hours, including a minimum of 12 upper-division credit hours.		
Required Courses		

Requirement	Minimum Grade	Credit Hours
OGL 200 Introduction to Organizational Leadership (CIVI)	C	3
OGL 340 Organizational Skills This course is taken two times with two separate topics.	C	6
Electives Choose three courses, including a minimum of six upper-division credit hours.		

Electives

OGL 220 Behavioral Dynamics in Organizations (SOBE)	
OGL 260 Resource Allocation in Organizations (SUST)	
OGL 300 Theory and Practice of Leadership	
OGL 340 Organizational Skills	
OGL 343 Social Processes in Organizations (SOBE)	
OGL 345 Organizational Ethics (HUAD)	
OGL 350 Diversity and Organizations (GCSI)	
OGL 355 Leading Organizational Innovation and Change	
OGL 357 Assessment in Organizations	3
OGL 360 Assessment of Leadership Effectiveness	
OGL 365 Organizational Contexts	
OGL 484 Internship	
Note: no more than 3 credit hours of internship may be applied to this minor.	
PMG 240 Introduction to Project Management	
PMG 321 Project Leadership, Strategy and Scope	
Any topic can be utilized within the OGL 340 and OGL 365 courses. Students may enroll in up to 15 credit hours of OGL 340 or OGL 365 topics courses to meet the requirements of the minor. Topics cannot be repeated.	

Requirement	Minimum Grade	Credit Hours
Upper Division Electives		
OGL 300 Theory and Practice of Leadership OGL 340 Organizational Skills OGL 343 Social Processes in Organizations (SOBE) OGL 345 Organizational Ethics (HUAD) OGL 350 Diversity and Organizations (GCSI) OGL 355 Leading Organizational Innovation and Change OGL 357 Assessment in Organizations OGL 360 Assessment of Leadership Effectiveness OGL 365 Organizational Contexts OGL 484 Internship Note: no more than 3 credit hours of internship may be applied to this minor. PMG 321 Project Leadership, Strategy and Scope Any topic can be utilized within the OGL 340 and OGL 365 courses. Students may enroll in up to 15 credit hours of OGL 340 or OGL 365 topics courses to meet the requirements of the minor. Topics cannot be repeated.		6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (applied leadership); BA in organizational leadership; BA in organizational leadership (project management); BA in organizational leadership (veterans, society and service); BAS in applied science (project management); BS in project management.

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may

be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The communication and cultural competency skills that graduates have acquired through the minor program in organizational leadership help them as they pursue careers in organizational behavior, organizational leadership, management and others.

Graduates of the program are prepared for a variety of positions in government, health care administration, nonprofit agencies and the service industry.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/
CISA@asu.edu
480-965-4464

Parks and Protected Area Management Minor (PPPRMMINT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: As the world continues to develop and urbanize, the demands and pressures on public lands and natural resources continue to grow. The minor program in parks and protected area management introduces students to the role of these community resources with a focus on the unique issues faced by urban-proximate natural areas.

Understanding how to balance growing societies with natural resources is key to a sustainable future.

Curriculum

Requirement	Minimum Grade	Credit Hours
Completion of the minor in parks and protected area management consists of 12 credits of required coursework and three credits of electives.		
Required Courses		
PRM 120 Leisure and the Quality of Life (SOBE)	C	3
PRM 370 Public Lands Management	C	3
PRM 380 Wilderness and Parks in America (SUST)	C	3

Requirement	Minimum Grade	Credit Hours
TDM 480 Sustainable Tourism	C	3
Elective Course		

Upper Division Electives

CRD 301 Sustainable Communities (SUST)		
ENV 415 Field Techniques in Natural Resource Management		
PRM 340 Outdoor Survival	C	3
PRM 360 Environmental and Cultural Interpretation		
TDM 448 Heritage and Cultural Tourism		

PRM 360 is offered during fall semester only.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Standards

15 hours of graded classroom coursework (no internship, no independent study).

12 hours of coursework at the upper-division level, from the approved list.

Minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor.

No double counting of courses for a major and the minor.

Should be a junior to take 400-level courses.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management (all concentrations); BS in recreation therapy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in parks and protected area management can find opportunities in diverse settings involving a wide range of organizations, including recreation, environmental and youth development.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Personal Health Minor (NHPHLMIN)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

Description: The personal health minor program enables students pursuing non-health degrees, or anyone interested in improving their health, to explore the attainment and retention of high-quality personal and emotional health.

The program reflects the transdisciplinary nature of personal health by including courses from the fields of nutrition, exercise science, health sciences and health promotion.

Students gain the knowledge and skills necessary to optimize their personal health and assume increased responsibility to move toward improved overall wellness.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in personal health consists of 18 credit hours, of which at least 9 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
EXW 325 Fitness for Life	C	3
HEP 380 Body Image and Wellness	C	3
HSC 355 Eating for Lifelong Health (SOBE) **or** NTR 450 Nutrition in the Life Cycle (SOBE)	C	3
NTR 100 Introduction to Nutrition Science **or** NTR 241 Human Nutrition	C	3
Electives	C	6
EXW 302 Fundamentals of Wellness		
EXW 335 Physical Activity and Physiological Concepts		
EXW 400 Stress Management for Wellness		

Requirement	Minimum Grade	Credit Hours
EXW 438 Obesity, Exercise and Health		
HEP 350 Substance Use and Addictive Behaviors		
HEP 361 Digital Health Communication and Education		
HEP 443 Emotional Health and Interpersonal Relationships		
NTR 345 Development of Healthy Cuisines		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 453 Nutrition and the Media		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (applied nutrition and health); BS in clinical exercise science; BS in health education and health promotion; BS in health sciences (healthy lifestyles and fitness science)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates of the minor program in personal health have skills in many areas, enhancing the marketable skills they acquire in their major program. Graduates can pursue careers in workplace wellness, the medical field or public health, among many other career options, though most career areas do require more training than a minor alone can provide.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHPHLMIN/undergrad/true/91465

chs@asu.edu
602-496-3300

Pharmacology and Toxicology Minor (ASPTXMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: In the minor program in pharmacology and toxicology, students take biology and chemistry courses that help prepare them to explore how chemicals (drugs and environmental toxicants) affect living organisms.

Students learn to identify chemical characteristics that lead to beneficial and adverse effects, describe how chemicals are evaluated for regulatory purposes, and summarize holistically how drugs and toxicants elicit their effects.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in pharmacology and toxicology consists of 15 credit hours of coursework, of which a minimum of nine hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
PTX 301 Basics of Pharmacology and Toxicology	C	3
PTX 432 Fundamentals of Pharmacology **or** LSC 432 Fundamentals of Pharmacology **OR** PTX 475 Principles of Toxicology **or** LSC 475 Principles of Toxicology	C	3
Pharmacology and Toxicology Electives	C	6
BCH 361 Advanced Principles of Biochemistry **or** BCH 371 Modern Concepts in Biochemistry		
CHM 233 General Organic Chemistry I		
CHM 234 General Organic Chemistry II		
COM 415 Risk Communication (SOBE)		
PTX 325 / PSY 325 Physiological Psychology		
PTX 388 STEM Research Fundamentals		
ENV 430 / LSC 430 / PTX 430 Environmental and Human Toxicology		
PTX 432 / LSC 432 Fundamentals of Pharmacology		

Requirement			Minimum Grade	Credit Hours
PTX 450 Pharmacology and Toxicology Laboratory				
PTX 475 / LSC 475 Principles of Toxicology				
PTX 499 Individualized Instruction				

Upper Division Pharmacology and Toxicology Electives

BCH 361 Advanced Principles of Biochemistry	**or**	BCH 371 Modern Concepts in Biochemistry		
COM 415 Risk Communication (SOBE)				
PTX 325 / PSY 325 Physiological Psychology				
PTX 388 STEM Research Fundamentals			C	3
ENV 430 / LSC 430 / PTX 430 Environmental and Human Toxicology				
PTX 432 / LSC 432 Fundamentals of Pharmacology				
PTX 450 Pharmacology and Toxicology Laboratory				
PTX 475 / LSC 475 Principles of Toxicology				
PTX 499 Individualized Instruction				

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in pharmacology and toxicology; BS in biology (pharmacology/toxicology)

Other Enrollment Requirements: The following prerequisite courses do not count toward the minor but may be needed to complete the requirements of the minor:

- BIO 181 General Biology I
- BIO 182 General Biology II
- BIO 340 General Genetics or LSC 347 Fundamentals of Genetics
- BIO 353 Cell Biology

• CHM 113 General Chemistry I
• CHM 116 General Chemistry II

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Relevant career paths include positions within the pharmaceutical industry and in regulatory fields such as environmental risk assessment, and graduate programs in public health, pharmacology, toxicology or environmental health sciences.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASPTXMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Philosophy Minor (ASPHIMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: Through the minor program in philosophy, students gain an understanding of central philosophical issues, problems and ideas; a capacity for critical thinking and analytic reasoning; and the ability to present one's positions effectively through oral and written communication.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in philosophy consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of 6 upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Philosophy Electives	C	6
IAS 340 / PHI 320 Bioethics (HUAD)		
IAS 406 / PHI 406 Moral Dilemmas		

Requirement	Minimum Grade	Credit Hours
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
IAS 410 Evolution of Ideas		
IAS 417 / PHI 417 Philosophy of Censorship (HUAD)		
IAS 430 Science and Religion (HUAD)		
IAS 450 / PHI 450 / REL 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 101 Introduction to Philosophy (HUAD)		
PHI 103 Principles of Sound Reasoning (QTRS)		
PHI 105 Intro to Ethics (HUAD)		
PHI 194 Special Topics		
PHI 215 Philosophy Goes to the Movies (HUAD)		
PHI 294 Special Topics		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 339 Philosophy of Art		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 391 / REL 391 Historical Perspectives on Philosophy and Religion		
PHI 394 Special Topics		
PHI 408 Feminist Ethics (HUAD)		
PHI 411 Continental Philosophy		
PHI 439 Philosophy of Love and Sex		

Requirement	Minimum Grade	Credit Hours
PHI 484 Internship		
PHI 494 Special Topics		
PHI 499 Individualized Instruction		
PHI Elective		
REL 484 Internship		
REL 499 Individualized Instruction		
Upper Division Philosophy Electives	C	12
IAS 340 / PHI 320 Bioethics (HUAD)		
IAS 406 / PHI 406 Moral Dilemmas		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
IAS 410 Evolution of Ideas		
IAS 417 / PHI 417 Philosophy of Censorship (HUAD)		
IAS 430 Science and Religion (HUAD)		
IAS 450 / PHI 450 / REL 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 339 Philosophy of Art		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 391 / REL 391 Historical Perspectives on Philosophy and Religion		

Requirement	Minimum Grade	Credit Hours
PHI 394 Special Topics		
PHI 408 Feminist Ethics (HUAD)		
PHI 411 Continental Philosophy		
PHI 439 Philosophy of Love and Sex		
PHI 484 Internship		
PHI 494 Special Topics		
PHI 499 Individualized Instruction		
PHI Elective		
REL 484 Internship		
REL 499 Individualized Instruction		
A maximum of six credit hours of PHI/REL 484 and/or PHI/REL 499 may be applied to the minor.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in philosophy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates who have completed the minor in philosophy have critical thinking and strong communication skills essential to success in health care, law, public service, journalism, business and education. This minor program is ideal preparation for a wide variety of careers, including:

entrepreneur
intelligence analyst

lawyer
medical professional
minister
paralegal
politician
real estate agent
teacher or professor
writer

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASPHIMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Philosophy Minor (LAPHIMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the minor program in philosophy, students gain an understanding of philosophical inquiry and method. The program offers an introduction to central themes in the history of philosophy and in the current literature. Students have the opportunity to sharpen their critical reasoning skills while addressing profound questions regarding the nature of:

• existence
• knowledge
• law
• morality
• politics
• science

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in philosophy consists of 18 credit hours, of which at least 12 must be upper division. At least six upper-division credit hours must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. Each course must be completed with a minimum grade of "C" (2.00 on a 4.00 scale) or higher.		
Students choose courses from the philosophical subdiscipline lists, with no more than two courses from any single track. Available subdisciplines are epistemology, ethics and political philosophy, history of philosophy, logic and metaphysics. Courses in the "other" list cover multiple subdisciplines and students may apply these courses within the minor without limit. Students should consult with an academic advisor in the School of Historical, Philosophical and Religious Studies about a proposed selection of courses before enrolling.		

Requirement	Minimum Grade	Credit Hours
Subdisciplinary Electives	C	6
EPISTEMOLOGY		
PHI 313 Probability, Evidence, and Decision		
PHI 314 Philosophy of Science (HUAD)		
PHI 325 Philosophy of Social Science		
PHI 330 Theory of Knowledge (HUAD)		
ETHICS AND POLITICAL PHILOSOPHY		
PHI 105 Intro to Ethics (HUAD)		
PHI 107 Introduction to Philosophy of Sex and Love		
PHI 120 Introduction to Medical and Bioethics (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 307 Philosophy of Law (AMIT)		
PHI 310 Environmental Ethics (SUST)		
PHI 320 Bioethics (HUAD)		
PHI 324 Existential Ethics		
PHI 326 Philosophy of Happiness (HUAD)		
PHI 335 History of Ethics (GCSI)		
PHI 336 Social and Political Philosophy		
PHI 337 Ethical Theory		
PHI 338 Metaethics		
PHI 347 Philosophical Theories of Constitutional Law		
PHI 350 Philosophy, Politics and Economics (SOBE)		
PHI 360 Business and Professional Ethics (HUAD)		

Requirement	Minimum Grade	Credit Hours
PHI 370 Sports Ethics (HUAD)		
PHI 405 Moral Psychology		
PHI 406 Moral Dilemmas		
PHI 408 Feminist Ethics (HUAD)		
PHI 409 Eco-Community Ethics		
HISTORY OF PHILOSOPHY		
PHI 304 Existentialism (HUAD)		
PHI 328 History of Ancient Philosophy (GCSI)		
PHI 329 History of Modern Philosophy (GCSI)		
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 403 Contemporary Analytic Philosophy		
LOGIC		
PHI 103 Principles of Sound Reasoning (QTRS)		
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		
METAPHYSICS		
PHI 318 Philosophy of Religion (HUAD)		
PHI 331 Philosophy of Language		
PHI 332 Metaphysics (HUAD)		
PHI 334 Philosophy of Mind (HUAD)		
OTHER		
PHI 101 Introduction to Philosophy (HUAD)		

Requirement	Minimum Grade	Credit Hours
PHI 311 Philosophy and Literature		
PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)		
PHI 322 History and Philosophy of Sustainability		
PHI 339 Philosophy of Art		
PHI 371 Philosophy of Sport		
PHI 390 Jewish Philosophy		
PHI 391 Historical Perspectives on Philosophy and Religion		
PHI 394 Topic: Game Thry Market & Just: Intro Phil Politics, Econ		
PHI 394 Topic: The Olympics and Philosophy		
PHI 417 Philosophy of Censorship (HUAD)		
PHI 452 Philosophy of Biology and Medicine		
Upper Division Subdisciplinary Electives	C	12
EPISTEMOLOGY		
PHI 313 Probability, Evidence, and Decision		
PHI 314 Philosophy of Science (HUAD)		
PHI 325 Philosophy of Social Science		
PHI 330 Theory of Knowledge (HUAD)		
ETHICS AND POLITICAL PHILOSOPHY		
PHI 306 Applied Ethics (CIVI)		
PHI 307 Philosophy of Law (AMIT)		
PHI 310 Environmental Ethics (SUST)		
PHI 320 Bioethics (HUAD)		
PHI 324 Existential Ethics		

Requirement	Minimum Grade	Credit Hours
PHI 326 Philosophy of Happiness (HUAD)		
PHI 335 History of Ethics (GCSI)		
PHI 336 Social and Political Philosophy		
PHI 337 Ethical Theory		
PHI 338 Metaethics		
PHI 347 Philosophical Theories of Constitutional Law		
PHI 350 Philosophy, Politics and Economics (SOBE)		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 370 Sports Ethics (HUAD)		
PHI 405 Moral Psychology		
PHI 406 Moral Dilemmas		
PHI 408 Feminist Ethics (HUAD)		
PHI 409 Eco-Community Ethics		
HISTORY OF PHILOSOPHY		
PHI 304 Existentialism (HUAD)		
PHI 328 History of Ancient Philosophy (GCSI)		
PHI 329 History of Modern Philosophy (GCSI)		
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 403 Contemporary Analytic Philosophy		
LOGIC		
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		

Requirement	Minimum Grade	Credit Hours
METAPHYSICS		
PHI 318 Philosophy of Religion (HUAD)		
PHI 331 Philosophy of Language		
PHI 332 Metaphysics (HUAD)		
PHI 334 Philosophy of Mind (HUAD)		
OTHER		
PHI 311 Philosophy and Literature		
PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)		
PHI 322 History and Philosophy of Sustainability		
PHI 339 Philosophy of Art		
PHI 371 Philosophy of Sport		
PHI 390 Jewish Philosophy		
PHI 391 Historical Perspectives on Philosophy and Religion		
PHI 394 Topic: Game Thry Market & Just: Intro Phil Politics, Econ		
PHI 394 Topic: The Olympics and Philosophy		
PHI 417 Philosophy of Censorship (HUAD)		
PHI 452 Philosophy of Biology and Medicine		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

The minor in philosophy is also available to complement the studies of ASU Online students. Certain course selections above are offered as oCourses to accommodate ASU Online students.

Not all courses for this program are available every term or available in both on-campus and online formats. Students should consult the class schedule prior to each

term to confirm course availability.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in philosophy; BA in philosophy (morality, politics and law); BA in philosophy (science, nature and mind)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in philosophy is beneficial in a wide variety of careers in fields that value analytical and reasoning skills and strong communication and writing skills. Graduates often pursue careers in business, law, politics, medicine and education.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Physics Minor (LAPHYMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: Students in the minor program in physics learn the fundamental concepts of physics beyond the introductory level. Through rigorous hands-on experience, students deepen their understanding of foundational concepts and develop their quantitative skills.

Through upper-division electives, students can tailor the minor to enhance their career or graduate school outlook.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in physics requires a minimum of 27 total credit hours, of which 12 must be upper-division. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		

Requirement	Minimum Grade	Credit Hours
Required Courses		
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT) **or** PHY 150 Physics I (SCIT)	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT) **or** PHY 151 Physics II (SCIT)	C	4
PHY 201 Mathematical Methods in Physics I (MATH)	C	3
PHY 252 Physics III (SCIT) **or** PHY 241 University Physics III **AND** PHY 202 Programming for Physicists	C	4
Elective Options		
Upper Division Option 1	C	12
PHY 333 Electronic Circuits and Measurements **or** PHY 334 Advanced Laboratory I		
PHY 361 Introductory Modern Physics		
Upper Division Select two PHY Upper Division Electives: 6 hours, C or better		
Upper Division PHY Elective		
OR **Upper Division Option 2**		
Students pursing Option 2 must complete PHY 302 and an additional nine credit hours selected from PHY 310, PHY 311, PHY 314 and PHY 315.		
Required:		
PHY 302 Mathematical Methods in Physics II		
Select three courses:		
PHY 310 Classical Particles, Fields, and Matter I		
PHY 311 Classical Particles, Fields, and Matter II		
PHY 314 Quantum Physics I		

Requirement	Minimum Grade	Credit Hours
PHY 315 Quantum Physics II		
Students choose from two options to complete the required minor electives. Consult an academic advisor in the Department of Physics to discuss these options further.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in applied physics; BS in biophysics; BA and BS in physics; BS in physics (secondary education)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in physics have additional analytical and problem-solving skills that benefit them as they pursue careers in technical fields.

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/
physics.undergrad@asu.edu
480-965-3561

Physics Minor (LSPHYMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: In the minor program in physics, students acquire the knowledge and skills to understand and apply the fundamental laws of nature to solve complex, current problems. This minor is an ideal complement for students pursuing majors in diverse disciplines; those preparing for advanced graduate studies; or individuals looking to

broaden their career opportunities in science, engineering and technology.

The program is delivered by dedicated faculty who are experts in areas such as physical system modeling, materials science, advanced numerical techniques, and fundamental physics. Through a combination of rigorous coursework and hands-on, project-based research, students gain practical experience that connects theoretical concepts with actual applications.

The program's emphasis on interdisciplinary learning and practical skills makes it an invaluable addition to any academic portfolio, equipping students with a competitive edge in the job market and positioning them for success in a wide variety of professional and academic pursuits. Additionally, with the expansion of high-tech companies in the Phoenix area, students have valuable opportunities to connect with industry leaders and advance career prospects even before they graduate.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in physics requires 23 credit hours, including a minimum of 12 upper-division credit hours. A minimum of nine upper-division credit hours must be taken in courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.		
Required Courses		
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1
PHY 314 Quantum Physics I	C	3
PHY 321 Vector Mechanics and Vibration	C	3
PHY 499 Individualized Instruction	C	3
Electives		

Electives

PHY 201 Mathematical Methods in Physics I (MATH)		
PHY 302 Mathematical Methods in Physics II	C	3
PHY 331 Principles of Modern Electromagnetism		
PHY 361 Introductory Modern Physics		

Requirement	Minimum Grade	Credit Hours
Upper Division Electives		
PHY 302 Mathematical Methods in Physics II PHY 331 Principles of Modern Electromagnetism PHY 361 Introductory Modern Physics	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00 or higher

Incompatible Majors: BA or BS in physics

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in physics have expanded analytical skills that serve them well as they pursue careers in engineering, postsecondary education or mechanical design.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Political Science Minor (ASPOLMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in political science helps students gain an understanding of theory, practice and policy that underlie local, national and international political processes. Students learn the research skills necessary for the analysis of complex local and global sociopolitical issues.

Students engage in a flexible program of learner-centered coursework in political theory, American political institutions, and international relations and world affairs. The curriculum focuses on international, urban, racial or ethnic

sociopolitical areas, and internships and service-learning or action research opportunities. Under the direction of faculty, students focus on intellectual and concrete policy issues in the greater metropolitan Phoenix area, Arizona, the Arizona-Mexico borderlands, the Americas and the world.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in political science consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Introductory Political Science Courses		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT) POS 150 Comparative Government (GCSI) **or** POS 350 Comparative Politics (GCSI) POS 160 Global Politics (GCSI) **or** POS 360 World Politics (GCSI) POS 210 Political Ideologies (CIVI)	C	6
SBS 302 Qualitative Methods (SOBE) **or** SBS 303 Quantitative Methods (QTRS) **or** SBS 304 Social Statistics I (QTRS)	C	3
Upper Division Social Justice and Inequality	C	3
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements ETH 380 / WST 380 Race, Gender, and Class (SOBE) HST 441 / LAS 441 Latin America and the World Economy JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI) POS 342 Political Theory POS 446 Democracy (CIVI) POS 480 / SBS 480 Global Justice (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 494 Topic: Everyday Forms of Political Resistance		
SBS 301 Cultural Diversity (SOBE)		
SOC 331 Environmental Sociology (SUST)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
Upper Division Law, Citizenship, and Borders		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
POS 310 American National Government (AMIT)		
POS 360 World Politics (GCSI)	C	3
POS 361 American Foreign Policy (SOBE)		
POS 446 Democracy (CIVI)		
POS 465 International Organization and Law (GCSI)		
POS 480 / SBS 480 Global Justice (GCSI)		
Upper Division Identity and Place	C	3
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 473 / LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
HST 376 / LAS 376 Modern Latin America		
POS 350 Comparative Politics (GCSI)		
POS 357 South Asia Politics		
POS 361 American Foreign Policy (SOBE)		

Requirement	Minimum Grade	Credit Hours
POS 437 / SOC 437 Women, Power, and Politics		
WST 428 Gender, Madness and Justice (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA or BS in political science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

The program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal government. This minor is recognized as a qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government, or local community groups on both sides of the border.

Many use the program as a gateway to law school or as a basis for graduate work in professional schools or in applied fields such as:

community development
political science
public administration
public policy
social science disciplines
urban affairs and urban and regional planning

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASPOLMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Political Science Minor (LAPOSMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the minor program in political science, students gain exposure to the skills and knowledge that help them participate effectively as citizens in a democratic political system and flourish in the rapidly developing globalization of the world's political institutions, cultures and economies.

The program provides students with an introduction to the tools and skills necessary to link theory with contemporary problems and issues.

Courses in constitutional law or that cover the U.S. Supreme Court as part of the minor can benefit those interested in law school.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in political science consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.		
Required Courses		
Required Courses		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT) POS 150 Comparative Government (GCSI) **or** POS 350 Comparative Politics (GCSI) POS 160 Global Politics (GCSI) **or** POS 360 World Politics (GCSI) POS 210 Political Ideologies (CIVI)	C	6
Electives		
Upper Division **POS Elective** No more than three credit hours of POS 484 Internship and three credit hours of POS 499 Individualized Instruction may be applied to the minor.	C	12
Notes		
Prerequisite courses may be needed in order to complete the requirements of this minor.		

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in political science; BS in politics and the economy; BA in business (global politics); BA

and BS in international relations

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with the minor in political science are able to analyze political events and government processes, and communicate effectively to stakeholders. These competencies benefit them as they pursue careers in government, public policy, advocacy or international relations.

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

Popular Music Minor (HIMSCMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Downtown Phoenix

Description: Students in the popular music minor program gain a working knowledge of music production and the music industry. Students are invited to use the state-of-the-art popular music facilities and participate in visiting artist and extra-curricular programs, including an annual career conference, industry partner activations, and performances at local venues.

Curriculum

Requirement	Minimum Grade	Credit Hours
MSC 115 Music Production Fundamentals	C	3
MSC 451 Popular Music Industry Studies I	C	3
MUS 100 Fundamentals of Music Notation	C	3
Popular Music Foundations Courses	C	4

Requirement	Minimum Grade	Credit Hours
MSC 211 Songwriting Fundamentals		
MSC 212 Intermediate Music Production		
MSC 213 Sound Design Fundamentals		
MSC 314 Critical Listening		
MSC 441 Live Sound and Stage Technology I		
Upper Division Popular Music Specialization Courses		
MSC 442 Live Sound and Stage Technology II		
MSC 452 Popular Music Industry Studies II		
MSC 470 Sound Designer/Producer		
MSC 471 Contemporary Composer/Producer Specialization		
MSC 472 Songwriter/Producer Specialization	C	6
MSC 473 Engineer/Producer Specialization		
MSC 474 Music Business Specialization		
MSC 475 DIY Creative Careers		
MSC 477 Live Experience Design Specialization		
MUP 441 Popular Music Ensemble		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

If students test out of MSC 115 and/or MUS 100, then they should replace those credits with MSC 221 Popular Music Lab.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in music (popular music)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Career opportunities for students completing the popular music minor program include professional opportunities in and around:

- composition
- engineering
- live event production and management
- music business
- music production
- music technology
- musical performance
- scoring
- songwriting
- sound design

They also pursue careers as an independent artists and in areas such as education and advocacy work.

Contact information

School of Music, Dance and Theatre | MUSIC 167
https://musicdancetheatre.asu.edu
mdtadmissions@asu.edu
480-965-5069

Portuguese Minor (LAPORMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students pursuing the minor in Portuguese gain an understanding of the language, literature and cultures of Portuguese-speaking countries.

Portuguese is the official language of Portugal, Brazil, Mozambique, Angola, Guinea-Bissau, East Timor, Equatorial Guinea, Macau, Cape Verde, and São Tomé and Príncipe. It is also an official language of the African Union and the European Union. It's the sixth-most-spoken language in the world, and the second-most-spoken Romance language (second to Spanish).

Curriculum

Requirement	Minimum Grade	Credit Hours
The Portuguese minor requires a minimum of 18 credit hours, at least 12 of which must be upper division. Only courses completed with a grade of "C" (2.00 on a 4.00 scale) or higher can be used to fulfill minor requirements.		

Requirement	Minimum Grade	Credit Hours
Portuguese Language		
POR 313 Portuguese Conversation and Culture	C	3
POR 314 Portuguese Composition and Culture	C	3
Electives		

Upper Division Elective Courses

GCU 323 Geography of Latin America (GCSI)

POR 460 Brazilian Society Through Music (HUAD)

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI) — C — 6

POR 490 Consumer Culture in Latin America

POR 494 Topic: Global Challenges in Cinema:Brazil,Africa,Portugal

POR 494 Topic: Why is the Amazon Burning?

Elective Courses

GCU 323 Geography of Latin America (GCSI)

POR 194 Topic: Desert Landscapes of Brazil: Soc&Culture of SertÃ£o

POR 194 Topic: Food, Culture, and Society in Latin America

POR 460 Brazilian Society Through Music (HUAD) — C — 6

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)

POR 490 Consumer Culture in Latin America

POR 494 Topic: Global Challenges in Cinema:Brazil,Africa,Portugal

POR 494 Topic: Why is the Amazon Burning?

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Global opportunities

Global experience: Students in this minor program have the opportunity to attend the following summer study abroad program through the Global Education Office: UArizona: Portuguese in Brazil (https://studyabroad.asu.edu/index.cfm?FuseAction=Programs.ViewProgramAngular&id=11518).

This program is recommended and approved by the School of International Letters and Cultures to give students a global experience studying the language and culture of Brazil.

• This is an ASU-authorized summer program.
• Students can advance their Portuguese language skills during this program in the vibrant coastal city of Salavdor, in northeastern Brazil.
• In addition to taking courses taught by local Brazilian faculty, students live with a host family to experience Brazilian culture firsthand and to further develop their Portuguese skills.
• Common excursions during the program include trips to Jericoacoara and Canoa Quebrada, two beautiful beach towns in the state of Ceará.
• This program is open to students of any major; based on course offerings, it is ideal for students seeking courses in the Portuguese language.
• Completion of POR 102 is a program prerequisite.

Career opportunities

A minor enables students to enhance marketable skills and knowledge they acquire in their major program and to develop additional competencies. Because of the growing economies of many of the countries in which Portuguese is spoken, a minor in this language can prove to be a valuable addition to students' resumes.

More specifically, a minor in Portuguese can help students with communication and cultural competency skills as they pursue career fields such as these:

diplomacy
education
entertainment
international business
interpretation and translation
marketing
political analysis
sociology
science and technology
tourism and hospitality

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/portuguese-minor

silcadvising@asu.edu
480-965-6281

Project Management Minor (LSPROMAMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Description: In the minor program in project management, students are equipped with foundational skills to plan, execute and lead projects effectively across various fields. Through a blend of theoretical knowledge and practical application, students learn key concepts such as budgeting, scheduling, risk management and team collaboration. Students enhance their critical thinking and problem-solving abilities and are prepared to be competitive candidates for today's dynamic job market.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in project management requires 18 credit hours, including a minimum of 12 upper-division credit hours.		
Required Core Courses		
PMG 240 Introduction to Project Management This course is needed as a prerequisite for all 300-level minor courses.	C	3
PMG 321 Project Leadership, Strategy and Scope This course is required for all 400-level minor courses.	C	3
Electives		
Upper Division Electives	C	12
PMG 320 Project Approaches		
PMG 322 Project Schedule Management		
PMG 323 Project Cost Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
PMG 484 Internship		
No more than 3 credit hours of internship may be used toward this minor.		

Requirement	Minimum Grade	Credit Hours
PMG 494 Topic: CAPM Exam Preparation Course		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00 (university minimum)

Incompatible Majors: BA in organizational leadership (project management); BS in project management; BA in organizational leadership; BA in organizational leadership (veteran, service and society); BAS in applied science (project management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in project management have leadership, communication, problem-solving, assessment, effectiveness and cultural competency skills and are prepared to pursue careers across many industries. Those seeking a career in business, engineering or any industry that values leadership and organizational skills are set apart. Employers in many fields seek to hire and promote individuals who can skillfully manage projects and lead project teams.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/
CISA@asu.edu
480-965-4464

Psychology Minor (ASPGSMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: The minor program in psychology enables students to study the scientific nature of the behavior and mental processes of individuals and groups.

The study of psychology includes basic and applied courses in the subfields of clinical, developmental, organizational, cross-cultural and social psychology, cognitive systems and behavioral neuroscience. This program emphasizes the development of wide-ranging skills in critical thinking and reasoning, quantitative and qualitative research methods, working collaboratively on teams, and presentation of information in oral and written form.

The psychology minor prepares students for more advanced study in psychology at the graduate level, in either graduate or professional schools.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in psychology consists of 22 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
PSY 101 Introduction to Psychology (SOBE) If PSY 101 is being applied toward a major requirement, a PSY upper-division elective may be completed as a substitution.	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Upper Division Cognitive Science Electives	C	6
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 325 Physiological Psychology		
PSY 360 Cognitive Science		
PSY 369 Biology of Human Sexuality		
PSY 394 Topic: Developmental Neuroscience		
PSY 434 Cognitive Psychology		

Requirement	Minimum Grade	Credit Hours
PSY 470 Psychopharmacology		

Upper Division Social and Developmental Psychology Electives

PSY 315 Personality Theory and Research (SOBE) PSY 341 Developmental Psychology (SOBE) PSY 350 Social Psychology (SOBE) PSY 366 Psychological Disorders (SOBE) PSY 441 Cognitive Development PSY 443 Child and Adolescent Psychological Disorders (SOBE)	C	3
Upper Division **PSY Elective** PSY 492 does not apply to PSY electives.	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in psychology (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A minor in psychology is a strong addition to any major and prepares students for careers in diverse areas such as education, government, business and industry, health care and social services.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASPGSMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Psychology Minor (LSPGSMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: Psychology is the scientific study of mind and behavior. The psychology minor program emphasizes the development of wide-ranging skills in critical thinking and reasoning, research methods, working collaboratively on teams, and presenting information in oral and written form. The psychology minor adds value to students' major degrees through knowledge of concepts, theories and empirical research in mental processes and behavior.

Curriculum

Requirement	Minimum Grade	Credit Hours
This minor requires 22 credit hours, including 12 hours of upper division. At least six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts.		
Required Courses		
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Electives		
Upper Division Electives		12
PSY 304 Effective Thinking		
PSY 306 Environmental Psychology		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 341 Developmental Psychology (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 350 Social Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
PSY 369 Biology of Human Sexuality		
PSY 385 Psychology of Gender (SOBE)		
PSY 425 Biological Bases of Behavior		
PSY 430 Industrial Psychology		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
PSY 453 Organizational Behavior (SOBE)		
PSY 470 Psychopharmacology		
PSY 472 Clinical Psychology		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA or BS in psychology

Other Enrollment Requirements: None

The department does not offer any iCourse or oCourse sections for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

A minor can help graduates enhance the marketable skills they acquire in their major, diversify their skills with training in another discipline, and improve their job outlook. Although most careers require more training than a minor alone can provide, a minor in psychology can add value for those pursuing careers in business, education or health care.

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Psychology Minor (LAPGSMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the minor program in psychology, students explore life's most intriguing mysteries. They learn about memory, stress, child development and more from renowned faculty. Through engaging coursework and experiential learning opportunities, students investigate the human experience from a scientific perspective.

Students gain a nuanced grasp of psychological principles and methods, enhancing how they approach individual, collective and societal concerns.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in psychology consists of completing 18 credit hours of coursework in psychology. Twelve credit hours must be completed at the upper-division level, of which at least six credit hours must be completed in courses offered by The College of Liberal Arts and Sciences Department of Psychology. All courses for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
PSY 101 Introduction to Psychology (SOBE)	C	3
Upper Division Minor Electives	C	12
PSY 302 The Psychology of Positive Leadership		
PSY 309 Sleep and Dreaming		
PSY 310 Consumer Psychology		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 325 Physiological Psychology		
PSY 330 Statistical Methods (QTRS)		

Requirement	Minimum Grade	Credit Hours
PSY 335 Positive Psychology		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 390 Experimental Psychology		
PSY 394 Topic: Dog Behavior		
PSY 394 Topic: Foundations of Human Sexual Behavior		
Minor Electives	C	3
PSY 290 Research Methods (SCIT)		
PSY 302 The Psychology of Positive Leadership		
PSY 309 Sleep and Dreaming		
PSY 310 Consumer Psychology		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 325 Physiological Psychology		
PSY 330 Statistical Methods (QTRS)		
PSY 335 Positive Psychology		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 366 Psychological Disorders (SOBE)		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 390 Experimental Psychology		
PSY 394 Topic: Dog Behavior		
PSY 394 Topic: Foundations of Human Sexual Behavior		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in psychology (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates are prepared for impactful careers and skilled in navigating our intricate, data-driven world. The interpersonal skills and knowledge of human behavior that graduates have gained in the program support them as they pursue careers in human resources, management, marketing and more.

Contact information

Department of Psychology | PSY 202
https://psychology.asu.edu/
psych.advisor@asu.edu
480-965-7258

Public Relations and Strategic Communications Minor (HSPRSMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in public relations and strategic communications provides students with professional and academic expertise in areas as diverse as public relations campaign planning, persuasive messaging, media relations, communication evaluation, crisis communication and social media management. Additionally, students refine the professional writing and presentation skills needed for any communication profession.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in public relations and strategic communication consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Upper Division Public Relations and Strategic Communication Core		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism	C	9
COM 353 Professional Communication		
COM 454 Rhetorical and Critical Approaches to Public Relations		
Upper Division Public Relations and Strategic Communication Electives	C	3
ASB 374 / POS 374 / SBS 374 / SOC 374 Cultures and Politics of the Internet		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 353 Professional Communication		
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		
COM 429 Visual Communication and Semiotics		
COM 450 Organizational Communication (SOBE)		
COM 454 Rhetorical and Critical Approaches to Public Relations		
COM 457 New Media		

Requirement	Minimum Grade	Credit Hours
COM 459 Theory and Methods of Social Media Networks		
COM 484 Internship		
ENG 301 Writing for the Professions		
ENG 311 Persuasive Writing (CIVI)		
ENG 410 Writing for Publication		
MCO 375 Podcasting		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 431 Media Entrepreneurship		
Public Relations and Strategic Communication Electives	C	6
ASB 374 / POS 374 / SBS 374 / SOC 374 Cultures and Politics of the Internet		
COM 259 Communication in Business and the Professions (CIVI)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 353 Professional Communication		
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		
COM 429 Visual Communication and Semiotics		
COM 450 Organizational Communication (SOBE)		
COM 454 Rhetorical and Critical Approaches to Public Relations		
COM 457 New Media		
COM 459 Theory and Methods of Social Media Networks		

Requirement	Minimum Grade	Credit Hours
COM 484 Internship		
ENG 301 Writing for the Professions		
ENG 311 Persuasive Writing (CIVI)		
ENG 410 Writing for Publication		
MCO 375 Podcasting		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 431 Media Entrepreneurship		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in public relations and strategic communications is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates are prepared for diverse opportunities in business, government, industry, professional sports, politics, writing and editing, and public relations.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/HSPRSMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Public Service and Public Policy Minor (PPPAFMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The minor program in public service and public policy prepares students for work in government at all levels and nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies.

Students discover the challenges of management, learn how to lead a public organization, and understand the process of policy development.

This minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in public service and public policy requires 18 credit hours: 12 hours of required courses and six hours of electives. A minimum of 12 credit hours must be taken in the School of Public Affairs at ASU.		
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 340 Contemporary Policy Challenges	C	3
Upper Division **PAF Elective**	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in public service and public policy (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Students who complete this minor are prepared to pursue a career in a field related to public administration or public policy. This may include opportunities as a policy analyst, entry-level manager or program coordinator in local, state or federal agencies; in nonprofit organizations; and in private organizations that interface with the public sector. The program has an applied and professional focus that can enhance many other majors, which can give students a more competitive edge when seeking a public sector job.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Real Estate Minor (BAREAMIN)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: The real estate minor program is designed to provide students with an understanding of the real estate industry and to complement their major area of study.

The program has a strong foundation in real estate fundamentals, law, appraisal and land development. To build on the foundation, students may choose from a variety of courses, such as investing, economics and urban issues.

Curriculum

Requirement	Minimum Grade	Credit Hours
Students must complete a minimum of 12 credit hours of resident credit for the minor. All courses must be completed with a grade of "C" (2.00) or better.		
Required Courses		
REA 380 Real Estate Fundamentals	C	3
REA 401 Real Estate Appraisal	C	3
REA 411 Real Estate Law	C	3
REA 456 Real Estate Investments	C	3
Minor Electives		
Real Estate Minor Elective	C	6
Select two courses		
ACC 340 External Reporting I		
ACC 350 Internal Reporting		

Requirement	Minimum Grade	Credit Hours
ACC 444 Integrated Business Processes and Enabling Technologies		
AGB 250 Economics of Resource Allocation: Food and Agriculture		
AGB 333 Agribusiness Finance		
AGB 452 Global Food and Agricultural Trade		
BUS 434 Business Risk Management		
CEE 300 Engineering Business Practice		
CIS 308 Advanced Excel in Business		
CIS 309 Business Process Management		
CIS 311 Business Agile Project Management		
CIS 405 Business Intelligence		
CON 457 Principles of Leadership for Project Managers		
DSC 394 Topic: Design Entrepreneurship & Society		
ECN 315 Money and Banking		
EDS 301 Sustainable Community Design and Practices (SUST)		
ENT 360 Entrepreneurship and Value Creation		
ENT 440 Entrepreneurship		
FIN 331 Financial Markets and Institutions		
GCU 357 Social Geography		
GCU 361 Urban Geography		
GPH 381 Geography of Natural Resources (SUST)		
LAP 353 Planting Design for Sustainable Landscapes		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		

Requirement	Minimum Grade	Credit Hours
MGT 430 Negotiations		
MKT 370 Professional Sales and Relationship Management		
MKT 390 Essentials of Marketing		
MKT 391 Essentials of Selling		
MKT 396 Essentials of Services Marketing		
MKT 410 Sales Management		
MKT 452 Business-to-Business Marketing Strategy		
PUP 301 Introduction to Urban Planning		
PUP 410 Public Participation in Planning		
PUP 432 Planning and Development Control Law		
PUP 452 Ethics and Theory in Planning		
PUP 456 course not found		
REA 441 Real Estate Land Development		
REA 494 Special Topics		
SCM 314 Analytics for Logistics		
SCM 315 Supply Chain Analytics		
SCM 344 Applied Logistics Management		
SCM 354 Procurement of Services		
SCM 385 Business and Sustainability I (SUST)		
SCM 455 Research and Negotiation		
SCM 463 Global Supply Chain Management (GCSI)		
SOS 300 Advanced Concepts and Integrated Approaches in Sustainability		
SOS 310 Equity, Justice and Sustainability (HUAD)		

Requirement	Minimum Grade	Credit Hours
SOS 311 Future Thinking and Strategies		
SOS 320 Society and Sustainability (SOBE)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 323 Sustainable Urban Dynamics		
SOS 325 The Economics of Sustainability		
SOS 385 Business and Sustainability I (SUST)		
SOS 465 Sustainable Urbanism		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00 minimum

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in real estate understand the complexity of real estate, and this competitive knowledge base is a benefit as they pursue careers in the real estate industry.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage (https://admission.asu.edu/academics/licensure).

Contact information

Department of Finance | BA 160

https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Recreation Management Minor (PPRECMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The minor program in recreation management introduces students to community recreation programming and planning for a variety of populations.

The program allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as social work, criminology and criminal justice, public affairs, kinesiology, psychology, sociology, education, nursing, and many others might find this minor a beneficial supplement to their existing program.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in recreation management requires completion of 15 credit hours: six credit hours of required courses and nine credit hours of electives.		
Required Courses		
PRM 120 Leisure and the Quality of Life (SOBE)	C	3
PRM 203 Program Planning	C	3
Electives		
Upper Division Electives		
CRD 302 Inclusive Community Development (SOBE)		
PRM 304 Recreation and Sport Planning and Facilities		
PRM 335 Sports and Recreation for Youth Development		
PRM 360 Environmental and Cultural Interpretation	C	9
PRM 453 Inclusive Community Sport		
PRM 475 Entrepreneurial Recreation and Tourism		
PRM 494 Special Topics		
RTH 364 Foundations in Recreational Therapy (SOBE)		

Requirement	Minimum Grade	Credit Hours
Courses offered fall semester only: PRM 304 and PRM 360		
Course offered spring semester only: PRM 335		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Standards

15 hours of graded classroom coursework.

Minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor.

Should be a junior to take 400-level courses.

No double counting of courses for a major and the minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in recreation therapy; BS in parks and recreation management (therapeutic recreation)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in recreation management can find opportunities in diverse settings involving a wide variety of organizations, including recreation, sports and youth development.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Recreational Therapy Minor (PPRECTMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: In the minor program in recreational therapy, students are prepared to use recreation as a therapeutic tool for all individuals. Through a blend of coursework and practical experiences, students learn to design, implement and evaluate recreational programs that promote physical, emotional and social well-being. This program complements various majors by providing specialized knowledge in therapeutic techniques, program planning and assessment.

Students who complete the minor meet a portion of the requirements for eligibility to take the national certification exam through the National Council for Therapeutic Recreation Certification. https://www.nctrc.org/about-certification/ctrs-the-qualified-provider (https://www.nctrc.org/about-certification/ctrs-the-qualified-provider)

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in recreational therapy requires completion of 18 credit hours: six credit hours of required courses and 12 credit hours of electives. Students seeking the national credential in therapeutic recreation should select electives from the Recreation Therapy Electives list.		
Required Courses		
RTH 364 Foundations in Recreational Therapy (SOBE)	C	3
RTH 413 Leadership and Professional Development in Recreational Therapy	C	3
Electives		
Choose 12 credit hours of elective courses. At least three credit hours must be upper division. Please see information describing the differences between the two elective lists.		
For students seeking national credentialing through the National Council for Therapeutic Recreation (NCTRC), select four courses from the Recreational Therapy Electives list. See https://www.nctrc.org/about-certification/certification-standards/ for more information on national credentialing.		
Students interested in advancing knowledge in recreational therapy and do not intend to seek national credentialing through the National Council for Therapeutic Recreation (NCTRC) should select four courses between the two lists of courses: Recreational Therapy Electives and Other Electives. See https://www.nctrc.org/about-certification/certification-standards/ for more information on national credentialing.		
Recreational Therapy or Other Electives	C	9
Upper Division Recreation Therapy or Other Elective	C	3

Recreational Therapy Electives

RTH 250 Therapeutic Recreation and Community Health (CIVI)

Requirement	Minimum Grade	Credit Hours
RTH 400 Intervention Techniques in Recreational Therapy		
RTH 406 Program Design and Administration in Recreational Therapy		
RTH 440 Advocacy in Therapeutic Recreation (GCSI)		
RTH 453 Inclusive Community Sport		
RTH 455 Recreational Therapy and Play with Children, Youth and Families		
RTH 460 Assessment and Documentation in Recreational Therapy		

Other Electives

These courses are not therapeutic recreation content courses and do not meet this coursework requirement for professional eligibility through the National Council for Therapeutic Recreation (NCTRC).

DST 101 Introduction to Disability Studies (CIVI)

NLM 310 Volunteer Management (CIVI)

PRM 120 Leisure and the Quality of Life (SOBE)

PRM 145 Special Events Management

RTH 294 Special Topics

RTH 394 Special Topics

RTH 494 Special Topics

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.50

Incompatible Majors: BS in recreational therapy; BS in parks and recreation management (therapeutic recreation)

Other Enrollment Requirements: none

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates are positioned for impactful careers in health care, rehabilitation and community services. They can find opportunities in diverse settings, including recreation, therapy and hospital settings. They engage in meaningful work that enhances the quality of life for those they serve.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/therapeutic-recreation
scrdadvising@asu.edu
602-496-0550

Religious Studies Minor (ASRELMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in religious studies introduces students to the world's religious traditions and how humans use them to interpret experiences and find meaning. Students learn to think critically about religious worldviews and presuppositions and to explore their relation to contemporary challenges in the world.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in religious studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Religious Studies Electives	C	6
IAS 430 Science and Religion (HUAD)		
IAS 450 / PHI 450 / REL 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 318 Philosophy of Religion (HUAD)		

Requirement	Minimum Grade	Credit Hours
PHI 391 / REL 391 Historical Perspectives on Philosophy and Religion		
PHI 417 Philosophy of Censorship (HUAD)		
PHI 484 Internship		
PHI 499 Individualized Instruction		
REL 100 Religions of the World (HUAD)		
REL 194 Special Topics		
REL 200 Exploring the World's Religions		
REL 202 Religion and Popular Culture (HUAD)		
REL 205 Life, Sex and Death (GCSI)		
REL 207 Ritual, Symbol, and Myth (HUAD)		
REL 294 Special Topics		
REL 310 Western Religious Traditions		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		
REL 345 Asian Religious Traditions		
REL 381 Religion and Moral Issues (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 394 Special Topics		
REL 401 Sacred Scriptures and Social Choices (HUAD)		
REL 413 Sacred Crimes: Religion and Violence (HUAD)		
REL 484 Internship		
REL 494 Special Topics		
REL 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
REL Elective		
Upper Division Religious Studies Electives	C	12
IAS 430 Science and Religion (HUAD)		
IAS 450 / PHI 450 / REL 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 391 / REL 391 Historical Perspectives on Philosophy and Religion		
PHI 417 Philosophy of Censorship (HUAD)		
PHI 484 Internship		
PHI 499 Individualized Instruction		
REL 310 Western Religious Traditions		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		
REL 345 Asian Religious Traditions		
REL 381 Religion and Moral Issues (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 394 Special Topics		
REL 401 Sacred Scriptures and Social Choices (HUAD)		
REL 413 Sacred Crimes: Religion and Violence (HUAD)		
REL 484 Internship		
REL 494 Special Topics		
REL 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
REL Elective		
A maximum of 6 credit hours of PHI/REL 484 and/or PHI/REL 499 may be applied to the minor.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in religious studies (religion, culture and public life); BA in religious studies (religion, politics and global affairs)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates with a minor in religious studies often find work in nonprofit and nongovernmental organizations. They seek employment in a variety of professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care
- journalism
- mental health and counseling
- public service

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASRELMIN/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Religious Studies Minor (LARELMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in religious studies engages students in a comparative exploration of religions and cultures. This exploration leads to a deeper understanding of human nature, religious traditions and the roles that religion plays in a pluralistic and globalizing world.

Students may pursue the minor in religious studies with regional, national, hemispheric, global and a variety of thematic emphases.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in religious studies consists of 18 credit hours, at least 12 of which must be completed at the upper-division level. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. All courses must be passed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
REL 101 Religion, Culture and Public Life (HUAD)	C	3
Upper Division **REL Elective**	C	12
REL Elective	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

The minor in religious studies is also available to complement the studies of ASU Online students.

Not all REL courses are available every term or available in both on-campus and online formats. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in religious studies; BA in religious studies (religion, culture and public life); BA in religious studies (religion, politics and global affairs)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in religious studies is of benefit to those who intend to pursue careers in fields such as education, law or journalism.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Romanian Minor (LAROMMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the Romanian minor program, students acquire the means to develop their interests in social, cultural and political matters while advancing their Romanian language skills.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Romanian minor consists of a minimum of 18 credit hours, including nine credit hours of required core language courses and nine credit hours of upper-division electives. At least 12 credit hours must be upper division. Students choose from either the Romanian Advanced Language track or the Romanian Culture track for the upper-division electives. A minimum of six credit hours must be completed in residence at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Core Language Courses		
ROM 202 Intermediate Romanian Language and Culture II	C	3
ROM 313 Romanian Composition and Conversation	C	3
ROM 314 Romanian Composition and Conversation	C	3
Upper Division Electives		
Upper Division Romanian Advanced Language Track	C	9
ROM 411 and ROM 412 are required courses. The third course must be chosen from the list below.		
ROM 411 Advanced Spoken and Written Romanian I		

Requirement	Minimum Grade	Credit Hours
ROM 412 Advanced Spoken and Written Romanian II		
ROM 310 / SLC 310 Migration and Identity: Digital Storytelling **or** ROM 343 / SLC 343 Culture and Society Transformation (GCSI) **or** ROM 442 / SLC 442 Dracula and Vampire Lore (HUAD) **or** ROM 494 Special Topics **or** ROM 499 Individualized Instruction **or** SLC 429 Studies in European Literature and Culture		
OR **Upper Division Romanian Culture Track**		
ROM 310 / SLC 310 Migration and Identity: Digital Storytelling		
ROM 343 / SLC 343 Culture and Society Transformation (GCSI)		
ROM 442 / SLC 442 Dracula and Vampire Lore (HUAD)		
ROM 494 Special Topics		
ROM 499 Individualized Instruction		
SLC 429 Studies in European Literature and Culture		
Students choose from either the Romanian Advanced Language track or the Romanian Culture track for the upper-division electives. Maximum of three credit hours of ROM 499 may be applied to the minor.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Course substitutions are permitted for heritage speakers and other advanced speakers of Romanian.

ROM 101 through 201 are not applicable to the minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation.

Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in Romanian helps students with communication and cultural competency skills as they pursue careers in political analysis, education, tourism and hospitality, the military, sociology, marketing or various other fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/romanian--minor
silcadvising@asu.edu
480-965-6281

Russian Minor (LARUSMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students pursuing a minor in Russian gain introductory to intermediate language skills and an understanding of the literature and cultures of Russian-speaking peoples and regions.

The Russian language program cooperates with the Melikian Center for Russian, Eurasian and East European Studies to offer students a transdisciplinary experience.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Russian minor consists of 18 credit hours, of which at least 12 credit hours must be upper division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Core Requirements		
RUS 311 Russian Society I	C	3
RUS 312 Russian Society II	C	3
Literature Course		
Upper Division Literature Courses (choose one)	C	3
RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
RUS 421 Pushkin		

Requirement	Minimum Grade	Credit Hours
RUS 425 / THE 425 Chekhov and Russian Drama (HUAD)		
RUS 430 Russian Short Story (HUAD)		
RUS 439 / SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
Electives		
Upper Division Electives		
RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
RUS 411 Russian Language, History and Culture I		
RUS 412 Russian Language, History and Culture II		
RUS 421 Pushkin		
RUS 423 Dostoevsky and Tolstoy (HUAD)		
RUS 425 / THE 425 Chekhov and Russian Drama (HUAD)		
RUS 430 Russian Short Story (HUAD)	C	3
RUS 439 / SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
RUS 440 Russian Mass Media		
RUS 484 Internship		
RUS 493 Honors Thesis		
SLV 304 Digital Humanities for Language Majors		
SLV 440 History of Slavic Languages (SOBE)		
SLV 484 Internship		
SLV 493 Honors Thesis		
Electives	C	6

Requirement	Minimum Grade	Credit Hours
RUS 141 Russian Civilization: From Tsars to Putin (GCSI)		
RUS 211 Conversational Russian I **or** RUS 212 Conversational Russian II		
RUS 241 Russian Pop Culture: Protest and Propaganda (GCSI)		
RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
RUS 411 Russian Language, History and Culture I		
RUS 412 Russian Language, History and Culture II		
RUS 421 Pushkin		
RUS 423 Dostoevsky and Tolstoy (HUAD)		
RUS 425 / THE 425 Chekhov and Russian Drama (HUAD)		
RUS 430 Russian Short Story (HUAD)		
RUS 439 / SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
RUS 440 Russian Mass Media		
RUS 484 Internship		
RUS 493 Honors Thesis		
SLV 304 Digital Humanities for Language Majors		
SLV 440 History of Slavic Languages (SOBE)		
SLV 484 Internship		
SLV 493 Honors Thesis		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in Russian

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in Russian have the communication and cultural competency skills that help them as they pursue careers in public policy, diplomacy, foreign affairs, global security, political analysis, education, tourism and hospitality, the military, sociology, marketing or various other fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/russian-minor
silcadvising@asu.edu
480-965-6281

Science, Technology and Society Minor (ECSTSMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: Life in the modern world is characterized by rapid technological change and uncertainty. Mastering the intricacies of the interrelationships between technology, science and society enhances any degree and provides students with the insights and skills required for success in any career field.

The science, technology and society minor program offers students a competitive edge in the job market by pairing technical skills with a deep understanding of how their work integrates into a larger societal framework. In an era of rapid technological change, students gain insights into the societal forces that influence innovation and policy. They grow their critical thinking skills by analyzing the ethical, political and cultural dimensions of scientific and technological advancements. Problem-solving skills are enhanced as they learn to approach complex issues from diverse perspectives. Students explore fascinating topics, such as the history of innovation, technology in developing countries, and the intersection of science and public policy.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in science, technology and society requires 15 credit hours, including a minimum of nine upper-division credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.		
General Course		

Requirement	Minimum Grade	Credit Hours
STS 101 Introduction to Science, Technology and Society (SOBE) **or** STS 304 Science, Technology and Society (SOBE)	C	3
Electives		
Electives	C	12

HST 280 History of Science, Technology and Innovation (GCSI)

HST 312 History of Women in Science and Medicine (HUAD)

HST 318 History of Engineering (HUAD)

HST 319 History of Aviation (HUAD)

HST 345 Environmental History (SUST)

HST 380 Topic: Law, Science, and Society

HST 380 Topic: Science in the Age of Exploration and Empire

HST 380 Studies in the History of Science

HST 381 Topic: The History of Human Rights

HST 381 Studies in the History of Ideas

HST 382 Topic: History of the Automobile

HST 382 Topic: History of Energy Systems

HST 382 Studies in the History of Innovation and Technology

HST 482 Topic: Technology and Warfare: A Historical Analysis

HST 482 Writing and the History of Science, Ideas and Technology

ISS 302 Scope of Social Science

MVS 402 Technology and Warfare

POS 316 American Political Institutions (AMIT)

POS 325 Public Policy Development (CIVI)

POS 485 Political Economy (SOBE)

Requirement	Minimum Grade	Credit Hours
STS 194 Special Topics		
STS 294 Special Topics		
STS 301 Research in Science and Technology Studies		
STS 302 Philosophy of Science and Technology		
STS 303 History of Modern Science and Technology (HUAD)		
STS 305 Science and Social Theory		
STS 306 Social Effects of Science and Technology		
STS 318 Science, Technology, and Government		
STS 325 Science, Technology, and Public Policy		
STS 328 Science, Technology, and Culture		
STS 329 Technology in Developing Countries		
STS 330 Information Technology and Globalization		
STS 364 Science, Technology, and National Security		
STS 394 Special Topics		
STS 401 Statistics in Science and Technology Studies (QTRS)		
STS 425 Law, Values, Science and Technology		
STS 494 Special Topics		

Students select four courses, keeping in mind that at least nine hours of upper-division must be completed across the minor.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in science, technology and society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in science, technology and society can help students understand the connections between technology and human systems as they pursue careers in industrial design, urban planning or public relations.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Slavic Studies Minor (LASLVMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The Slavic studies minor program places an equal focus on Slavic languages, cultures and regional studies. Students can pursue a concentration in either Bosnian, Croatian, Serbian or Polish to gain professional linguistic proficiency.

The program is designed to complement the studies of students whose professional interests intersect with Poland or the countries of southeastern Europe, regardless of their major discipline. Many students are majors in history, cultural anthropology, music, political science or economics.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Slavic Studies requires 18 upper-division credit hours. A minimum of six upper-division credit hours must be taken in residence at ASU. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Slavic Language Courses		
Slavic Language Courses	C	6
BCS 311 Bosnian/Croatian/Serbian Composition and Conversation I **AND** BCS 312 Bosnian/Croatian/Serbian Composition and Conversation II		
BCS 495 Serbo-Croatian for Heritage Speakers		

Requirement	Minimum Grade	Credit Hours
Notes: This course may be repeated for credit		
PLC 311 Advanced Polish I **AND** PLC 312 Advanced Polish II		
PLC 494 Topic: Polish for Heritage Speakers		
Notes: This topic may be repeated for credit		

Language sequence options for earning the required six credit hours are: complete BCS 311 and BCS 312, or BCS 495 taken twice; OR PLC 311 and PLC 312, or PLC 494 Polish for Heritage Speakers taken twice. Course substitutions are permitted for heritage speakers and other advanced speakers of Slavic language. Please contact the School of International Letters and Cultures for more information.

Required Courses

SLV 304 Digital Humanities for Language Majors	C	3
SLV 440 History of Slavic Languages (SOBE)	C	3
SLV 498 Pro-Seminar **OR** SLV 498 Topic: Senior Capstone	C	3

Slavic Upper-Division Elective

Upper Division Slavic Electives (choose one)	C	3
BCS 394 Special Topics		
RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
RUS 394 Special Topics		
RUS 421 Pushkin		
RUS 425 Chekhov and Russian Drama (HUAD)		
RUS 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
RUS 484 Internship		
RUS 493 Honors Thesis		
RUS 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
SLV 484 Internship		
SLV 492 Honors Directed Study		
SLV 493 Honors Thesis		
SLV 499 Individualized Instruction		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

No lower-division language courses are applicable to the minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with the minor in Slavic studies have communication and cultural competency skills that give them an advantage as they pursue careers in political analysis, education, tourism and hospitality, the military, sociology, marketing or various other fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/slavic-studies-minor
silcadvising@asu.edu
480-965-6281

Social Justice and Human Rights Minor (ASJHRMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: The minor program in social justice and human rights encompasses both the social sciences and the humanities to prepare students to meet the challenges of today's issues of social justice and protection of human rights in local, national, international and global contexts.

Coursework prepares students to serve as advocates for alleviating political, economic and social inequality. Students are introduced to principles and practices of everyday humanitarianism, multimedia advocacy, and theories and practices of social justice and human rights.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in social justice and human rights consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
JHR 100 Introduction to Social Justice and Human Rights (CIVI)	C	3
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)	C	3
SBS 302 Qualitative Methods (SOBE) **or** SBS 303 Quantitative Methods (QTRS) **or** SBS 304 Social Statistics I (QTRS)	C	3
Students must complete one course from each of the three tracks listed below. At least two courses must be upper division.		
Social Justice and Inequality Track	C	3
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ENV 440 / JHR 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications		
ETH 380 / WST 380 Race, Gender, and Class (SOBE)		
HST 441 / LAS 441 Latin America and the World Economy		
JHR 294 Topic: Human Rights & Data		
JHR 378 Inequality and Living Wages in Latin America (CIVI)		
POS 342 Political Theory		
POS 446 Democracy (CIVI)		

Requirement	Minimum Grade	Credit Hours
POS 480 / SBS 480 Global Justice (GCSI)		
POS 494 Topic: Everyday Forms of Political Resistance		
SBS 301 Cultural Diversity (SOBE)		
SOC 331 Environmental Sociology (SUST)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		

Law, Citizenship, and Borders Track

ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
JHR 425 The Politics of Immigration		
PAX 230 Introduction to Peace Studies (GCSI)		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT)	C	3
POS 160 Global Politics (GCSI) **or** POS 360 World Politics (GCSI)		
POS 210 Political Ideologies (CIVI)		
POS 361 American Foreign Policy (SOBE)		
POS 465 International Organization and Law (GCSI)		
JHR 494 Topic: Borders and Climate Change		

Identity and Place Track

	C	3
ASB 211 Women in Other Cultures		
ASB 394 / ENG 394 / JHR 394 Topic: World Languages and Identity		
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		

Requirement	Minimum Grade	Credit Hours
ETH 433 / JHR 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 473 / LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
FOR 449 / LAS 449 / SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
HST 376 / LAS 376 Modern Latin America		
JHR 394 Topic: Human Rights in the Global South		
JHR 494 Topic: Political Representation in Latin America		
POS 150 Comparative Government (GCSI) **or** POS 350 Comparative Politics (GCSI)		
POS 247 Introduction to Latin American Politics		
POS 357 South Asia Politics		
POS 361 American Foreign Policy (SOBE)		
POS 437 / SOC 437 Women, Power, and Politics		
SOC 270 Sociology of Race and Ethnicity (CIVI)		
WST 428 Gender, Madness and Justice (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in social justice and human rights; BA and BS in justice studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates with this minor are employable in a variety of settings, including refugee resettlement agencies; agencies and shelters that support survivors of domestic abuse; shelters for migrants, especially for unaccompanied minors; organizations that assist survivors of sex trafficking and human labor trafficking; agencies that assist veterans and others suffering from posttraumatic stress; and disaster relief agencies.

Possible career opportunities include:

fundraising professional
grant writer
humanitarian aid worker
international governmental organization professional
nongovernmental organization professional
nonprofit agency manager

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASJHRMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Social Welfare Minor (LASSWMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, West Valley, Online

Description: The social welfare minor program prepares students for work in human service settings where a fundamental knowledge of human relations is required.

The minor enhances and broadens students' abilities to analyze complex family, individual and societal problems in the context of societal values, cultural humility, and other social and economic variables. The program contributes to students' understanding of society and social behavior, encourages critical thinking and helps students develop their communication skills.

Curriculum

Requirement	Minimum Grade	Credit Hours
Minor Requirements:		
Students should be at least sophomore standing to take 300- or 400-level courses.		
Complete 18 credit hours of graded coursework (internship or independent study not applicable).		
Complete a minimum of 12 credit hours of resident credit at ASU.		

Requirement	Minimum Grade	Credit Hours
Complete SWU 171 as the prerequisite for all upper-division SWU courses.		
Earn a grade of "C" (2.00 on a 4.00 scale) or better for all courses in the minor.		
Maintain a cumulative GPA of 2.00 (on a 4.00 scale) or higher.		
Take a minimum of 12 credit hours of upper-division coursework from the approved list.		
Required Courses		
SWU 171 Introduction to Social Work (SOBE)	C	3
SWU 291 Social Service Delivery Systems	C	3
SWU 332 Social Policy and Advocacy (CIVI) **or** SWU 432 Social Policy and Services	C	3
Governance and Civic Engagement		
Upper Division Governance and Civic Engagement		
SWU 374 Diversity and Oppression in a Social Work Context (CIVI)		
SWU 456 Immigrants and Refugees (CIVI)	C	3
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)		
Elective Courses		
Upper Division Electives	C	6
SWU 303 Micro Human Behavior and the Social Environment (SOBE)		
SWU 340 Macro Human Behavior and the Social Environment (SOBE)		
SWU 454 Overview of Addictions		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
SWU 458 Behavioral Health Services		

Requirement	Minimum Grade	Credit Hours
SWU 460 Legal Issues in Social Work		
SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)		
SWU 462 Global Social Welfare (GCSI)		
SWU 498 Pro-Seminar		
Select two courses from the elective list. Students may select one additional course from the Governance and Civic Engagement options above.		
SWU 456, SWU 457, and SWU 461 cannot be used to meet both the Governance and Civic Engagement requirement and the elective requirement.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BSW in social work; BA in public service and public policy (social services delivery); BA in community advocacy and social policy

Other Enrollment Requirements: None

Students should meet with a social welfare advisor prior to registration.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates with a minor in social welfare are prepared for work in a variety of human service settings. This minor complements careers in journalism, communications, public administration, nursing and related fields, and it provides a foundation for students who seek to pursue a Master of Social Work degree.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/undergraduate-certificates/majorinfo/LASSWMIN/undergrad/true/8

social.work@asu.edu
602-496-0800

Social and Behavioral Sciences Minor (ASSBSMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: In the minor program in social and behavioral sciences, students gain an interdisciplinary perspective across several fields of the social and behavioral sciences --- including communication, sociocultural anthropology, geography, political science, psychology and sociology --- enabling them to better understand and interact with people and society.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in social and behavioral sciences consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
SBS 200 Introduction to Social and Behavioral Sciences (SOBE)	C	3
SBS 302 Qualitative Methods (SOBE) **or** SBS 303 Quantitative Methods (QTRS)	C	3
Social and Behavioral Sciences Electives		
ASB Elective COM Elective JHR Elective POS Elective PSY Elective SBS Elective SOC Elective	C	3
Upper Division Social and Behavioral Sciences Electives	C	9
ASB Elective		

Requirement	Minimum Grade	Credit Hours
COM Elective		
JHR Elective		
POS Elective		
PSY Elective		
SBS Elective		
SOC Elective		

Up to three credit hours of internship (484) and up to three credit hours of individualized instruction (499) may apply toward the electives requirement.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in social and behavioral sciences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Career opportunities

A minor in social and behavioral sciences is appropriate for any discipline that requires a solid background in social sciences. Graduates with this minor are prepared to work in community development, counseling, criminal justice, public policy, social science disciplines, urban studies and planning, and to apply to professional schools (e.g., law, public administration, social work).

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASSBSMIN/undergrad/true/177

sbsadvising@asu.edu
602-543-3000

Sociocultural Anthropology Minor (ASASBMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in sociocultural anthropology, offered by the School of Social and Behavioral Sciences, is designed to provide students with a substantive understanding of the theoretical assumptions and methodological techniques underlying the field of sociocultural anthropology.

Courses provide students with knowledge about and theoretical approaches to cross-cultural studies and transnational research, emphasizing culture and political economy in historical context.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in sociocultural anthropology consists of 18 credit hours of coursework, of which a minimum of 9 hours must be upper division. A minimum of 6 upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
ASB 102 Introduction to Cultural Anthropology (GCSI) **or** ASB 311 Principles of Social Anthropology (GCSI)	C	3
SBS 302 Qualitative Methods (SOBE)	C	3
Upper Division Sociocultural Anthropology Electives	C	6
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		
ASB 374 / POS 374 / SBS 374 / SOC 374 Cultures and Politics of the Internet		
ASB 394 Special Topics		
ASB 494 Special Topics		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		

Requirement	Minimum Grade	Credit Hours
ASB 484 Internship		
ASB 499 Individualized Instruction		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
SBS 301 Cultural Diversity (SOBE)		
SBS 480 / POS 480 Global Justice (GCSI)		
ASB Elective		

Sociocultural Anthropology Electives

ASB 211 Women in Other Cultures		
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		
ASB 374 / POS 374 / SBS 374 / SOC 374 Cultures and Politics of the Internet		
ASB 394 Special Topics		
ASB 494 Special Topics	C	6
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ASB 484 Internship		
ASB 499 Individualized Instruction		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
SBS 301 Cultural Diversity (SOBE)		
SBS 480 / POS 480 Global Justice (GCSI)		
ASB Elective		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in sociocultural anthropology is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Career opportunities for graduates with a minor in sociocultural anthropology include:

consultant
cultural resource manager
grant writer
immigration officer
nongovernmental organization staff member
refugee counselor
researcher
United Nations staff member

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASASBMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Sociology Minor (ASSOCMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in sociology, offered by the School of Social and Behavioral Sciences, provides students with an understanding of the theory, practice and policy that underlie issues of social change, inequality and diversity. These issues are approached from multiple perspectives, including race or ethnicity, gender, economic position, age, geographic location and position in the global political economy.

Students learn how sociology enhances one's understanding of social realities and institutions at local, national and international levels and how it contributes to the other social sciences and to the humanities.

Students gain a basic understanding of the assumptions underlying the discipline of sociology and develop the research skills necessary for analysis of complex social issues. These objectives are met through a flexible program that provides students with individual and group experiences working with faculty members on concrete intellectual and policy issues.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in sociology consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
SOC 101 Introductory Sociology (SOBE) If SOC 101 is being applied toward a major requirement, a SOC upper-division elective may be completed as a substitution.	C	3
SBS 302 Qualitative Methods (SOBE) **or** SBS 303 Quantitative Methods (QTRS) **or** SBS 304 Social Statistics I (QTRS) **or** SOC 426 Social Inequalities (CIVI) **or** SOC 483 Sociological Theories (SOBE)	C	3
SOC Elective	C	3
Upper Division **SOC Elective** Up to three credit hours of experiential learning (484/499) may apply toward the SOC electives requirement.	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS or BA in sociology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates are prepared for employment in corporate or governmental organizations and to continue their studies in graduate programs in sociology or social science, or in professional schools.

The sociological perspective is applicable to a wide variety of jobs in business, management, government, social services, the criminal justice system and the health professions. Coursework in sociology is valuable preparation for careers in journalism, law, the nonprofit sector, public administration and public relations. These are all fields that involve investigative skills and an ability to work with diverse groups.

Graduates with an advanced degree in sociology may become community activists, community developers, criminologists, demographers, gerontologists, organizational advocates, research analysts, statisticians, survey researchers or urban planners.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASSOCMIN/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Sociology Minor (LASOCMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in sociology provides an exceptional balance to studies in psychology, communication, education, business and nursing through basic coursework that explores social institutions and issues related to social change and social behavior.

Curriculum

Requirement	Minimum Grade	Credit Hours
A minor in sociology requires 18 credit hours, of which 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Courses		
SOC 101 Introductory Sociology (SOBE)	C	3
200-Level **SOC Elective**	C	3
Upper Division Electives		
Upper Division **SOC Elective** A maximum of 3 credits of SOC 399, SOC 484, SOC 492, SOC 493, or SOC 499 may apply.	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA and BS in sociology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

A minor in sociology can benefit graduates as they pursue careers in counseling, social work, business, law and health care.

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/
advisor@asu.edu
480-965-6978

Spanish Minor (ASSPAMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The minor program in Spanish adds to students' language fluency and offers deep insight into the cultures of Spanish-speaking communities.

Learning a new language pushes the brain to become familiar with new grammar and vocabulary rules. It enables students to train their memory to remember new words, make connections between them, and use them in contextual situations.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Spanish consists of 19 credit hours of coursework, of which a minimum of 15 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		

Requirement	Minimum Grade	Credit Hours
SPA 202 Intermediate Spanish	C	4
SPA 313 Spanish Conversation and Composition **AND** SPA 314 Spanish Conversation and Composition **OR** SPA 315 Advanced Spanish I for Bilinguals (SOBE) **AND** SPA 316 Advanced Spanish II for Bilinguals (CIVI)	C	6
SPA 325 Introduction to Hispanic Literature (HUAD)	C	3
Upper Division Spanish Electives	C	6
LAS 340 Latin American Women Writers (HUAD)		
LAS 350 The Construction of a Nation: Chile in the 20th/21st Century		
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		
LAS 394 Topic: Global Central America: Markets, Migrations, Media		
LAS 394 Special Topics		
LAS 430 Gender on the Borderlands (HUAD)		
LAS 450 Latina/os, Schooling and Social Inequality		
LAS 471 Treaties and Cultural Production in Spain and the Americas		
LAS 473 Indigenous and Latina/Chicana Representation		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		
LAS 481 / SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
LAS 494 Special Topics		
SPA 394 Special Topics		
SPA 412 Advanced Conversation and Composition		
SPA 413 Spanish Grammar in Context		
SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
SPA 456 20th-Century Spanish American Fiction		

Requirement	Minimum Grade	Credit Hours
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA 494 Special Topics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Students should consult with an academic advisor to select six credit hours from the Spanish elective list or other appropriate courses from the LAS or SPA subjects, with the understanding that their coursework will be carried out in Spanish.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in Spanish

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

The Spanish program offers excellent preparation for graduate school.

A minor in Spanish is also excellent preparation for employment as a teacher in the elementary or secondary school system, especially in those districts where bilingual programs are integral to the curricula.

Outside the education system, graduates with a minor in Spanish find employment as translators and interpreters in:

diplomatic corps
federal and state courts
law enforcement agencies
law firms
social agencies

The business world also provides employment for those fluent in Spanish. This is especially true in the American Southwest, with its proximity to Mexico, and through outlets opened by multinational trade agreements.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASSPAMIN/undergrad/true/177

harcsadvising@asu.edu
602-543-3000

Spanish Minor (LSSPAMIN)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix

Description: This 15 credit hour minor program helps students hone their Spanish communication skills and gain the cultural knowledge that can help them serve the needs of the growing U.S. Latino community at home and abroad.

The program's combination of professionally focused courses and practical experience enhances students' professional preparation for employment in positions that require advanced proficiency in Spanish and an in-depth understanding of U.S. Latino culture. With the flexibility of iCourses and enriching internships, students gain practical experience while mastering intercultural communication, decision-making, and problem-solving with cultural and ethical awareness.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Spanish minor requires a total of 15 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses. Pass/Fail courses cannot be used.		
Required Courses		
SPA 404 Spanish in U. S. Professional Communities	C	3
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)	C	3
Electives		
Students complete nine upper-division credit hours from one of the three focus areas: Spanish for the Professions, Professional Spanish and Latinx Cultures for Social Care and Public Work, or Professional Spanish and Latinx Cultures for Heritage Speakers.		
Upper Division Spanish for Professional Development and Solutions	C	9
Required courses:		
SPA 317 Spanish for the Professions		
SPA 402 Mastering Professional Spanish Writing **or** SPA 484 Internship		
Choose one elective course from the following:		
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		

Requirement	Minimum Grade	Credit Hours
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 401 Spanish Oral Communication for the Professions		
SPA 402 Written Communication for the Professions		
SPA 403 Spanish Grammar and Stylistics for the Professions		
SPA 406 Introduction to Spanish/English Medical Interpretation		
SPA 484 Internship		
SPA 494 Topic: Introduction to Spanish Translation for the Profes		
SPA 494 Topic: Community Interpretation		
SPA 494 Topic: Spanish for Social Care: Latinx Ameri Pop Cultures		
SPA 494 Topic: Spanish for Mental Health Practiti and Ally fields		
or		
Upper Division Professional Spanish and Latinx Cultures for Social Care and Public Work		
Required courses:		
SPA 401 Spanish Oral Communication for the Professions		
SPA 494 Topic: Spanish for Social Care: Latinx Ameri Pop Cultures		
Choose two courses from below.		
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		
SPA 317 Spanish for Professional Success		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 402 Mastering Professional Spanish Writing		
SPA 403 Spanish Grammar and Stylistics for the Professions		
SPA 406 Introduction to Spanish/English Medical Interpretation		

Requirement	Minimum Grade	Credit Hours
SPA 484 Internship		
SPA 494 Topic: Community Interpretation		
SPA 494 Topic: Introduction to Spanish Translation for the Profes		
SPA 494 Topic: Spanish for Mental Health Practiti and Ally fields		

or

Upper Division Professional Spanish and Latinx Cultures for Heritage Speakers

Required course:		
SPA 401 Spanish Oral Communication for the Professions		
Choose two courses from the list below:		
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		
SPA 317 Spanish for Professional Success		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 402 Mastering Professional Spanish Writing		
SPA 403 Spanish Grammar and Stylistics for the Professions		
SPA 406 Introduction to Spanish/English Medical Interpretation		
SPA 484 Internship		
SPA 494 Topic: Community Interpretation		
SPA 494 Topic: Introduction to Spanish Translation for the Profes		
SPA 494 Topic: Spanish for Mental Health Practiti and Ally fields		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Before enrolling in SPA 484 Internship, students should complete a minimum of 9 credit hours in the Minor program and seek instructor's approval. If you are not in the Spanish for the Profession Minor and want to have this experience, contact the instructor. For Fall enrollment, submit your enrollment request by May 1st. For Spring enrollment, submit your enrollment request by December 1st. Email CISAadvising@asu.edu.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in Spanish

Other Enrollment Requirements: Students must have completed SPA 314 or SPA 316 or faculty approval to begin the minor. Faculty approval can be requested by contacting CISAadvising@asu.edu (mailto:CISAadvising@asu.edu). For fall enrollment, students should submit a request by May 1. For spring enrollment, students should submit a request by December 1. The applicant should include their name, ASU ID number, the requested minor, and the semester they would like to begin the program.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Graduates can serve in professional fields such as health and legal services, journalism, business, social work and criminology, among others.

Students who complete this undergraduate minor have many options forcareer opportunities in a variety of fields, including:

- business
- community interpretation
- education
- engineering and urban planning
- government
- health care services
- legal and justice systems
- social work
- tourism

Contact information

School of Applied Sciences and Arts | AZCNTR 380
https://cisa.asu.edu
CISA@asu.edu
480-965-4464

Spanish Minor (LASPAMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The minor program in Spanish provides students with an opportunity to gain proficiency in reading, speaking and writing the Spanish language. Students also gain a better understanding of the diverse cultures and regions of Spanish-speaking communities.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in Spanish requires a total of 21 credit hours, of which 18 credit hours must be upper division. A minimum of six upper-division credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.		
Required Courses Of the 12 credit hours of required courses for the Spanish minor, students select the appropriate language track: Spanish Second Language or Spanish Heritage/Bilingual Language track. Course substitutions are allowed for heritage and advanced speakers of the language.		
SPA 202 Intermediate Spanish **or** SPA 204 Intermediate Spanish II for Bilinguals **or** SPA 210 Intensive Spanish II	C	3
Upper Division Spanish Second Language SPA 313 Spanish Conversation and Composition SPA 314 Spanish Conversation and Composition SPA 412 Advanced Conversation and Composition	C	9
OR **Upper Division Spanish Heritage/Bilingual Language** SPA 315 Advanced Spanish I for Bilinguals (SOBE) SPA 316 Advanced Spanish II for Bilinguals (CIVI) SPA 416 Advanced Spanish Conversation and Composition for Spanish Heritage Learners (HUAD)		
Minor Tracks		
Upper Division Option 1: Spanish Language Studies Track Required Spanish Civilization and Culture Course (choose one): SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)	C	9

Requirement	Minimum Grade	Credit Hours
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA Upper-Division Restricted Elective (choose one):		
SPA 325 Introduction to Hispanic Literature (HUAD)		
SPA 400 Fundamentals of Spanish Linguistics (SOBE)		
SPA 413 Spanish Grammar in Context		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA Upper-Division Elective or SPA Upper-Division Study Abroad Course (choose one):		
300-Level SPA Elective		
SPA 484 Internship		
400-Level SPA Elective		
Upper Division Spanish Study Abroad Course		

OR

Upper Division Option 2: Spanish Literary and Cultural Studies Track

SPA 325 is required for this track		
SPA 325 Introduction to Hispanic Literature (HUAD)		
Choose one 400-level course from the following:		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		

Requirement	Minimum Grade	Credit Hours
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
Choose one upper-division course from the following:		
SPA 319 Business Correspondence and Communication		
300-Level SPA Elective		
400-Level SPA Elective		
OR **Upper Division Option 3: Spanish Linguistics**		
SPA 400 is required for this track.		
SPA 400 Fundamentals of Spanish Linguistics (SOBE)		
Choose two courses from the following:		
First course selection:		
SPA 413 Spanish Grammar in Context		
SPA 417 The Sounds of Spanish (SOBE)		
SPA 418 Architecture of Spanish		
SPA 419 Spanish Around the World		
SPA 420 Applied Spanish Linguistics (SOBE)		

Requirement	Minimum Grade	Credit Hours
SPA 421 Spanish in the Southwest		
Second course selection:		
SPA 413 Spanish Grammar in Context		
SPA 417 The Sounds of Spanish (SOBE)		
SPA 418 Architecture of Spanish		
SPA 419 Spanish Around the World		
SPA 420 Applied Spanish Linguistics (SOBE)		
SPA 421 Spanish in the Southwest		

Students complete nine credit hours from one option track that is beneficial to their personal or academic goals. Option tracks include Spanish Language Studies, Spanish Literary and Cultural Studies, or Spanish Linguistics.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

See information about Language Placement Testing or consult with an academic advisor in the School of International Letters and Cultures regarding placement into Spanish language classes. Students testing into higher Spanish language courses may need overrides to enroll.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BA in Spanish; BAE in secondary education (Spanish)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Global opportunities

Global experience: Participation in a study abroad program (https://goglobal.asu.edu/) can enhance a student's minor experience and education.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in Spanish have enhanced communication skills and cultural competence, giving them an advantage as they pursue careers in political analysis, education, tourism and hospitality, the military, sociology, marketing, or various other fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/minor/spanish-minor
silcadvising@asu.edu
480-965-6281

Special Events Management Minor (HSEVNMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The minor program in special events management equips students with essential skills for planning and executing impactful community events.

This program includes a two-tiered special events course, offering both foundational and advanced instruction, along with hands-on learning opportunities through real event production. Students can also choose electives that align with their interests.

This minor is open to students in various undergraduate programs at ASU, enriching their educational journey. This program is applicable to a variety of industries, enhancing the skill set of students studying business, communication, journalism, music, fashion or another fields.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 15 credit hours: six credit hours of required courses and nine credit hours of electives.		
Required Courses		
PRM 145 Special Events Management	C	3
PRM 487 Advanced Special Events Management **or** PRM 307 Event Leadership Experience PRM 487 is only offered spring semesters. PRM 307 is only offered fall semesters.	C	3
Elective Courses		
Upper Division Electives	C	9
CRD 350 Tourism, Recreation and Sports Marketing		
PRM 310 Strategic Volunteer Engagement (CIVI)		

Requirement	Minimum Grade	Credit Hours
PRM 483 Sports Tourism		
PRM 484 Internship		
PRM 485 Sports Events		
TDM 345 Meeting and Convention Planning		
TDM 386 Convention Sales and Management		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Standards

15 credit hours of graded coursework (no independent study).

Minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor.

Should be a junior to take 400-level courses.

No double counting of courses for a major and the minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in tourism development and management (including all concentrations), BS in community sports management (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates with a minor in event management have a competitive edge as they enter the workforce. They are prepared for employment in numerous positions such as meeting coordinator, sales coordinator, event planner, conference coordinator and festival coordinator.

Contact information

School of Community Resources and Development | UCENT 500
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Speech and Hearing Science Minor (LASHSMIN)

College/School: College of Health Solutions

Campus: Tempe

Description: The minor in speech and hearing science is an academic program with emphasis on normal aspects of speech, language and hearing. The focus is on how motor, cognitive and sensory systems interact with and influence hearing, speech and language in children and adults.

A few examples of courses that students can expect to take in this program are:

• aural rehabilitation
• anatomical and physiological bases of speech
• clinical methods and treatments of communication disorders
• introduction to phonetics

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in speech and hearing science consists of 24 credit hours, of which at least 18 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
Students are strongly encouraged to meet with a Speech & Hearing Science academic advisor.		
SHS 205 Exploring Communication Disorders in Children and Adults	C	3
SHS 250 Introduction to Phonetics	C	3
SHS 310 Anatomical and Physiological Bases of Speech	C	3
SHS 311 Hearing Science	C	3
SHS 367 Language Science (SOBE) **or** SHS 375 Speech Science	C	3
Upper Division Electives	C	9

Requirement	Minimum Grade	Credit Hours
SHS 401 Principles of Audiology		
SHS 402 Clinical Methods and Treatment of Communication Disorders		
SHS 465 Speech and Language Acquisition (SOBE)		
SHS 470 Developmental Speech and Language Disorders		
SHS 485 Acquired Speech and Language Disorders		
SHS 496 Aural Rehabilitation		
Students interested in pursuing the Speech-Language Pathology Assistant certificate should take SHS 402, 465, and 470 as their upper-division electives.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in speech and hearing science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

A minor in speech and hearing science can provide a broad background for related careers such as medicine, education and neuroscience.

Graduates with this minor as a complement to their major are prepared to apply to most graduate programs in speech-language pathology, communication disorders or audiology.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/LASHSMIN/undergrad/true/91465
chs@asu.edu
480-965-2374

Statistics Minor (ASSTAMIN)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Description: Data is the lifeblood of decision-making, and the discipline of statistics focuses on how to gain insights from data. The minor program in statistics is intended for students in STEM majors who wish to significantly increase their grasp of statistics and probability at the upper-division level.

The core courses provide foundational skills in probability, the analysis of distributions and the most common methods of inference. Later, more advanced coursework allows for specialization in nonparametric regression, statistical computing, multivariate analysis or other specialized topics.

The completion of this minor program in statistics indicates to employers and graduate school admission committees that students have had significant training in the proper handling, analysis and interpretation of data.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in statistics consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
STP 281 Statistical Analysis for Researchers **or** STP 420 Introductory Applied Statistics (QTRS) If STP 281 is being applied toward a major requirement, a STP upper-division elective may be completed as a substitution.	C	3
STP 310 Design and Analysis of Experiments	C	3
STP 311 Regression and Time Series Analyses	C	3
Upper Division Statistics Electives	C	6
MAT 422 Mathematical Methods in Data Science		
STP 315 Statistical Computing		
STP 421 Probability		
STP 450 Nonparametric Statistics		
STP 451 Quality Improvement		
STP 452 Multivariate Statistics		
STP 460 Categorical Data Analysis		
STP 470 Predictive Analytics		

Requirement	Minimum Grade	Credit Hours
STP 494 Special Topics		
STP 499 Individualized Instruction		
Up to 3 credit hours of individualized instruction (499) may apply toward the statistics electives requirement.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in statistics

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Career opportunities

A minor in statistics is an excellent addition for students who are interested in data and data analytics. Graduates work in a variety of fields, including government, business, health care and technology.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASSTAMIN/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Statistics Minor (LASTAMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The minor in statistics is beneficial for students majoring in a variety of disciplines, such as the sciences, business, economics, engineering or any field where there is a need for quantification in the analysis of information.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in statistics requires a minimum of 18 credit hours, of which at least 12 hours must be completed at the upper-division level and at least six upper-division hours must be taken from The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Courses		
MAT 266 Calculus for Engineers II (MATH) **or** MAT 271 Calculus with Analytic Geometry II (MATH)	C	3 - 4
MAT 267 Calculus for Engineers III (MATH) **or** MAT 272 Calculus with Analytic Geometry III (MATH)	C	3 - 4
STP 420 Introductory Applied Statistics (QTRS)	C	3
STP 421 Probability STP 421 and STP 427 must be taken through The College of Liberal Arts and Sciences.	C	3
STP 427 Mathematical Statistics	C	3
STP 429 Applied Regression (QTRS)	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science and statistics; BS in data science; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Statistics is found in every pursuit that involves the collection or use of information, in areas as varied as marketing, sports statistics and medical research. Statistical analysis is essential to the fields of engineering, life sciences, business,

physics, economics and social sciences.

Graduates with a statistics minor have data interpretation and critical thinking skills that are in high demand, strengthening their resumes.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Stress Management, Mindfulness and Resilience Minor (PPSMMRMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The minor program in stress management, mindfulness and resilience provides students with extensive knowledge of integrative health practices, and with hands-on experience in which cutting-edge research is explored, advanced skills are developed, and a mindfulness practice is nurtured.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 15 credit hours, 12 of which must be at the upper-division level. A grade of "C" (2.00 on a 4.00 scale) or better must be earned for all courses in the minor. Students complete nine credit hours of required core courses and six credit hours of electives. At least 12 credit hours must be completed at ASU.		
Consider meeting with a Watts College undergraduate academic advisor prior to registration.		
Required Courses		
SWU 250 Stress Management Tools I (SOBE) **or** HCR 294 Topic: Fndns of Mindfulness and Resilience: Sci/Practice	C	3
SWU 349 Stress Management Tools II (SOBE)	C	3
SWU 350 Whole Person Health Across the Lifespan (SOBE) **or** HCR 394 Topic: Org. Mindfulness Leadership Success in Workplace Students pursuing the BA in community advocacy and social policy complete SWU 350 in their major, so they must complete HCR 394 topic "Organizational Mindfulness and Resilience: Leadership and Success in the Workplace" to fulfill the minor requirement.	C	3
Elective Courses		
Upper Division Electives	C	6
COM 452 Communication and the Art of Happiness		

Requirement	Minimum Grade	Credit Hours
EXW 302 Fundamentals of Wellness		
EXW 400 Stress Management for Wellness		
HCR 394 Topic: Org. Mindfulness Leadership Success in Workplace		
HEP 380 Body Image and Wellness		
HEP 443 Emotional Health and Interpersonal Relationships		
PSY 335 Positive Psychology		
PSY 494 Topic: Psychology of Mindfulness		
SWU 350 Whole Person Health Across the Lifespan (SOBE)		
SWU 351 Sustainable Living, Mindful Eating (SUST)		
SWU 350 or HCR 394 not used in required courses may be used to fulfill elective requirements. Students pursuing the BA in community advocacy and social policy may not use SWU 350 to fulfill minor electives.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: Students should consider meeting with a Watts College undergraduate advisor prior to enrolling in the minor to ensure an appropriate set of courses is taken.

SWU 350 is required for the Bachelor of Arts in community advocacy and social policy. If a student in this major pursues the minor, they must complete HCR 394 Topic: Organizational Mindfulness and Resilience: Leadership and Success in the Workplace for the minor in addition to SWU 350 for the major since there is no double-counting of credits permitted.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to work in wellness-focused roles or to bring these skills into their current major area of study. This program enhances skills in managing workplace stress, promoting well-being and improving employee engagement, making graduates a valuable asset in wellness-focused organizations.

Career examples include:

- corporate trainer
- human resources associate
- mental health support worker
- mindfulness educator
- wellness coach

Contact information

School of Social Work | UCENT 800
https://socialwork.asu.edu/programs/undergraduate/minors-certs
social.work@asu.edu
602-496-0800

Studio Art Minor (HISTARTMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Description: In the minor program in studio art, students can pursue their passion for art while strengthening academic preparation and developing skills that can assist them in their job search and career. Coursework delves into a wide variety of techniques and concepts, including printmaking, painting, drawing, photography and sculpture. The flexible curriculum allows students to create a course of study based on their individual interests --- they may concentrate on a select studio area or explore several. Minor programs within the arts and humanities offer different perspectives that are useful before and after graduation.

Curriculum

Requirement	Minimum Grade	Credit Hours
ARA 195 Art in My World (HUAD)	C	3
ART 107 Photography as Experience **or** ART 108 Digital Literacy for the Arts (QTRS) **or** ART 109 Making as Seeing and Thinking **or** ART 110 Drawing as Seeing and Thinking (HUAD)	C	3
Art Electives		
ARA Elective **or** **ART Elective**	C	3
Upper Division **ARA Elective** **or** Upper Division **ART Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: All BFA in art majors; BA in art (art studies)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art program, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to develop and broaden their intercultural sensitivity, communication skills and leadership ability, and challenges them to think differently. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere; they have the chance to look inside themselves in a way they haven't done before, growing their personal and professional self-confidence along the way.

Career opportunities

Graduates of the studio art minor are positioned to expand into any career path and develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in studio art can help students as they pursue careers in arts-related disciplines and industries.

Contact information

School of Art | CDS 101
https://art.asu.edu
herbergeradvising@asu.edu
480-965-4495

Sustainability Minor (SUSUSMIN)

College/School: College of Global Futures

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley, Online

Description: Students in the sustainability minor program learn about the concept of sustainability and how it may be used to develop solutions to pressing issues affecting society, organizations, the environment and the world.

The program introduces sustainability principles and contextualizes how sustainability can be applied to all academic disciplines and professional fields. Students explore the challenges of sustainability within human societies, economies, the environment, cultures and technology, all of which are in local, national and international contexts.

The minor is intended to draw from and inform almost any major offered by the university.

Curriculum

Requirement	Minimum Grade	Credit Hours
Core Requirements		
SOS 110 Building a Sustainable World (SUST)	C	3
SOS 111 Sustainable Cities (SUST)	C	3
SOS/SFS Electives		
Upper Division **SOS Elective** **or** Upper Division **SFS Elective**	C	9
SOS Elective **or** **SFS Elective**	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in business (sustainability); BA in interdisciplinary studies with a concentration in sustainability; BS in public service and public policy (sustainability); BA in sustainability; BS in sustainability; BS in sustainable food systems

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

A minor in sustainability enhances a graduate's career prospects across various fields including business, technology, science, education, government or the nonprofit sector. The transdisciplinary nature of this program equips graduates with valuable knowledge and skills that complement their bachelor's degree, setting them apart in a competitive job market.

This minor enables graduates to integrate sustainability principles into their chosen career path, addressing critical global issues related to economics, environment, policy, social dynamics, urban development and community well-being. Whether working on sustainable business strategies, environmentally conscious technology solutions or policy initiatives, graduates are well prepared to contribute positively to their organizations and society as a whole. By embracing sustainability, graduates not only enhance their employability but also become agents of change, championing a more sustainable and equitable future.

Contact information

School of Sustainability | WCPH 4th floor
https://schoolofsustainability.asu.edu/degrees-programs/minors/
cgfadvising@asu.edu
480-727-6963

Sustainable Food Systems Minor (GFSUSFSMIN)

College/School: College of Global Futures

Campus: Polytechnic, Tempe, Online

Description: Food and sustainability are becoming increasingly relevant issues to employers in fields across the public and private sectors. Food systems can be complex and particularly vulnerable to multiple threats. This minor program in sustainable food systems enables students to gain a general understanding of these complex systems and lays the groundwork for them to create positive change.

In two required courses, students learn the fundamentals of sustainable food systems and what shapes a sustainable plate. Students have the opportunity to take food systems electives from diverse academic units that are also addressing challenges to food system sustainability. This encourages students to cover a breadth of topics and perspectives related to food system issues such as sustainable agriculture, food justice and sovereignty, agriculture policy and governance, agribusiness, food systems leadership and food culture.

Students completing the minor have a strong orientation toward problem-solving and systems thinking and demonstrate proficiency in critical, analytical and creative thinking by developing, communicating and applying practical solutions to food sustainability challenges. Students are able to assess and analyze the role of culture and society in shaping food systems.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Core		
SFS 215 Fundamentals of Sustainable Food Systems (SUST)	C	3
SFS 216 The Sustainable Plate (SUST)	C	3
Culture and Ethics Electives		
Upper Division Culture and Ethics		
ASB 300 Food and Culture (SOBE)		
BIO 324 Environmental Ethics (SUST)		
GPH 314 Global Change (SUST)		
HSC 355 Eating for Lifelong Health (SOBE)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 353 The Western Diet	C	6
NTR 448 Community Nutrition		
PLB 302 Plants and Civilization		
PUP 498 Topic: Urban Food Systems		
SOS 327 Sustainable Food and Farms		
SOS 370 Ethics of Eating (SUST)		
SOS 498 Topic: Indigenizing Food Systems		
Science and Society Electives		
Upper Division Science and Society	C	6
ABS 434 Soil Ecology		
AGB 302 International Management and Agribusiness (GCSI)		
AGB 321 Agribusiness Sales and Marketing		

Requirement	Minimum Grade	Credit Hours
AGB 414 Food and Agribusiness Policy Issues		
AGB 452 Global Food and Agricultural Trade		
AGB 456 Food Product Innovation and Development		
BIO 320 Fundamentals of Ecology		
NTR 344 Nutrition Management and Leadership		
SOS 326 Sustainable Ecosystems		
SOS 328 Sustainability and Enterprise		
TDM 481 Sustainable Food Management in Tourism		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Any 498 courses must be taken with the topic indicated.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in sustainable food systems

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

A minor in sustainable food systems complements a variety of bachelor's degrees, expanding career opportunities related to food in sectors such as business, engineering, technology, science, nutrition, education and government.

Knowledge of sustainable food systems is applicable across diverse career paths, including agriculture, public health, community development and policy advocacy. Graduates with this minor become catalysts for positive change, fostering equity and sustainability in various fields. Whether it's promoting urban farming initiatives, enhancing consumer goods or shaping public health policies, their expertise stands out among job applicants.

By incorporating sustainable food systems into their education, students not only broaden their career horizons but also contribute to a more sustainable, equitable and healthier future. This minor equips graduates with invaluable skill sets that are relevant and impactful in many career contexts.

Contact information

School of Sustainability | WCPH 4th floor
https://schoolofsustainability.asu.edu/degrees-programs/minors/
cgfadvising@asu.edu
480-727-6963

Sustainable Tourism Minor (PPTDMSMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: Students in the sustainable tourism minor program gain innovative insights into finding practical solutions for more ethical and eco-friendly approaches to travel. Students learn basic concepts and theories of tourism development and management and how to identify the ways that tourism can contribute to sustainable development locally and globally.

Students with majors in sustainability, business and many others find this minor to be a beneficial supplement to their existing program.

Students may also have opportunities to complete a study abroad program.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires a total of 15 credit hours: 12 credit hours of required courses and one three-credit hour course from the list of electives.		
Required Courses		
TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
TDM 372 Tourism Planning	C	3

Requirement	Minimum Grade	Credit Hours
TDM 458 International Tourism (GCSI)	C	3
TDM 480 Sustainable Tourism	C	3
Elective Course		

Electives

TDM 448 Heritage and Cultural Tourism		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 481 Sustainable Food Management in Tourism	C	3
TDM 484 Internship		
TDM 494 Special Topics		

TDM 481 is offered spring semester only.

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Standards

15 hours of graded classroom coursework (no internship, no independent study).

Minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor.

Should be a junior to take 400-level courses.

No double counting of courses for a major and the minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in tourism development and management; BS in tourism development and management (sustainable tourism); BS in tourism development and management (resort and hotel leadership); BA in business (tourism); BS in tourism development and management (meeting and events)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may

be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. Graduates with a minor in sustainable tourism can find opportunities in diverse settings in a wide variety of industries, including hotel management and environmental and travel agencies.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Technical Communication Minor (LSTWCMIN)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Description: The minor program in technical communication provides a foundation in workplace-oriented communication skills that complement many majors, particularly those in engineering and other technical disciplines.

Students learn how to design, produce and manage professional texts, both print and digital, while they strengthen their technological skills.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in technical communication requires 18 credit hours, a minimum of which nine must be upper division. A grade of "C" or better is required for all courses in the minor.		
Required Courses		
TWC 150 Introduction to Technical Communication		3
TWC 201 Writing for Digital Media		3
TWC 311 Principles of Visual Communication		3
TWC 331 Fundamentals of Technical Editing		3
TWC 443 Grant & Proposal Writing **or** TWC 445 Content Strategy		3
Electives		
Electives		3
TWC 122 Introduction to Social Media		

Requirement	Minimum Grade	Credit Hours
TWC 214 Storytelling with Data		
TWC 260 Accessibility and Inclusion in Communication and User Experience		
TWC 305 Research in Technical Communication		
TWC 351 Copyright and Intellectual Property		
TWC 452 Information in the Digital Age		
TWC 484 Internship Note: No more than three credit hours of internship credit may be applied toward this minor.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (technical communication); BS in technical communication (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

The technical communication minor can benefit graduates of many degree programs when they pursue careers in web development, project management and instructional design, making them more competitive on their career path.

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu/tech-comm
CISA@asu.edu
480-727-1526

Technological Entrepreneurship and Management Minor (ESTEM2MIN)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Description: The minor in technological entrepreneurship and management is available to students who are interested in advancing ideas for new or improved products or services. Students learn the range of skills needed to develop new products, services and business models, and whole new industries.

The courses advance entrepreneurial and systems thinking and cover a wide variety of topics important to venture startups, such as creativity, entrepreneurship, innovation, global impact and systems thinking.

This minor is available as either an on-campus or a 100% online program.

Curriculum

Requirement	Minimum Grade	Credit Hours
FSE 301 Entrepreneurship and Value Creation **or** OMT 452 Intrapreneurship in Industrial Human Resource Management **or** TEM 301 Applied Social Entrepreneurship II	C	3
TEM 230 Creativity and Business Innovation **or** TEM 250 Design Methodology **or** FSE 181 Technological, Social, and Sustainable Systems (SUST)	C	3
TEM 431 Innovation Management	C	3
TMC 110 Understanding the Enterprise **or** TEM 201 Applied Social Entrepreneurship I	C	3
Upper Division **CEE Elective** **or** Upper Division **FSE Elective** **or** Upper Division **OMT Elective** **or** Upper Division **TEM Elective** **or** Upper Division **TMC Elective**	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in technological entrepreneurship and management; BAS in applied science (operations management); BS in business entrepreneurship

Other Enrollment Requirements: Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. The technological entrepreneurship and management minor prepares students for a wide variety of career possibilities. Examples include technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

Contact information

Tech Entrepreneurship & Mgmt | WANER 240
https://poly.engineering.asu.edu/tem/bs-in-technological-entrepreneurship-and-management/
polyadvising@asu.edu
480-727-1874

Technological Leadership Minor (LATECLDMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

This program is not accepting applications at this time.

Description: The minor program in technological leadership equips students with the skills needed to solve tomorrow's most pressing problems.

Through a series of engaging and hands-on courses, students learn how to recognize and describe unsolved problems in the fields of science and technology, and they practice implementing creative problem-solving techniques to design potential solutions to those problems.

Offered by the Interplanetary Initiative, this minor complements and enhances a student's major with key skills in interdisciplinary research, technology design and collaborative leadership.

Curriculum

Requirement	Minimum Grade	Credit Hours
The technological leadership minor consists of 18 credit hours, of which 12 credit hours must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses in the minor.		
Inquiry Requirements		
IPI 296 Interplanetary Inquiry	C	3

Requirement	Minimum Grade	Credit Hours
IPI 496 Advanced Interplanetary Inquiry	C	3
Making Electives		

Making Electives

AME 240 Introduction to Physical Computing		
AME 330 Digital-Physical Systems		
CSE 205 Object-Oriented Programming and Data Structures (QTRS)		
GIS 494 Topic: GIS Methods for Non-Majors		
IPI 241 Designing and Making (Electronics and Programming)		
IPI 341 Designing and Making (3D Printing and Fabrication)	C	3
IPI 460 Can NASA Stop Wildfires?		
SES 307 Space Works I: Design, Build, Test		
SES 407 Space Works II: Model, Fabricate, Test		
TWC 446 Technical and Scientific Reports		
WPC 300 Problem Solving and Actionable Analytics (QTRS)		

Requirement	Minimum Grade	Credit Hours
Upper Division Making Electives		
AME 330 Digital-Physical Systems		
GIS 494 Topic: GIS Methods for Non-Majors		
IPI 341 Designing and Making (3D Printing and Fabrication)		
IPI 460 Can NASA Stop Wildfires?	C	3
SES 307 Space Works I: Design, Build, Test		
SES 407 Space Works II: Model, Fabricate, Test		
TWC 446 Technical and Scientific Reports		
WPC 300 Problem Solving and Actionable Analytics (QTRS)		
Leadership Electives		
Upper Division Leadership Electives	C	6
ACC 382 Accounting and Financial Analysis		
CEL 350 Philosophy, Politics and Economics (SOBE)		
COM 453 Communication Training and Development		
FIS 308 Politics, Markets and Innovation (CIVI)		
FIS 334 Science, Technology and Inequality (GCSI)		
FIS 432 Problem Solving Through Strategic Thinking		
HDA 494 Topic: Generative Critique:The Critical Response Process		
HSE 428 Judgment and Decision Making		
MGT 380 Management and Strategy		
NLM 410 Social Entrepreneurship		
OGL 300 Theory and Practice of Leadership		
OGL 345 Organizational Ethics (HUAD)		

Requirement	Minimum Grade	Credit Hours
OGL 350 Diversity and Organizations (GCSI)		
PMG 320 Project Approaches		
PSY 302 The Psychology of Positive Leadership		
SOC 334 Technology and Society (SOBE)		
TEM 400 Technology Entrepreneurship		
TWC 443 Grant & Proposal Writing		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: Technological Leadership, BS

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

A minor in technological leadership supports students who are interested in emerging fields and careers that span multiple disciplines, such as:

academic research
business strategy
data analytics
engineering management
entrepreneurship
management consulting
product management
project management
systems engineering

technology transfer

Contact information

Dean, The College of Liberal Arts and Sciences | FULTN 110
https://interplanetary.asu.edu/learn
TechLeadership@asu.edu
602-496-1783

Theatre Minor (FATHEMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: Students pursuing the theatre minor study the literatures, histories and basic production practices of theatre while having opportunities to concentrate in an area such as:

• acting
• community engagement
• design and production
• directing
• dramatic literature
• dramaturgy
• new work development
• theatre history
• theatre for youth
• voice and movement

Curriculum

Requirement	Minimum Grade	Credit Hours
THF 101 Acting Introduction	C	3
THF 160 Introduction to Storytelling (HUAD)	C	3
THF 215 Design and Composition for Theatre and Film (HUAD)	C	3
THP 201 Theatre Production Crew	C	1
THE 320 History of the Theatre I (GCSI) **or** THE 321 History of the Theatre II (HUAD) **or** THE 322 Theatre History and Culture (HUAD) THE 320 is only offered in fall semesters. THE 321 is only offered in spring semesters.	C	3
Upper Division **THE Elective** **or** Upper Division **THF Elective** **or** Upper Division **THP Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this

minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: All theatre majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in theatre can help students as they pursue careers or further education in arts administration, teaching, law, fundraising management or marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
MDTAdmissions@asu.edu
480-965-5069

Theatre - Costume Design and Technology Minor (HITHCDTMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: This minor program in theatre with a focus in costume design and technology provides students with opportunities to hone their craft while creating exciting production work in the costume studio. The program provides each student with the distinct opportunity to explore their own creative process and to collaborate with artisans and professionals in the field while gaining practical, hands-on experience producing costumes.

The program offers specialty coursework in:

• costume construction
• costume design and technology
• digital fabrication
• fashion history
• media design and technology
• millinery
• nontraditional fabrication

In addition to building knowledge and skills, students in the program are mentored by professional designers and technicians to successfully transition from college to their future careers in entertainment design and production, or to graduate programs for additional training.

Curriculum

Requirement	Minimum Grade	Credit Hours
THF 160 Introduction to Storytelling (HUAD) **or** THF 220 Principles of Dramatic Analysis (HUAD)	C	3
THF 215 Design and Composition for Theatre and Film (HUAD)	C	3
THP 214 Introduction to Costuming	C	3
THP 330 Costume Design	C	3
Upper Division Electives		
THE 430 History of Fashion I (HUAD) THE 431 History of Fashion II: 20th-Century Fashion THP 301 Topic: Costume Construction THP 331 Costume Construction THP 333 Costume Crafts THP 394 Topic: Extravaganza: Liberace, A Life in Costume THP 401 Topic: Costume Construction THP 431 Advanced Costume Construction	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in theatre (design and production)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Global opportunities

Global experience: Study abroad can prepare a future professional in the arts not only with cultural experiences but also with professional skills like collaboration and problem-solving. Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side with an intercultural lens, encouraging them to build communication skills and challenging them, as artists, to think differently.

With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture distinctly different from their own. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere through a program that provides them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in costume design and technology can help graduates as they pursue careers in teaching, pattern making, costume design, first hand, shop management, set dressing, entrepreneurship, and aging and dyeing costumes.

Contact information

School of Music, Dance and Theatre | GHALL 212
https://musicdancetheatre.asu.edu
mdtadmissions@asu.edu
480-965-4206

Theatre - Sound Design and Technology Minor (HITHSDTMIN)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The minor program in theatre with a focus in sound design and technology provides students with the opportunity to develop their skills in the aural arts and technology for live entertainment. The program pairs in-depth training in the classroom with practical collaborative projects to further students' understanding of sound design and technology.

In addition to building knowledge and skills, students receive mentorship by professional designers and technicians to successfully transition from college to their future careers or to graduate programs for additional education.

Curriculum

Requirement			Minimum Grade	Credit Hours
Intro to Aural Communication				
DCE 226 Musical and Kinesthetic Communication in Dance Topic: Lighting, Sound, Media	**AND**	THP 301		
MUS 212 Music, Meaning and Imagination (HUAD)			C	3
THF 160 Introduction to Storytelling (HUAD)				
THF 215 Design and Composition for Theatre and Film (HUAD)				

Requirement	Minimum Grade	Credit Hours
Sonic Fundamentals		
THP 216 Stage Technology THP 350 Sound Design THP 352 Everyday Audio Editing (QTRS)	C	3
Upper Division Production Methods		
THP 301 Topic: Lighting, Sound, Media THP 401 Topic: Lighting, Sound, and Media THP 498 Topic: Sound Design	C	3
Upper Division Electives		
THP 352 Everyday Audio Editing (QTRS) THP 447 Vectorworks for Live Entertainment (QTRS) THP 453 Sound System Design and Engineering THP 494 Topic: Advanced Sound Technology THP 494 Topic: Designing & Mixing a Musical THP 494 Topic: Recording & Mixing Audio	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in theatre (design and production)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation.

Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Global opportunities

Global experience: Study abroad can prepare a future professional in the arts not only with cultural experiences but also with professional skills like collaboration and problem-solving. Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side with an intercultural lens, encouraging them to build communication skills and challenging them, as artists, to think differently.

With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere through a program that provides them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Graduates of the minor program have received an excellent foundation and in-depth training, allowing them to work in audio in any capacity within the performing arts or entertainment. They are poised to work as sound designers, mixers (for live or recorded audio), producers, technicians, recording engineers, live sound engineers, sound system designers and sound artists.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/undergraduate-certificates/majorinfo/HITHSDTMIN/undergrad/true/1242
mdtadmissions@asu.edu
480-965-5069

Tourism Development and Management Minor (PPTDMMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The minor program in tourism development and management provides students with the planning and development skills needed to enter the largest industry in the world. Exposure to the businesses of sustainable tourism, heritage tourism, and meeting and convention planning prepares students for successful careers in the fast-growing travel and tourism industry.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as business, communication and many others find this program a beneficial supplement to their existing program.

Students who have completed the minor program in tourism development and management may also complete a certificate in convention sales and meeting planning (https://degrees.apps.asu.edu/minors/major/ASU00/PPTDMCERT/convention-sales-and-meeting-planning).

Students also may choose to participate in a study abroad program.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in tourism development and management requires 15 credit hours: six credit hours of required core courses and nine credit hours of elective courses. Students must complete a minimum of nine upper-division credit hours.		
Required Courses		
TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
TDM 480 Sustainable Tourism	C	3
Elective Courses		
Electives		
CRD 350 Tourism, Recreation and Sports Marketing		
PRM 145 Special Events Management		
TDM 225 Introduction to Hotel, Resort and Lodging Management		
TDM 345 Meeting and Convention Planning		
TDM 386 Convention Sales and Management	C	3
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 483 Sports Tourism		
TDM 484 Internship		
TDM 494 Special Topics		
Upper Division Electives	C	6
CRD 350 Tourism, Recreation and Sports Marketing		
TDM 345 Meeting and Convention Planning		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		

Requirement	Minimum Grade	Credit Hours
TDM 483 Sports Tourism		
TDM 484 Internship		
TDM 494 Special Topics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Standards

15 hours of graded classroom coursework (no internship, no independent study).

Minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor.

Students should be a junior to take 400-level courses.

No double-counting of courses for a major and the minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in tourism development and management; BS in tourism development and management (sustainable tourism); BS in tourism development and management (resort and hotel leadership); BA in business (tourism); BS in tourism and recreation management

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

The minor program offers students opportunities to pursue a broad spectrum of careers in areas such as travel agencies and tour operations; front office, food and beverage, and room division departments; and recreation and leisure activity coordination. Students can find various opportunities to grow as hotel and spa managers; sales and marketing managers; and as organizers of festivals, sports, special events and conferences.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Transborder Chicana/o and Latina/o Studies Minor (LATCLMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the transborder Chicana/o and Latina/o studies minor program, students gain general knowledge from a comparative perspective about the Chicano and Latino populations in the United States and on the U.S.--Mexico border.

The core requirements focus on these populations' cultural, economic, sociological, historical, psychological and artistic experiences. For the remaining credit hours, students may select from courses in a variety of topics, including:

• community development
• diversity in education
• film and the media
• health issues
• immigration and migration
• language and bilingualism
• literature and performance
• politics and policy

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires 18 credit hours of coursework, of which at least 12 credit hours must be completed at the upper-division level. A grade of "C" (2.00) or better is required for all courses used toward the minor.		
Core Requirements		
TCL 201 Transborder Society and Culture I: Interdisciplinary Approaches (HUAD) **or** TCL 202 Transborder Society and Culture II: Contemporary Issues	C	3
TCL 331 Mexican American History to 1900 **or** HST 331 Mexican American History to 1900 **or** TCL 332 Mexican American History Since 1900 (GCSI) **or** HST 332 Mexican American History Since 1900 (GCSI)	C	3
Electives		
Upper Division **TCL Elective**	C	9
TCL Elective	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in transborder Chicana/o and Latina/o studies (all concentrations)

Other Enrollment Requirements: None

An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

The minor program in transborder Chicana/o and Latina/o studies prepares students to work with Chicano and Latino populations in many industries, including:

- business
- education (administration and teaching)
- film, media and the arts
- law
- local, state and national government agencies
- nonprofit organizations
- public affairs
- public health
- public policy and administration
- social work

Contact information

School of Transborder Studies | INTDSB 165
https://sts.asu.edu/
sts.undergrad@asu.edu
480-965-5091

Urban Planning Minor (ARPUPMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: Students who wish to gain a further understanding of their communities, from the neighborhood to the national level, can benefit from an urban planning minor. The program provides insights into how neighborhoods are created and the effects of neighborhood planning on residents.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor requires completion of 18 credit hours, of which at least 12 must be upper division. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
PUP 301 Introduction to Urban Planning	C	3
PUP Elective	C	6
Upper Division **PUP Elective**	C	9

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BSP in urban planning

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

The urban planning minor introduces students to the fields of urban, regional and environmental planning. Students in the minor program can explore the theories, methods and practices of many urban planning topics, including:

comprehensive planning
planning law
public policy formulation
site planning
socioeconomic and environmental analyses
sustainable planning
urban design

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/minor/urban-planning-minor

SGSUP.advising@asu.edu
480-965-7533

Wellness Foundations Minor (ECEXWMIN)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The wellness foundations minor is offered to students interested in learning about optimizing personal health and wellness. Students develop a greater understanding of the behavioral, social, cultural and environmental factors that impact our health. Students also learn how to make better personal lifestyle choices that may enhance individual well-being.

This program emphasizes a holistic approach to health and wellness. This minor serves as a foundational step toward obtaining national certifications for professional practice in fields of study related to health, health coaching, fitness or wellness.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in wellness foundations consists of 18 credit hours, of which at least 9 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
EXW 215 Resistance Training and Recovery Techniques **or** EXW 217 Cardiorespiratory and Flexibility Training	C	3
EXW 302 Fundamentals of Wellness	C	3
EXW 325 Fitness for Life	C	3
EXW 400 Stress Management for Wellness **or** HEP 380 Body Image and Wellness	C	3
NTR 100 Introduction to Nutrition Science **or** NTR 241 Human Nutrition	C	3
Elective	C	3
CHS 340 Health Theory		
EXW 335 Physical Activity and Physiological Concepts		
EXW 344 Impact of Physical Activity on Health and Disease		
EXW 400 Stress Management for Wellness **or** HEP 380 Body Image and Wellness		
EXW 425 Exercise Prescription for Health and Wellness		

Requirement	Minimum Grade	Credit Hours
EXW 450 Social Drivers of Health (CIVI)		
HSC 355 Eating for Lifelong Health (SOBE)		
NTR 345 Development of Healthy Cuisines		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 353 The Western Diet		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in clinical exercise science, BS in health sciences (healthy lifestyles and fitness science)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Graduates of this course of study have a greater understanding of and appreciation for how they can take control of their personal well-being and lead a healthier lifestyle.

Completion of this coursework provides practitioners who wish to take a more holistic approach to health and wellness with foundational knowledge necessary to promote greater health throughout the community.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/ECEXWMIN/undergrad/true/91465
chs@asu.edu
602-496-3300

Writing, Rhetorics and Literacies Minor (LAWRHLMIN)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the minor program in writing, rhetorics and literacies, students learn to create new knowledge and reason, and to read, write and act in robust and significant ways to meet the new challenges of the present and the

future.

Students study the ways in which communication creates knowledge and action, and how that communication is constructed, circulated, reacted to and repurposed through time and place. They explore the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The minor in writing, rhetorics and literacies consists of 18 credit hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by The College of Liberal Arts and Sciences. Courses must be completed with a grade of "C" (2.00 on a scale of 4.00) or better to satisfy minor requirements.		
Required Courses		
ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)	C	3
ENG 390 Methods of Inquiry	C	3
Directed Electives		
Upper Division Directed Electives		
ENG 391 Writing in Context	C	6
ENG 392 History of Rhetorical Theory (CIVI)		
ENG 393 Theories of Literacy		
Elective Minor Courses		
Upper Division Elective Minor Courses	C	6
ENG 301 Writing for the Professions		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 338 Protest Literature		
ENG 370 Science, Values, and the Public		
ENG 371 Rhetoric of the Environmental Movement		
ENG 409 Analyzing Rhetoric		

Requirement	Minimum Grade	Credit Hours
ENG 419 Writing for Podcasts		
ENG 472 Rhetorical Studies		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in English (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Minor requirements appear on the degree audit after the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor program. Courses taken for the minor may not count toward both the major and the minor.

Career opportunities

Minor programs enable students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in writing, rhetorics and literacies can benefit those who pursue careers in writing, editing or publishing.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

Youth Services Leadership Minor (HSYSLMIN)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: This minor program explores the area of youth services leadership from the perspective of those who work face-to-face with youth in a variety of settings.

It can supplement an existing degree program and expand a student's knowledge of youth services from a variety of perspectives.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Course		
PRM 203 Program Planning	C	3
Elective Courses		
Electives		
CDE 337 Early Childhood Intervention		
CDE 450 Childhood Disorders and Family Functioning		
CRD 302 Inclusive Community Development (SOBE)		
CRJ 204 Juvenile Justice		
CRJ 462 Gangs		
ECD 310 Applied Early Child Development		
ECD 312 Social/Emotional Foundations of Learning		
ECD 417 Arts Integration for Young Children		
JUS 477 Youth and Justice (SOBE)	C	3
MUE 311 Music in the Lives of Children and Youth (HUAD)		
MUS 215 Children, Creativity, Arts (HUAD)		
NLM 220 Introduction to Nonprofit Organizations		
NLM 310 Volunteer Management (CIVI)		
NLM 451 Grant Writing		
PRM 145 Special Events Management		
PRM 335 Sports and Recreation for Youth Development		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 455 Recreational Therapy and Play with Children, Youth and Families		
Upper Division Electives	C	9

Requirement	Minimum Grade	Credit Hours
CDE 337 Early Childhood Intervention		
CDE 450 Childhood Disorders and Family Functioning		
CRD 302 Inclusive Community Development (SOBE)		
CRJ 462 Gangs		
ECD 310 Applied Early Child Development		
ECD 312 Social/Emotional Foundations of Learning		
ECD 417 Arts Integration for Young Children		
JUS 477 Youth and Justice (SOBE)		
MUE 311 Music in the Lives of Children and Youth (HUAD)		
NLM 310 Volunteer Management (CIVI)		
NLM 451 Grant Writing		
PRM 335 Sports and Recreation for Youth Development		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 455 Recreational Therapy and Play with Children, Youth and Families		

Notes

Prerequisite courses may be needed in order to complete the requirements of this minor.

Standards

15 hours of graded classroom coursework (no internship, no independent study).

Minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor.

Students should be at least a junior to take 400-level courses.

No double counting of courses for a major and the minor.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in parks and recreation management (therapeutic recreation); BS in community sports management; BS in recreation therapy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their transcript at graduation. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

Minor programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors. A minor in youth services leadership can help students as they pursue careers in youth services or as family resource coordinators.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Undergraduate Programs

Undergraduate Certificates (Program Descriptions and Requirements)

Accountancy Certificate (BAACCCERT)

College/School: W. P. Carey School of Business

Campus: Online

Description: This postbaccalaureate certificate program in accountancy gives college graduates who have no prior background in accounting the necessary foundation and skills to pursue a career in accounting or business. The curriculum covers financial reporting, cost accounting, tax, audit and information systems topics, and it prepares graduates for a variety of professional opportunities.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 24 credit hours. A "C" minimum is required for all courses in the certificate, although students must maintain a 3.00 GPA in the post-baccalaureate certificate program.		
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ACC 340 External Reporting I	C	3
ACC 350 Internal Reporting	C	3
ACC 430 Taxes and Business Decisions	C	3
ACC 440 External Reporting II	C	3
ACC 444 Integrated Business Processes and Enabling Technologies	C	3
ACC 450 Principles of Auditing	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution with a GPA of 3.00 (scale is 4.00 = "A"). Individuals interested in this certificate must apply for university admission as nondegree-seeking graduate students.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Career opportunities

Graduates of this postbaccalaureate program are prepared for professional opportunities in auditing, taxation, corporate accounting and consulting roles across a wide variety of potential employers.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students who complete the certificate program satisfy the accounting education requirement to sit for the Certified Public Accountant exam in Arizona (and other states).

Students who have already earned an undergraduate degree in business satisfy Arizona's "other related courses" credit hour requirement, making them eligible to sit for the exam upon completion of the program. Students who do not already have an undergraduate degree in business will need to complete six 3 credit hour "other related courses" to be eligible to sit for the exam because additional hours in accounting and other related courses are required for certification. https://www.azaccountancy.gov/Certification/FAQs.aspx (https://www.azaccountancy.gov/Certification/FAQs.aspx)

The program also satisfies the educational requirements for Certified Management Accountant and Certified Global Management Accountant certification exams.

Contact information

School of Accountancy | BA 223Q
https://wpcarey.asu.edu/accounting-degrees
wpcareyacc@asu.edu
480-965-3631

Actuarial Science Certificate (LAACTCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Actuarial science is an area of mathematical and statistical science that requires expertise in specializations of probability and interest theory, coupled with a strong foundation in accounting, finance and economics.

This certificate program provides students with preparation for professional actuarial credentialing exams offered by the Society of Actuaries and the Casualty Actuarial Society.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires a minimum of 18 credit hours, of which at least 12 credit hours must be upper division. Specific minimum course grades are required for each		

Requirement	Minimum Grade	Credit Hours
course, see below.		
Required Courses		
ACT 201 Introduction to Elements and Techniques of Actuarial Science	B	3
ACT 410 Mathematics of Finance	B	3
ACT 415 Probability for Risk Management	B	3
ACT 440 Single Life Mortality **OR** ACT 450 Actuarial Models	C	3
Elective Courses **Upper Division Actuarial Science Certificate Electives** ACT 420 Ratemaking and Reserving ACT 430 Mathematics of Financial Derivatives ACT 435 Statistics for Risk Modeling ACT 440 Single Life Mortality ACT 441 Long-Term Actuarial Mathematics ACT 450 Actuarial Models ACT 451 Short-Term Actuarial Mathematics	C	6
A grade of "B" (3.00 on a 4.00 scale) or better is required in the following courses: ACT 420, ACT 430, ACT 435.		
A grade of "C" (2.00 on a 4.00 scale) or better is required in the following courses: ACT 440, ACT 441, ACT 450, ACT 451.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Although no specific degree is required for admission to the actuarial science certificate program, a strong mathematical background is essential (found in majors such as mathematics, statistics, engineering and natural sciences). Students with a major or degree other than those listed require additional preparation beyond the

certificate. Students are required to have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") and grades of "B" or better in multivariate calculus, linear algebra and introductory statistics courses at ASU or an equivalent institution.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify the proper mathematical and statistical theories that may be applied to analyze actuarial data and draw analytical conclusions in a professional environment
- Use mathematical and statistical theories to demonstrate mastery of analytical decision-making based on both qualitative and quantitative data.

Career opportunities

Risk is a part of daily life, and wherever there is risk, there are opportunities for actuarial intervention. Many actuaries calculate premiums at insurance companies, determine reserves needed to ensure an organization's financial health, and ensure that organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants.

Graduates with a certificate in actuarial science have skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy and environmental companies
- financial services
- government agencies
- insurance companies
- retirement and pension companies
- transportation companies

Graduates also can apply the advanced problem-solving skills learned in the actuarial science certificate program to a variety of other professional positions, including:

- analyst
- business operations specialist
- teacher

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu/
math@asu.edu
480-965-7195

African and African American Studies Certificate (LAAFRCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students in the certificate program in African and African American studies examine the culture, arts, history, politics, economics and current status of Africans, African Americans and the larger African diaspora, especially

in Central America, South America and the Caribbean.

The goal is to prepare students for lifelong learning, advanced study in a variety of fields, successful careers and productive public service in an increasingly diverse society.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate consists of 15 credit hours, at least 12 of which must be completed at the upper-division level. All courses used toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Core Course (choose one)		
AFR 200 Introduction to Africana Studies (GCSI) **or** AFR 210 Introduction to African American Studies	C	3
Required Elective Course (choose one)		
Upper Division Required Elective Course		
AFR 300 Precolonial Africa (GCSI)	C	3
AFR 301 Race and Racism in Africa/African Diaspora		
AFR 370 / FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
AFR 375 Race, Gender and Sport (SOBE)		
Elective Courses (choose three)		
Upper Division Elective Courses	C	9
AFR 336 / ASB 336 African Art		
AFR 340 The Making of Modern Africa		
AFR 345 / JUS 345 Peoples and Cultures of the Caribbean		
AFR 350 / APA 350 / CDE 350 / SOC 350 / TCL 360 / JUS 365 Inequality and Diversity in Education (CIVI)		
AFR 352 / APA 352 / JUS 353 Borders, Prisons and Suburbs		
AFR 353 / AMS 353 / ENG 353 / ETH 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
AFR 354 / AMS 354 / ENG 354 / ETH 354 African American Literature: Harlem		

Requirement	Minimum Grade	Credit Hours
Renaissance to the Present (HUAD)		
AFR 363 / HST 333 African American History to 1865 (AMIT)		
AFR 364 / HST 334 African American History Since 1865 (HUAD)		
AFR 365 / WST 364 Unruly Voices: Black Women and Cultural Narratives (HUAD)		
AFR 366 / ASB 366 African Archaeology: Precolonial Urban Culture		
AFR 372 / REL 362 / SGS 366 Islam and Islamic Societies in Africa: Social and Political History		
AFR 373 / REL 363 Islam and World Affairs		
AFR 420 / JUS 421 Race Ethnicity and Politics in the African Diaspora		
AFR 428 / APA 428 / JUS 428 Critical Race Theory		
AFR 459 / ENG 459 Studies in African American/Caribbean Literatures		
AFR 466 / ASB 466 Peoples and Cultures of Africa		
AFR 470 / WST 471 Women's International Human Rights		
AFR 480 / REL 461 / SGS 442 Different Voices Within Contemporary Islamic Discourse		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Other courses may be used with approval from an academic advisor in the School of Social Transformation.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct independent research exploring critical issues in and to the African diaspora.

- Analyze the ways in which race intersects with other social locations in shaping ideology, as well as social, political and cultural institutions.

Career opportunities

Students can advance their career options with an undergraduate certificate. By adding this specialization in African and African American studies as a complement to their major program of study, students become more attractive to employers.

Graduates who have completed this undergraduate certificate often decide to pursue employment in education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

American Indian Nation Governance Certificate (LAAIGVCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The undergraduate certificate program in American Indian nation governance offers students a comprehensive understanding of the governance structures, legal frameworks and cultural principles of Native American nations. This interdisciplinary program blends political science, law and Indigenous studies, equipping students to navigate the complexities of tribal governance.

Through focused courses, students explore topics such as tribal sovereignty, self-determination and the challenges faced by Indigenous communities. The curriculum emphasizes culturally informed governance and leadership roles within Native nations.

Students engage with Indigenous scholars and community leaders, gaining valuable applicable insights. This certificate enhances critical thinking, communication and cultural competency, preparing students to be valuable contributors to Indigenous organizations.

This program is perfect for those passionate about supporting Indigenous rights and fostering meaningful engagement with Native American governance systems.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in American Indian Nation governance requires completion of 15 credit hours (12 of which must be upper division and nine of which must be taken from The College of Liberal Arts and Sciences). All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Students complete six credit hours of American Indian studies (AIS) and six credit hours of political science (POS) coursework. An additional three credit hours are		

Requirement	Minimum Grade	Credit Hours
selected from the approved list of AIS and POS policy and applied courses, including an optional internship.		
AIS Core Courses		
AIS 180 Introduction to American Indian Studies (SOBE)	C	3
AIS 380 Contemporary Issues of American Indian Nations		
AIS 470 Tribal Governance		
Upper Division AIS Core Courses		
AIS 380 Contemporary Issues of American Indian Nations	C	3
AIS 470 Tribal Governance		
Upper Division POS Core Courses		
POS 310 American National Government (AMIT)	C	6
POS 325 Public Policy Development (CIVI)		
POS 346 Problems of Democracy (HUAD)		
POS 368 Ethics and Human Rights (GCSI)		
POS 370 Law and Society (CIVI)		
POS 439 Minority Group Politics in America		
Upper Division AIS or POS Policy and Applied Course	C	3
AIS 394 Topic: Reservation Economic Development		
AIS 445 American Indian Leadership and Resistance (CIVI)		
AIS 455 Human Rights and Cultural Resource Laws		
AIS 484 Internship		
AIS 494 Topic: American Indian and Indigenous Rights		

Requirement	Minimum Grade	Credit Hours
AIS 494 Topic: American Indian Rights		
AIS 498 Pro-Seminar		
POS 484 Internship		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Understand the role of government, governance, and key legal frameworks affecting Native American Nations.
- Evaluate a contemporary issue in tribal governance through course projects.

Career opportunities

This certificate prepares graduates for careers in public policy, social services, education and advocacy, enabling them to work effectively within or alongside Native American nations. Combining the certificate in American Indian nation governance with their major program of study prepares graduates to work with Indian nations, federal and state agencies, and nonprofit organizations, regardless of their academic major or final career path.

Contact information

American Indian Studies Program and School of Politics and Global Studies | DISCVRY 356
https://americanindian.asu.edu/degree/certificate/american-indian-nation-governance-certificate
AIS@asu.edu
480-965-3634

Analysis and Management of Insurance Risk Certificate (LAAMIRCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: Risk management is the identification, assessment and prioritization of risks and is followed by coordination and economic application of resources to minimize risk or maximize the realization of opportunity. This certificate program helps students become well-rounded assessors of risk who can monitor the probability and impact of unfortunate events.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours from the courses below, with the only required course being ACT 301. A grade of "C" (2.00 on a 4.00 scale) is required for all courses.		
Required Course		
ACT 301 Risk Management and Insurance (SOBE)	C	3
Elective Courses (choose four)		
Upper Division Analysis and Management of Insurance Risk Electives		
ACT 302 Fundamentals of Enterprise Risk Management		
ACT 320 Property and Casualty Insurance		
ACT 330 Life and Health Insurance	C	9
ACT 370 Software Tools for Business Analytics **or** DAT 301 Exploring Data in R and Python		
ACT 484 Internship		
Analysis and Management of Insurance Risk Electives		
ACT 201 Introduction to Elements and Techniques of Actuarial Science		
ACT 302 Fundamentals of Enterprise Risk Management		
ACT 320 Property and Casualty Insurance		
ACT 330 Life and Health Insurance	C	3
ACT 370 Software Tools for Business Analytics **or** DAT 301 Exploring Data in R and Python		
ACT 484 Internship		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students must hold a minimum GPA of 2.50 to pursue this certificate and must have completed the following prerequisite courses at ASU or an equivalent institution with a grade of "C" or higher (scale is 4.00 = "A"):

CIS 105 Computer Applications and Information Technology or equivalent
ECN 211 Macroeconomic Principles or ECN 212 Microeconomic Principles
MAT 210 Brief Calculus
STP 226 Elements of Statistics or ECN 221 Business Statistics

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student. Applicants should contact the unit for additional information.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze factors of risk to make informed assessments for insurance purposes.
- Use mathematical and statistical theories to demonstrate mastery of analytical decision-making based on both qualitative and quantitative data.

Career opportunities

Graduates with a certificate in analysis and management of insurance risk have skills that are transferable to any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy and environmental agencies
- financial services
- government agencies
- insurance companies
- retirement and pension companies
- transportation companies

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu/
math@asu.edu
480-965-7195

Applied Business Data Analytics Certificate (BABDACERT)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Description: The certificate program in applied business data analytics is for students who are interested in practical uses for computer-based tool suites that are capable of managing vast amounts of data. Students learn sophisticated but easy-to-use means of managing and analyzing such data. They leverage the tools for making good decisions about

projects, process designs and fundamental tasks.

Exposure to predictive analytics and modeling, big data techniques, and visualization provides significant insight into the advanced uses of the computer-based tools. Critical thinking is an important skill and mindset; it is needed to establish and evaluate evidence-based benchmarks in order to make good data decisions that lead to high-quality outcomes.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in applied business data analytics requires 18 credit hours with at least 12 upper division credit hours. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or higher.		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
CIS 308 Advanced Excel in Business	C	3
CIS 309 Business Process Management	C	3
CIS 310 Business Data Visualization	C	3
CIS 405 Business Intelligence	C	3
Any Statistics Course **or** CIS 313 Location Analytics in Business	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

ASU degree-seeking students
The applied business data analytics certificate is open to all ASU students.

Nondegree-seeking students
This certificate is available through the Pathways for the Future program (https://pff.asu.edu/). Applicants without a bachelor's degree are eligible to apply for and receive this certificate through the Pathways for the Futures program. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-applied-business-data-analytics/) for program descriptions and to request more information.

Career opportunities

Students can advance their career options with an undergraduate certificate. With this specialization as a complement to their major program of study, graduates are more attractive to future employers.

Graduates with this certificate often decide to pursue employment in management, business analysis or marketing. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of Information Systems | BAC 601
https://wpcarey.asu.edu/information-systems-degrees
wpcareyis@asu.edu
480-965-3252

Applied Cybersecurity Certificate (ASACSCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Polytechnic, Tempe, West Valley

Description: The applied cybersecurity certificate program enables students to build competencies in security operations, risk assessment, network security, and governmental and regulatory compliance in an interdisciplinary learning setting. Building on core skills that they bring with them from their majors, students practice dealing with cyber-threats and resolving issues from multiple perspectives.

The program is offered through a collaboration between the New College of Interdisciplinary Arts and Sciences, the Ira A. Fulton Schools of Engineering, and the W. P. Carey School of Business.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in applied cybersecurity consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. Students must complete courses from more than one subject to fulfill the certificate requirements. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
CSE 365 Information Assurance **or** IFT 202 Foundations of Information and Computer System Security	C	3
Upper Division Group A - Security Operations and Risk Management		
ACO 401 / CIS 401 Managing Cyber Risks in Enterprise Business Processes	C	3
ACO 461 Security Operations		
IFT 381 Information System Security		
Upper Division Group B - Systems and Network Security	C	3
ACO 431 Network Security		

Requirement	Minimum Grade	Credit Hours
CSE 466 Computer Systems Security		
CSE 468 Computer Network Security		
IFT 458 Middleware Programming and Database Security		
IFT 475 Security Analysis		
or **Upper Division Group C - Forensics/Cyber Crime**		
ACO 331 Network Forensics Analysis		
CSE 469 Computer and Network Forensics		
FOR 350 Digital Forensics		
IFT 482 Network Forensics		
Upper Division Group D - Policy		
ACO 351 Governance, Risk and Compliance	C	3
ACO 402 / CIS 402 Privacy, Ethics and Compliance Issues		
CSE 467 Data and Information Security		
IFT 483 Security Compliance for Information Technology		
Upper Division Group E - Project		
ACO 484 Internship **or** ACO 499 Individualized Instruction	C	3
CIS 440 Capstone in Information Systems		
CSE 485 Computer Science Capstone Project I **or** CSE 486 Computer Science Capstone Project II		
IFT 401 Information Technology Capstone		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

To enroll in this certificate program, students should have completed at least 45 credit hours in their declared major and have a cumulative GPA of 2.00 or higher.

Students should pay attention to the prerequisite courses needed for required certificate courses and complete them before enrolling in the certificate program.

The prerequisites for CSE 365 Information Assurance are: ACO 240, CIS 235, CIS 236, CSE 220 or CSE 240; and a pre- or corequisite of CSE 310.
The prerequisites for ACO 240 Introduction to Programming Languages are: ACO 102 or CSE 205, or a GIS major with GIS 222, or a software engineering graduate student.
The prerequisites for CIS 235 Introduction to Information Systems are: CIS 105, 200 or 220; and MAT 210, 211, 270 or 271.
The prerequisite for CSE 220 Programming for Computer Engineering is: CSE 205.
The prerequisites for CSE 240 Introduction to Programming Languages are: ACO 102 or CSE 205, or a GIS major with GIS 222, or a software engineering graduate student.
The prerequisites for IFT 202 Foundations of Information and Computer System Security are: IFT 101, IFT 103 and IFT 166.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This program is an ideal supplement for students interested in careers in cybersecurity in the private sector or within government agencies, such as the FBI, U.S. Department of Homeland Security, the National Security Agency and the U.S. Department of Defense. The certificate in applied cybersecurity provides a solid background for students interested in the following careers:

- chief information security officer
- cyber risk analyst
- information security engineer
- network security engineer
- security operations center analyst

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASACSCERT/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Applied Social Sciences Certificate (ASAPSSCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The certificate program in applied social sciences prepares students to apply social science tools to practical problems. Through collaboration, students develop case studies, engage in fieldwork, and learn how to apply

expert knowledge and communicate evidence. Working with stakeholders, students identify and solve problems, reform managerial structures and organizational systems, and drive social change.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in applied social sciences consists of 15 upper-division credit hours. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
SBS 304 Social Statistics I (QTRS) **or** SBS 404 Social Statistics II: Multivariate Analysis	C	3
SOC 331 Environmental Sociology (SUST)	C	3
Applied Social Science Electives		
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 394 / JHR 394 / POS 394 / SBS 394 / SOC 394 Special Topics		
ASB 484 / JHR 484 / POS 484 / SBS 484 / SOC 484 Internship		
ASB 492 / JHR 492 / POS 492 / SBS 492 / SOC 492 Honors Directed Study		
ASB 493 / JHR 493 / POS 493 / SBS 493 / SOC 493 Honors Thesis		
ASB 494 / JHR 494 / POS 494 / SBS 494 / SOC 494 Special Topics	C	3
ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499 Individualized Instruction		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
POS 150 Comparative Government (GCSI) **or** POS 350 Comparative Politics (GCSI)		
SOC 241 Modern Social Problems (SOBE)		
SOS 111 Sustainable Cities (SUST)		
Upper Division Applied Social Science Electives	C	3

Requirement	Minimum Grade	Credit Hours
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 394 / JHR 394 / POS 394 / SBS 394 / SOC 394 Special Topics		
ASB 484 / JHR 484 / POS 484 / SBS 484 / SOC 484 Internship		
ASB 492 / JHR 492 / POS 492 / SBS 492 / SOC 492 Honors Directed Study		
ASB 493 / JHR 493 / POS 493 / SBS 493 / SOC 493 Honors Thesis		
ASB 494 / JHR 494 / POS 494 / SBS 494 / SOC 494 Special Topics		
ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499 Individualized Instruction		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		

Upper Division Applied Project		
ASB 484 / JHR 484 / POS 484 / SBS 484 / SOC 484 Internship		
ASB 493 / JHR 493 / POS 493 / SBS 493 / SOC 493 Honors Thesis	C	3
ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499 Individualized Instruction		
ENG 484 / ETH 484 / JHR 484 Topic: Pen Project Prison Teaching		

Electives are not limited to the certificate elective list; students should see their academic advisor prior to enrollment. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Social and Behavioral Sciences to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate

certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

The certificate program is recommended for students with academic or career interests in human resources, administration, journalism, social work, business, and community and civic work, as well as politics, organizing and advocacy, public policy, education and sustainability. Graduates may find employment in positions such as:

- educator
- human resources manager or assistant
- recruiter
- research project manager
- research specialist
- social worker

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASAPSSCERT/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Arabic Studies Certificate (LAARBCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in Arabic studies provides students with skills that enable them to communicate effectively in Arabic in the four areas of language acquisition: listening, reading, speaking and writing.

Simultaneously, students gain broad knowledge and understanding of the culture, literature and traditions of the vast Arabic-speaking world. The program provides critically needed educational and cultural diversity that enriches students' undergraduate experiences and prepares them for life as employees and employers.

Graduate students in the humanities, natural sciences and social sciences who are seeking academic or professional careers also benefit from the program, given the demonstrably high need for graduates with knowledge of the Arabic language.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Arabic studies certificate requires students to complete 18 credit hours of upper-division coursework. A grade of "C" (2.00 on a 4.00 scale) or better is required for each course.		
Arabic Core (choose three)		
Upper Division Arabic Core Courses	C	9
ARB 311 Advanced Arabic Skills I		

Requirement	Minimum Grade	Credit Hours
ARB 321 Arabic Conversation I		
ARB 331 Arabic/Islamic Culture and Literature (GCSI)		
ARB 335 Arabic Culture and Islam (GCSI)		
ARB 341 Quran Text and Women (GCSI)		
ARB 352 Modern Arabic Literature in Translation		

Elective Courses (choose three)

Some courses can be used either as a core course or as an elective, but no course can be counted more than once toward certificate requirements.

Upper Division Elective Courses	C	9
ARB 321 Arabic Conversation I		
ARB 335 Arabic Culture and Islam (GCSI)		
ARB 336 Introduction to the Qur'an (GCSI)		
ARB 337 Hadith and Prophetic Tradition		
ARB 340 Arabic Translation		
ARB 341 Quran Text and Women (GCSI)		
ARB 351 Classical Arabic Literature		
ARB 352 Modern Arabic Literature in Translation		
ARB 360 Islamic Philosophical Literature		
ARB 421 Arabic Conversation II		
ARB 422 Advanced Arabic Media		
ARB 427 Arabic Prose: Reading the Arabian Nights		
ARB 428 Gender and Sexuality Discourse in the Middle East		
GCU 328 Geography of Middle East and North Africa (GCSI)		

Requirement	Minimum Grade	Credit Hours
HST 307 Studies in African History		
HST 372 Modern Middle East (GCSI)		
REL 365 Islamic Civilization (HUAD)		
REL 366 Islam in the Modern World (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Any student accepted into an appropriate degree program at ASU can declare the certificate in Arabic studies. Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. The student may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Effectively communicate at a conversational level of spoken Arabic and a high intermediate level of written Arabic.
- Synthesize literary concepts to apply them to research in literature, culture or language.

Career opportunities

Graduates who have combined the certificate in Arabic studies with their major program of study may be more marketable to employers. Many decide to pursue employment in education, political analysis, the military, tourism and hospitality, or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/arabic-studies-certificate
silcadvising@asu.edu
480-965-6281

Artificial Intelligence and Digital Media Certificate (HIAIDMCERT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The artificial intelligence and digital media certificate program focuses on the creative exploration of how new media, built on advances in AI and machine learning, influences the way people live, learn, create and communicate.

Pursuing the certificate enables students to enhance their program of study with integrated, transdisciplinary training in the use of AI in new media and its sociocultural implications. Students learn how to design and create new media as well as analyze existing media products in the world from a transdisciplinary perspective.

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that is increasingly shaped by new technologies.

Curriculum

Requirement	Minimum Grade	Credit Hours
AME 130 Prototyping Dreams **or** AME 230 Programming for the Media Arts (QTRS)	C	3
AME 400 Minds and Machines	C	3
AME 404 Reading the Algorithm	C	3
Upper Division Media Processing Electives		
AME 430 Mac Development for Media Arts	C	6
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
CPI 321 Fundamentals of Game Art		
CPI 411 Graphics for Games		
CPI 421 3-D Modeling and Texturing		
CPI 462 Design for Learning in Virtual Worlds		
SER 332 Introduction to Graphics and Game Development		
SER 431 Advanced Graphics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the awarding of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

There are several companies who hire in the space of augmented and virtual reality, image and video multimedia including Adobe, Dreamscape, NVIDIA, Disney and Intel.

According to the U.S. Bureau of Labor Statistics, employment of media and communication occupations is projected to grow about as fast as the average for all occupations from 2023 to 2033, which will result in about 27,600 new jobs. Demand for media and communication occupations is expected to arise from the need to create, edit, translate and disseminate information through a variety of different platforms. About 109,500 openings are projected each year, on average, in these occupations due to employment growth and the need to replace workers who leave the occupations permanently. The median annual wage for media and communication workers (such as public relations specialists, news analysts, and writers and authors) was $66,320 in May 2023, which was higher than the median annual wage for all occupations of $48,060. Media and communication equipment workers (such as broadcast technicians, film and video editors, and photographers) had a median annual wage of $53,850 in May 2023, which was higher than the median annual wage for all occupations.

Employment in computer and information technology occupations is projected to grow much faster than the average for all occupations from 2023 to 2033. About 356,700 openings are projected each year, on average, in these occupations due to employment growth and the need to replace workers who leave the occupations permanently. All these numbers show a promising future for graduates who develop the skills taught in this certificate program.

Example careers:

- augmented and virtual reality software developer
- computer animator
- data scientist
- graphics software developer
- machine learning engineer
- media and communications designer
- user experience and user interface designer

Contact information

The GAME School | STAUF-B 107
https://ame.asu.edu
ameed@asu.edu
480-965-9432

Arts Entrepreneurship Certificate (HITHAECERT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is not currently accepting applications for this program.

Description: Arts entrepreneurship is an emerging, transdisciplinary field that harnesses the skills and mindset of the entrepreneur to empower artists to create work that is meaningful, sustainable and oriented to community and market

need. Students across the disciplines of art, dance, design, film, music and theatre benefit from the business, marketing and organizational skills offered by certificate courses as applied specifically to and within the arts.

Curriculum

Requirement	Minimum Grade	Credit Hours
HDA 252 Foundations Arts and Design Entrepreneurship	B	3
Upper Division Arts Business Course		
ARA 396 Professional Practices for Design and the Arts	C	6
ARA 460 Gallery Exhibitions		
DSC 394 Topic: Design Entrepreneurship & Society		
ENT 305 Principles of Entrepreneurship		
FMP 417 Business and Legal Practices in Entertainment		
HDA 420 Design and the Arts Business Administration		
MUP 438 The Enterprising Artist		
NLM 451 Grant Writing		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		
Upper Division Arts Policy, Community or Social Engaged Arts Courses	C	6
ARS 441 Public Art		
ART 442 Art and Community		
DCE 494 / HDA 494 / THP 494 Topic: The Atlas of Creative Tools		
DSC 494 Topic: Indigenous Architecture, Planning and Construction		
DSC 494 Topic: Indigenous Project Delivery		
EDS 301 Sustainable Community Design and Practices (SUST)		
HDA 310 Socially Engaged Practice		

Requirement	Minimum Grade	Credit Hours
HDA 394 Topic: Disrupt, Create, Sustain		
HDA 494 Topic: Civ Prac: Artists&Designers Collaborating/Comm		
HDA 494 Topic: Civic Body: Art and Public Health		
HDA 494 Topic: Civic Practice:Arts/Design & Public Partnerships		
HDA 494 Topic: Creative Project Management		
MUP 439 Performing Arts Product Creation and Development		
THP 482 Theatre for Social Change (CIVI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The certificate in arts entrepreneurship, meant to extend the study of an individual arts discipline, is available only to current students with a major within the Herberger Institute for Design and the Arts.

Students must have an overall GPA of 3.00 or higher and must submit an application to the Herberger Institute Office of Student Success. Institute students who meet the course and GPA requirements may enroll in the certificate program. A school advisor will add the certificate plan code to the student's record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design a business model appropriate to a specific arts discipline.
- Design effective artistic products.

Career opportunities

The certificate program in arts entrepreneurship provides an excellent foundation for those who want to work in arts management and provides each student the unique opportunity to explore their own creative process and enhance their ability to collaborate with others. Additionally, the program's liberal arts emphasis prepares students for a variety of careers.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/

mdtadmissions@asu.edu
480-965-5069

Arts and Humanities in Games Certificate (ASAHGCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The certificate program in arts and humanities in games trains students to design, create and analyze games from holistic and interdisciplinary perspectives and to understand the utilization, consumption and impact of games in a diverse culture and society.

The goal is to make students' minds more supple, critical in thinking and expansive through an interdisciplinary approach that encompasses the design, development and qualitative study of toys and games. The interdisciplinary approach helps students understand the impact of play on human mental, emotional and social growth.

This program, through foregrounding arts and humanities in the study of games, provides a complementary approach to the technically based study of games offered by the Ira A. Fulton Schools of Engineering.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in arts and humanities in games consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Foundational Course		
IAP 220 Games, Culture and Aesthetics (GCSI)	C	3
Game Emphasis Area		
Game Sound Emphasis	C	9
Required courses (complete both):		
IAP 362 Games and Narratology		
IAP 421 Composition: Process, Technique and Style **or** IAP 469 Advanced Audio Production		
Elective (complete one):		
IAP 322 Multitrack Digital Recording		
IAP 325 Sound Performance: Exploring Alternative Performance Groups		

Requirement	Minimum Grade	Credit Hours
OR **Game Writing Emphasis**		
Required courses (complete both):		
IAP 362 Games and Narratology		
IAP 494 Topic: Scriptwriting for Games		
Elective (complete one):		
ENG 379 Travel Writing		
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
IAP 222 Games and Ethics (HUAD)		
IAP 368 Digital Graphic Technologies		
IAP 462 Games and Play (SOBE)		
OR **Toys and Game Culture Emphasis**		
Required courses (complete both):		
IAP 222 Games and Ethics (HUAD)		
IAP 462 Games and Play (SOBE)		
Elective (complete one):		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 324 Rhetoric and Media Criticism		
COM 416 Gender and Race in the Media		
COM 429 Visual Communication and Semiotics		
ENG 449 Masculinities, Femininities and Literacies		
IAP 464 Media and Diversity (HUAD)		
IAP 494 Topic: Cyberfeminist Cultural Production		

Requirement	Minimum Grade	Credit Hours
OR **Toys and Games as Works of Art Emphasis**		
Required courses (complete both):		
IAP 362 Games and Narratology		
IAP 462 Games and Play (SOBE)		
Elective (complete one):		
IAP 352 Seeing and Drawing		
IAP 354 Visual Representation		
IAP 366 3D Modeling and Media Literacy (HUAD)		
IAP 368 Digital Graphic Technologies		
Students select and complete one emphasis area (comprised of two required courses and one elective course). At least six hours must be upper division.		
Portfolio		
IAP 495 Playworks Capstone I	C	3
IAP 496 Playworks Capstone II	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

The certificate in arts and humanities in games is appropriate for students who are seeking employment as:

- artists
- board game designers
- game archivists and librarians

- game curators
- game sound designers
- game writers
- multimedia artists
- narrative designers
- video game designers

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASAHGCERT/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Arts in Education Certificate (HIAEDCERT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The certificate program in arts in education is specifically designed for prospective preK--8 educators and recreation specialists who wish to enhance their facilitation practices by developing the skills they need to use the arts throughout their programming and curriculum.

This certificate program does not lead to any official teaching certificate or endorsement through Arizona Department of Education. Instead, it is designed to help educators use the arts in their regular teaching practice.

By weaving together the principles and practices of the arts and other disciplinary curricula, teachers can create rich and engaging environments that enhance student learning, capitalizing on the critical thinking, communication, collaboration and creativity inherent in the arts and arts experiences.

Curriculum

Requirement	Minimum Grade	Credit Hours
Core Courses		
Arts in Education Core	C	3
ARA 311 Art Appreciation and Human Development		
ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the Everyday		
ARE Elective		
DCE 350 Dance in the Classroom: Learning Through Movement		
DCE 354 Creative Approaches to Teaching Dance I		
MUE 310 Music in Early Childhood (HUAD)		
MUE 311 Music in the Lives of Children and Youth (HUAD)		

Requirement	Minimum Grade	Credit Hours
MUE Elective		
MUS 211 Dance, Music and Meaning (HUAD)		
MUS 212 Music, Meaning and Imagination (HUAD)		
MUS 215 Children, Creativity, Arts (HUAD)		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 411 Methods of Teaching Drama		

Upper Division Arts in Education Core

ARA 311 Art Appreciation and Human Development		
ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the Everyday		
ARE Elective		
DCE 350 Dance in the Classroom: Learning Through Movement		
DCE 354 Creative Approaches to Teaching Dance I	C	3
MUE 310 Music in Early Childhood (HUAD)		
MUE 311 Music in the Lives of Children and Youth (HUAD)		
MUE Elective		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 411 Methods of Teaching Drama		

Other courses which engage in the teaching or learning of creative disciplines may be petitioned to apply.

Track Courses

Students select one track below and complete 12 credits from that track.

Track Option 1: Educators/Education Majors - This track is intended for educators or education majors seeking to gain more exposure to creative arts disciplines and/or

Requirement	Minimum Grade	Credit Hours
teaching in the creative arts disciplines.		
Track Option 2: Creatives/Artists - This track is intended for creatives/artists seeking to gain more exposure to teaching and learning in the creative arts disciplines.		
Track Option 1: Educators/Education Majors	C	3
AME 111 Introduction to Digital Culture (QTRS)		
ARA 195 Art in My World (HUAD)		
ARA 311 Art Appreciation and Human Development		
ARC 111 Architecture of Architecture I		
ARC 112 Architecture of Architecture II		
ARC 330 World and Western Architecture for Nonmajors		
ARC 432 Architecture History		
ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the Everyday		
ARE 494 Special Topics		
ARE Elective		
ARS 300 Introduction to Art (HUAD)		
ART 109 Making as Seeing and Thinking		
ART 110 Drawing as Seeing and Thinking (HUAD)		
DCE 100 Introduction to Dance (HUAD)		
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 303 The Body Condition(ed) (SOBE)		
DCE 350 Dance in the Classroom: Learning Through Movement		
DCE 354 Creative Approaches to Teaching Dance I		

Requirement	Minimum Grade	Credit Hours
DCE 402 Ethnography of Dance Practices (HUAD)		
DCE 404 Dance and Ethics (CIVI)		
DCE 405 Writing the Creating Body (HUAD)		
DSC 494 Topic: Basic Model Making Techniques		
DSC 494 Topic: Cold Casting and Mold Making for Modeling		
DSC 494 Topic: Finishes		
EDS 200 Design Literacy and Communication		
EDS 223 Design Thinking		
EDS 301 Sustainable Community Design and Practices (SUST)		
FMP 180 Principles of Production Technology		
FMP 210 Principles of Creative Producing		
FMP 255 Media Authorship (QTRS)		
FMP 300 Short Film Production		
FMP 340 Approaches to International Cinema (GCSI)		
FMP 405 Film and Television: Pioneers, Practices and Innovations		
MUE 310 Music in Early Childhood (HUAD)		
MUE 311 Music in the Lives of Children and Youth (HUAD)		
MUE 494 Special Topics		
MUE Elective		
MUP 442 Instrumental Ensembles		
MUP 443 Choral Ensembles		
MUP 444 Maroon and Gold Concert Band		
MUP 450 Choral Union		

Requirement	Minimum Grade	Credit Hours
MUP 457 Sol Singers		
MUP 459 Barrett Choir		
MUP 489 Ethnomusicology Ensembles		
MUS 210 The Arts Around Us (HUAD)		
MUS 211 Dance, Music and Meaning (HUAD)		
MUS 212 Music, Meaning and Imagination (HUAD)		
MUS 215 Children, Creativity, Arts (HUAD)		
MUS 294 Special Topics		
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)		
MUS 347 Jazz in America (HUAD)		
MUS 354 Popular Music		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 494 Special Topics		
THE 320 History of the Theatre I (GCSI)		
THE 321 History of the Theatre II (HUAD)		
THE 322 Theatre History and Culture (HUAD)		
THE 480 Methods of Teaching Theatre		
THF 101 Acting Introduction		
THF 160 Introduction to Storytelling (HUAD)		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 411 Methods of Teaching Drama		

Requirement	Minimum Grade	Credit Hours
THP 482 Theatre for Social Change (CIVI)		

OR

Track Option 2: Creatives/Artists

ARA 311 Art Appreciation and Human Development		
ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the Everyday		
ARE Elective		
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 350 Dance in the Classroom: Learning Through Movement		
DCE 354 Creative Approaches to Teaching Dance I		
DCE 402 Ethnography of Dance Practices (HUAD)		
DCE 405 Writing the Creating Body (HUAD)		
ECD 417 Arts Integration for Young Children		
MUE 310 Music in Early Childhood (HUAD)		
MUE 311 Music in the Lives of Children and Youth (HUAD)		
MUE 319 Digital and Hybrid Lab		
MUE 494 Special Topics		
MUE Elective		
MUS 211 Dance, Music and Meaning (HUAD)		
MUS 212 Music, Meaning and Imagination (HUAD)		
MUS 215 Children, Creativity, Arts (HUAD)		
SPE 222 Orientation to Education of Exceptional Children (CIVI)		
TEL 315 Child and Adolescent Development		

Requirement	Minimum Grade	Credit Hours
TEL 317 Instructional Thought and Action: Learning Environment and Management		
THE 322 Theatre History and Culture (HUAD)		
THE 480 Methods of Teaching Theatre		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 411 Methods of Teaching Drama		
THP 482 Theatre for Social Change (CIVI)		
Upper Division Track Option 1: Educators/Education Majors	C	9
ARA 311 Art Appreciation and Human Development		
ARC 330 World and Western Architecture for Nonmajors		
ARC 432 Architecture History		
ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the Everyday		
ARE 494 Special Topics		
ARE Elective		
ARS 300 Introduction to Art (HUAD)		
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 303 The Body Condition(ed) (SOBE)		
DCE 350 Dance in the Classroom: Learning Through Movement		
DCE 354 Creative Approaches to Teaching Dance I		
DCE 402 Ethnography of Dance Practices (HUAD)		
DCE 404 Dance and Ethics (CIVI)		
DCE 405 Writing the Creating Body (HUAD)		

Requirement	Minimum Grade	Credit Hours
DSC 494 Topic: Basic Model Making Techniques		
DSC 494 Topic: Cold Casting and Mold Making for Modeling		
DSC 494 Topic: Finishes		
EDS 301 Sustainable Community Design and Practices (SUST)		
FMP 300 Short Film Production		
FMP 340 Approaches to International Cinema (GCSI)		
FMP 405 Film and Television: Pioneers, Practices and Innovations		
MUE 310 Music in Early Childhood (HUAD)		
MUE 311 Music in the Lives of Children and Youth (HUAD)		
MUE 494 Special Topics		
MUE Elective		
MUP 442 Instrumental Ensembles		
MUP 443 Choral Ensembles		
MUP 444 Maroon and Gold Concert Band		
MUP 450 Choral Union		
MUP 457 Sol Singers		
MUP 459 Barrett Choir		
MUP 489 Ethnomusicology Ensembles		
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)		
MUS 347 Jazz in America (HUAD)		
MUS 354 Popular Music		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		

Requirement	Minimum Grade	Credit Hours
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 494 Special Topics		
THE 320 History of the Theatre I (GCSI)		
THE 321 History of the Theatre II (HUAD)		
THE 322 Theatre History and Culture (HUAD)		
THE 480 Methods of Teaching Theatre		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 411 Methods of Teaching Drama		
THP 482 Theatre for Social Change (CIVI)		
OR **Upper Division Track Option 2: Creatives/Artists**		
ARA 311 Art Appreciation and Human Development		
ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the Everyday		
ARE Elective		
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 350 Dance in the Classroom: Learning Through Movement		
DCE 354 Creative Approaches to Teaching Dance I		
DCE 402 Ethnography of Dance Practices (HUAD)		
DCE 405 Writing the Creating Body (HUAD)		
ECD 417 Arts Integration for Young Children		
MUE 310 Music in Early Childhood (HUAD)		
MUE 311 Music in the Lives of Children and Youth (HUAD)		

Requirement	Minimum Grade	Credit Hours
MUE 319 Digital and Hybrid Lab		
MUE 494 Special Topics		
MUE Elective		
TEL 315 Child and Adolescent Development		
TEL 317 Instructional Thought and Action: Learning Environment and Management		
THE 322 Theatre History and Culture (HUAD)		
THE 480 Methods of Teaching Theatre		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 411 Methods of Teaching Drama		
THP 482 Theatre for Social Change (CIVI)		

Some courses are fewer than three credit hours and may be repeated for credit.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This program adds richness and depth to a student's program of study and is applicable to multiple careers, including:

community engagement
dementia care
education and teaching
nursing
recreation

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Dean, Herberger Institute for Design and the Arts | CDS 101

https://herbergerinstitute.asu.edu
HerbergerAdmissions@asu.edu
480-965-4495

Asian Pacific American Studies Certificate (LAAPACERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The Asian Pacific American studies certificate program educates students in social justice, the global causes and impacts of Asian and Pacific Islander migration, relational and comparative racial formations, and ethnic studies movements that have made and continue to make a difference in society for all people.

Topics include diaspora, globalization, U.S. imperialism and settler colonialism, social networks, immigration, interracial and interethnic relations, and the health and well-being of Asian Pacific American families and communities. Students in the program have the opportunity to work with dedicated faculty who are committed to community-engaged research and student-centered learning.

The program is housed in ASU's interdisciplinary School of Social Transformation, the only school of its kind in the United States.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate consists of 18 credit hours, of which at least 12 must be completed at the upper-division level. Nine credit hours of core coursework are required and the remaining nine credit hours are selected from any course with an APA subject. At least nine credit hours must be taken in residency at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Core Courses		
APA 200 Introduction to Asian Pacific American Studies (SOBE)	C	3
APA 360 Asian Pacific American Experience One APA 360 course is required for the core. The course may be repeated for credit with different topics: Chinese Americans; Filipinx Americans; Japanese Americans; Multiracial; Pacific Islander.	C	3
APA 484 Internship **or** SST 484 Internship APA 484/SST 484 Internship requires department consent prior to registering for the course. Visit https://sst.asu.edu/internships to get started.	C	3
Elective Courses		
APA Elective	C	3
Upper Division **APA Elective**	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will perform critical analysis of a historical or contemporary issue affecting the Asian Pacific American population drawing upon key concepts in the field of Asian Pacific American studies.
Students will be able to summarize a range of Asian American and Pacific Islander experiences and communities within local, national and global contexts.

Career opportunities

Graduates who have combined the certificate in Asian Pacific American studies with their major program of study may be more marketable to employers. They often pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Asian Studies Certificate (LAASNCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The Asian studies certificate program supplements a bachelor's degree. Students acquire knowledge of a language relevant to the study of Asia as well as general knowledge of Asian history, art, culture and society.

Graduates have official transcript recognition of specialization in Asian studies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 24 credit hours of approved coursework, in addition to proficiency in a language relevant to the study of Asia. Fifteen credit hours of upper-division area studies coursework must be chosen from at least four different disciplines, e.g., language and cultures, history, religious studies, anthropology, geography, political science, global studies, art and music. Courses from other		

Requirement	Minimum Grade	Credit Hours
disciplines may be used by approval. The remaining nine credit hours may be chosen in any combination.		
At least six upper-division hours in the certificate must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course that is used to fulfill the certificate requirements.		
Disciplinary Electives	C	9
AFRICAN AND AFRICAN-AMERICAN STUDIES		
AFR 373 Islam and World Affairs		
ANTHROPOLOGY		
ASB 325 Peoples of Southeast Asia		
ART HISTORY		
ARS 201 Art of Asia (GCSI)		
ARS 394 Topic: Anime		
ARS 394 Topic: Modern and Contemporary Chinese Art		
ARS 444 Films of India		
ARS 472 Art of China (HUAD)		
ARS 473 Art of Japan (HUAD)		
ARS 475 Chinese Painting		
CIVIC AND ECONOMIC THOUGHT AND LEADERSHIP		
CEL 395 Leadership and Service Global Intensive Experience: India		
CEL 494 Topic: Political Thought: Islam, Hinduism, Confucianism		
CULTURAL GEOGRAPHY		
GCU 240 Introduction to Southeast Asia		
GCU 326 Geography of Asia		

Requirement	Minimum Grade	Credit Hours
GCU 432 Geography of China		
GCU 433 Geography of Southeast Asia		
DANCE		
DCE 114 Dances of India I		
DCE 116 T'ai Chi Chuan I		
DCE 194 Topic: Intro to Chinese Classical Dance		
DCE 216 T'ai Chi Ch'uan II		
ENGLISH		
ENG 466 Topic: Studio Ghibli Films		
FILM AND MEDIA STUDIES		
FMS 426 Films of India		
GLOBAL STUDIES		
SGS 240 Introduction to Southeast Asia		
SGS 245 Introduction to India and South Asia		
SGS 381 Modern Southeast Asia		
HISTORY		
HST 108 Introduction to Japan		
HST 111 Introduction to Asia (GCSI)		
HST 240 Introduction to Southeast Asia		
HST 245 Introduction to India and South Asia		
HST 302 Topic: Envisioning Peace		
HST 302 Topic: Women, War and Peace		
HST 303 Studies in Asian History		

Requirement	Minimum Grade	Credit Hours
HST 336 Islamic Civilization (HUAD)		
HST 339 Islam in the Modern World (GCSI)		
HST 383 China		
HST 384 Modern China: 1700 to the Present		
HST 386 Interpreting China's Classics		
HST 387 Japan		
HST 388 Japan		
HST 391 Modern Southeast Asia		
HST 392 Modern India		
HST 394 Topic: Pakistan, India, and Afghanistan: Peace Challenges		
HST 396 Islam and Politics (CIVI)		
HST 456 The Vietnam War (HUAD)		
LANGUAGE AND CULTURES		
CHI 120 / SLC 120 Introduction to Chinese Culture (HUAD)		
CHI 205 Chinese Calligraphy		
CHI 294 / SLC 294 Topic: Chinese Ghost Stories		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
CHI 333 / SLC 333 China		
CHI 336 / SLC 336 Interpreting China's Classics		
CHI 338 Daode Jing: Way to the West		

Requirement	Minimum Grade	Credit Hours
CHI 343 Daoism (HUAD)		
CHI 345 Chinese Film and Civilization		
CHI 346 Chinese Religions (GCSI)		
CHI 348 Pathways into Chinese Culture		
CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film		
CHI 394 / SLC 394 Topic: Labor & the Environment in Chinese Writing		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		
CHI 470 Modern Chinese Literature and Culture		
JPN 115 Japanese Popular Culture: Anime, Manga and Film (GCSI)		
JPN 315 The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis		
JPN 316 The Language of Japanese Popular Culture II: Honorifics and Dialects		
JPN 333 Japanese Civilization from the Ice Age to Last Thursday		
JPN 354 / SLC 354 Zen and Japanese Culture		
JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)		
JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)		
JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan		
JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan		
JPN 401 Reading Modern Japanese Texts (GCSI)		
JPN 414 Introduction to Classical Japanese		
JPN 415 Advanced Classical Japanese		
JPN 421 / SLC 421 Japanese Literature in Translation		
JPN 424 / SLC 424 The Art of the Ninja		

Requirement	Minimum Grade	Credit Hours
JPN 430 / SLC 430 Buddhist Meditation in East Asia		
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 485 Japanese Literature and the Art of Translation		
JPN 494 / SLC 494 Topic: Film and Religion in Japan		
KOR 250 Korean Culture and Society		
KOR 321 / SLC 321 Modern Korean Literature		
KOR 347 Korean Film and Literature (HUAD)		
KOR 350 Women of Korea		
KOR 354 Religions of Korea		
KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)		
KOR 415 / SLC 415 Korean Popular Culture		
KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)		
KOR 457 / SLC 457 Premodern Korea in a Global Context		
SLC 245 Introduction to India and South Asia		
SLC 294 / VTN 294 Topic: Vietnam: Beyond the War		
SLC 334 Modern China: 1700 to the Present		
SLC 494 Topic: Religions and Conflicts in Southeast Asia		
SLC 498 Topic: Chinese Flagship		
VTN 321 Advanced Vietnamese and Literature I		
VTN 322 Advanced Vietnamese and Literature II		
MUSIC		
MUP 489 Topic: Gamelan		
POLITICAL SCIENCE		

Requirement	Minimum Grade	Credit Hours
POS 240 Introduction to Southeast Asia		
POS 245 Introduction to India and South Asia		
POS 357 South Asia Politics		
POS 358 Southeast Asia		
POS 452 China		
POS 468 Comparative Asian Foreign Policies		
RELIGIOUS STUDIES		
REL 111 Introduction to Asia (GCSI)		
REL 240 Introduction to Southeast Asia		
REL 245 Introduction to India and South Asia		
REL 338 Daode Jing: Way to the West		
REL 343 Daoism (HUAD)		
REL 345 Asian Religious Traditions		
REL 346 Chinese Religions (GCSI)		
REL 347 Religions of India		
REL 348 Religion and Culture in Southeast Asia		
REL 350 Hinduism (GCSI)		
REL 351 Buddhism (GCSI)		
REL 352 Modern Buddhism		
REL 353 Zen and Japanese Culture		
REL 354 Religions of Korea		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 363 Islam and World Affairs		

Requirement	Minimum Grade	Credit Hours
REL 364 Islam in Eurasia and Central Asia		
REL 365 Islamic Civilization (HUAD)		
REL 366 Islam in the Modern World (GCSI)		
REL 367 Religion, Philosophy and Culture in Japan (GCSI)		
REL 394 Topic: Art & Religion in Jain Culture		
REL 396 Islam and Politics (CIVI)		
Upper Division Disciplinary Electives	C	15
AFRICAN AND AFRICAN-AMERICAN STUDIES		
AFR 373 Islam and World Affairs		
ANTHROPOLOGY		
ASB 325 Peoples of Southeast Asia		
ART HISTORY		
ARS 394 Topic: Anime		
ARS 394 Topic: Modern and Contemporary Chinese Art		
ARS 444 Films of India		
ARS 472 Art of China (HUAD)		
ARS 473 Art of Japan (HUAD)		
ARS 475 Chinese Painting		
CIVIC AND ECONOMIC THOUGHT AND LEADERSHIP		
CEL 395 Leadership and Service Global Intensive Experience: India		
CEL 494 Topic: Political Thought: Islam, Hinduism, Confucianism		
CULTURAL GEOGRAPHY		
GCU 326 Geography of Asia		

Requirement	Minimum Grade	Credit Hours
GCU 432 Geography of China		
GCU 433 Geography of Southeast Asia		
DANCE		
ENGLISH		
ENG 466 Topic: Studio Ghibli Films		
FILM AND MEDIA STUDIES		
FMS 426 Films of India		
GLOBAL STUDIES		
SGS 381 Modern Southeast Asia		
HISTORY		
HST 302 Topic: Envisioning Peace		
HST 302 Topic: Women, War and Peace		
HST 303 Studies in Asian History		
HST 336 Islamic Civilization (HUAD)		
HST 339 Islam in the Modern World (GCSI)		
HST 383 China		
HST 384 Modern China: 1700 to the Present		
HST 386 Interpreting China's Classics		
HST 387 Japan		
HST 388 Japan		
HST 391 Modern Southeast Asia		
HST 392 Modern India		
HST 394 Topic: Pakistan, India, and Afghanistan: Peace Challenges		

Requirement	Minimum Grade	Credit Hours
HST 396 Islam and Politics (CIVI)		
HST 456 The Vietnam War (HUAD)		
LANGUAGE AND CULTURES		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
CHI 333 / SLC 333 China		
CHI 336 / SLC 336 Interpreting China's Classics		
CHI 338 Daode Jing: Way to the West		
CHI 343 Daoism (HUAD)		
CHI 345 Chinese Film and Civilization		
CHI 346 Chinese Religions (GCSI)		
CHI 348 Pathways into Chinese Culture		
CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film		
CHI 394 / SLC 394 Topic: Labor & the Environment in Chinese Writing		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		
CHI 470 Modern Chinese Literature and Culture		
JPN 315 The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis		
JPN 316 The Language of Japanese Popular Culture II: Honorifics and Dialects		
JPN 333 Japanese Civilization from the Ice Age to Last Thursday		

Requirement	Minimum Grade	Credit Hours
JPN 354 / SLC 354 Zen and Japanese Culture		
JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)		
JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)		
JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan		
JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan		
JPN 401 Reading Modern Japanese Texts (GCSI)		
JPN 414 Introduction to Classical Japanese		
JPN 415 Advanced Classical Japanese		
JPN 421 / SLC 421 Japanese Literature in Translation		
JPN 424 / SLC 424 The Art of the Ninja		
JPN 430 / SLC 430 Buddhist Meditation in East Asia		
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 485 Japanese Literature and the Art of Translation		
JPN 494 / SLC 494 Topic: Film and Religion in Japan		
KOR 321 / SLC 321 Modern Korean Literature		
KOR 347 Korean Film and Literature (HUAD)		
KOR 350 Women of Korea		
KOR 354 Religions of Korea		
KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)		
KOR 415 / SLC 415 Korean Popular Culture		
KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)		
KOR 457 / SLC 457 Premodern Korea in a Global Context		
SLC 334 Modern China: 1700 to the Present		

Requirement	Minimum Grade	Credit Hours
SLC 494 Topic: Religions and Conflicts in Southeast Asia		
SLC 498 Topic: Chinese Flagship		
VTN 321 Advanced Vietnamese and Literature I		
VTN 322 Advanced Vietnamese and Literature II		
MUSIC		
MUP 489 Topic: Gamelan		
POLITICAL SCIENCE		
POS 357 South Asia Politics		
POS 358 Southeast Asia		
POS 452 China		
POS 468 Comparative Asian Foreign Policies		
RELIGIOUS STUDIES		
REL 338 Daode Jing: Way to the West		
REL 343 Daoism (HUAD)		
REL 345 Asian Religious Traditions		
REL 346 Chinese Religions (GCSI)		
REL 347 Religions of India		
REL 348 Religion and Culture in Southeast Asia		
REL 350 Hinduism (GCSI)		
REL 351 Buddhism (GCSI)		
REL 352 Modern Buddhism		
REL 353 Zen and Japanese Culture		
REL 354 Religions of Korea		

Requirement	Minimum Grade	Credit Hours
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 363 Islam and World Affairs		
REL 364 Islam in Eurasia and Central Asia		
REL 365 Islamic Civilization (HUAD)		
REL 366 Islam in the Modern World (GCSI)		
REL 367 Religion, Philosophy and Culture in Japan (GCSI)		
REL 394 Topic: Art & Religion in Jain Culture		
REL 396 Islam and Politics (CIVI)		

At least four different disciplines must be represented within the upper-division disciplinary electives (e.g., history, religious studies, global studies, anthropology). Crosslisted courses will only apply to the certificate under one discipline; students may choose the discipline that is most advantageous.

Language Requirement

Students must demonstrate proficiency in a language relevant to the study of Asia by completing the 201 and 202 course sequence, one year of study abroad at the intermediate level or satisfactory performance on a proficiency exam. Acceptable languages include Arabic, Chinese, French, Hindi, Indonesian, Japanese, Korean, Portuguese, Spanish, Thai and Vietnamese. Students who are already proficient in one of these languages, or in another language relevant to the study of Asia that is not offered by ASU, such as Dutch, Tagalog or Urdu, may fulfill the requirement by passing a proficiency exam.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing. Students already proficient in a second language may take a proficiency exam.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Not all courses for this program are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

GPA Requirement: None

Incompatible Majors: BA in Asia studies (East Asia); BA in Asia studies (South Asia); BA in Asia studies (Southeast Asia); BA in global Asia studies

Other Admission Requirements: There are no specific admission requirements other than a desire to learn about Asia.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in Asian studies with their major program of study often decide to pursue employment in teaching, journalism, global finance and banking, international law or global public health. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Atmospheric Sciences Certificate (LAATMSCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students in the atmospheric sciences certificate program gain a focused understanding of weather, climate and the various related methods of measurement and instrumentation. The coursework is designed to give students the knowledge and skill set necessary to approach meteorology-related programs through the lens of their primary field of study.

The certificate program's curriculum is also associated with the requirements for certification as a meteorologist by the National Weather Service. By completing the atmospheric sciences certificate and the Bachelor of Science program in geography with a concentration in meteorology-climatology, students acquire geographic information systems expertise and the meteorological instrumentation skills required for national-level certification with the National Weather Service.

Curriculum

Requirement			Minimum Grade	Credit Hours
The certificate requires 19 credit hours with a "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 19 credit hours must be upper-division coursework.				
GPH 213 Climate and Weather (SCIT)	**AND**	GPH 215 Climate and Weather Laboratory (SCIT)	C	4
GPH 412 Physical Meteorology			C	3

Requirement	Minimum Grade	Credit Hours
GPH 413 Meteorological Instruments and Measurement	C	3
GPH 414 Climate Change (SUST)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
Upper Division Atmospheric Sciences Elective		
GIS 311 Geographic Information Science III (QTRS) GIS 341 Cartography and Georepresentation (QTRS) GIS 351 Air Photo Interpretation GPH 314 Global Change (SUST)	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Applicants must have completed GPH 111 Introduction to Physical Geography, MAT 271 Calculus with Analytic Geometry II, and PHY 121 University Physics I: Mechanics with a grade of "C" or higher (scale is 4.00 = "A").

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply analytical skills to compute specific variables associated with the fundamental atmospheric energy balance relationship.
Apply knowledge of climate change theories and reconstruction of past climates to specific theoretical world constructs.

Career opportunities

A certificate in atmospheric sciences is a valuable addition to a degree for graduates seeking a career in which understanding weather systems is beneficial, including fields related to sustainability and resource management.

Graduates who have earned both the certificate in atmospheric sciences and the BS degree in geography with a concentration in meteorology-climatology are prepared for careers as meteorologists, such as broadcast meteorologists with the National Weather Service. They are also prepared to continue their studies for an advanced degree.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/certificate/atmospheric-sciences-certificate
SGSUP.advising@asu.edu
480-965-7533

Bilingual Education and English as a Second Language Certificate (TEESLCERT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, ASU Sync

Description: The certificate program in bilingual education and English as a second language prepares students to work with a growing population of culturally and linguistically diverse learners.

This certificate program allows graduates to meet requirements for endorsements in Bilingual Education and English as a Second Language through the Arizona Department of Education. This certificate program can be added to the following Bachelor of Arts in Education programs at Mary Lou Fulton Teachers College:

- BAE in early childhood education
- BAE in elementary education
- BAE in physical education
- BAE in secondary education
- BAE in special education

In this program, students learn and apply knowledge and skills in areas related to second language acquisition, biliteracy and bilingualism, culturally relevant and sustaining pedagogies, and evidence-based instructional practices that value language diversity as an asset. Additionally, the certificate program helps students develop critical perspectives that enable them to advocate for equitable support systems that meet the needs of linguistically diverse children and families.

This program does not lead to teacher certification.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		

Requirement	Minimum Grade	Credit Hours
BLE 220 Foundations of Structured English Immersion (HUAD) **or** BLE 408 Structured English Immersion (SEI) Methods	C	3
BLE 336 Culturally Sustaining and Transformative Pedagogies	C	3
BLE 338 Foundations of Second Language Acquisition and Development	C	3
BLE 400 Principles of Language Minority Education	C	3
BLE 481 Elementary Multilingual Education Practicum	C	3
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

This certificate is only open to students majoring in Early Childhood Education, Elementary Education, Special Education, Secondary Education, and Physical Education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College. To be eligible to apply for an English as a Second Language Endorsement or a Bilingual Education Endorsement, students must complete this certificate, complete their teacher preparation program, and provide verification of second language experience. The ESL endorsement requires second language learning experience which can be satisfied through the completion of two undergraduate foreign language classes.The BLE endorsement requires verification of proficiency in a spoken language other than English or sign language which can be satisfied through an external test. Students majoring in Special Education who want to obtain the BLE endorsement will be required to take one additional course in teaching students with exceptionalities from non English-language backgrounds.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

Enrollment requirements

This certificate program is open only to students majoring in the early childhood education, elementary education, special education, secondary education and physical education undergraduate teacher preparation programs in MLFTC.

Students are required to have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.00 is required for continued good standing. Students should contact MLFTC for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career opportunities

Graduates of MLFTC are highly sought-after teachers in public, charter and private education institutions, including in the increasing number of dual-language programs.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Biomedical Research Certificate (ASBMRCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The biomedical research certificate program combines authentic research experience conducted in laboratories of practicing academic scientists with upper-division coursework, including laboratory courses, allowing for specialization in given subject areas and enabling students to gain competency in addressing scientific questions in the laboratory.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in biomedical research consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
STP 280 Probability and Statistics for Researchers (QTRS)	C	3
Upper Division Biomedical Research Electives	C	8
BCH 371 Modern Concepts in Biochemistry **AND** BCH 372 Modern Concepts in Biochemistry Laboratory		
BIO 353 Cell Biology **AND** BIO 354 Cell Biology Laboratory		
BIO 360 Animal Physiology **AND** LSC 359 Animal Physiology Laboratory		

Requirement			Minimum Grade	Credit Hours
BIO 443 Applied Molecular Genetics and Genomics	**AND**	LSC 447 / FOR 447 Molecular Genetics Laboratory		
MIC 443 The Microbial Universe	**AND**	MIC 444 The Microbial Universe Laboratory		

Upper Division Research Experience

ENV 388 / FOR 388 / LSC 388 / PLB 388 / PTX 388 STEM Research Fundamentals				
ACO 399 Supervised Research				
BIO 495 Undergraduate Research				
ACO 492 / BIO 492 / ENV 492 / FOR 492 / LSC 492 / MAT 492 / PTX 492 / STP 492 Honors Directed Study			C	4
ACO 493 / BIO 493 / ENV 493 / FOR 493 / LSC 493 / MAT 493 / PTX 493 / STP 493 Honors Thesis				
ACO 499 / BIO 499 / ENV 499 / FOR 499 / LSC 499 / MAT 499 / PLB 499 / PTX 499 / STP 499 Individualized Instruction				

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This program requires a cumulative GPA of 3.00 in ASU coursework and upper-division standing or graduate student status. Students who wish to pursue this certificate should consult an academic advisor in the School of Mathematical and Natural Sciences to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This certificate prepares students to be highly competitive for careers in the research sector or to pursue admission to graduate and professional schools, such as medical or pharmacy school. Those who complete the biomedical research certificate are prepared for positions such as laboratory researcher or technician, medical scientist, and molecular and cellular biologist.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASBMRCERT/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Biomimicry Certificate (SUBMYCERT)

College/School: College of Global Futures

Campus: Tempe

Description: The undergraduate biomimicry certificate program is a 19 credit hour interdisciplinary opportunity for students from a variety of backgrounds and any major. The certificate program is designed to address the growing interest in biomimicry knowledge and training.

The knowledge, competencies and skills students have upon completion of this program include the ability to:

• apply Life's Principles to specific needs within one's discipline
• facilitate the integration of biology into design within one's discipline using biomimicry thinking
• guide processes in one's discipline toward sustainability from a biomimetic perspective
• integrate biomimicry thinking into a discipline-specific opportunity that results in biomimetic outcomes
• interpret observations in nature with a functional lens for design applications

The biomimicry certificate consists of four core classes, one elective course within the student's discipline, and a practicum capstone course offered through either the student's discipline or BMY 430 Biomimicry Practicum.

Curriculum

Requirement	Minimum Grade	Credit Hours
Core Courses		
SOS 110 Building a Sustainable World (SUST) Students should complete SOS 110 prior to enrolling in the certificate or in the first semester of enrollment.	B	3
BMY 230 How Nature Works	B	4
BMY 302 Principles of Life BMY 302 is typically only offered in spring semester.	B	3
BMY 304 The Practice of Biomimicry BMY 304 is typically only offered in fall semester.	B	3
Upper Division Biomimicry-Related Elective		
Students must complete BMY 230 and either BMY 302 or BMY 304 prior to taking the upper-division elective.		
Upper Division Biomimicry-related Elective	B	3
The elective must be biomimicry-related and ideally makes a connection between the student's major and the certificate. Students are responsible for identifying elective		

Requirement	Minimum Grade	Credit Hours
options and submitting a proposal prior to taking the course. Students must be prepared to present a course syllabus and explain how they will apply biomimicry directly to course assignments. After completing the course, students must complete and submit a one-page form that guides them to reflect on their goals for applying biomimicry to the course, whether and how they succeeded, and what they learned in the process. The course will not be moved in the DARS audit to show completion of the requirement until after the student has completed and submitted the form, which will be provided to them upon approval of the elective. Email cgfadvising@asu.edu with questions about the upper division elective.		
Capstone (BMY 430 or other)		
Upper Division Capstone Course Recommended: BMY 430	B	3
Students must select either BMY 430, or a biomimicry-focused capstone in their corresponding major, or BMY 499 Independent Study (only if options 1 and 2 are unavailable). Students must complete BMY 230 and either BMY 302 or BMY 304 prior to the capstone. With the exception of BMY 430, students are responsible for identifying capstone options and submitting a proposal prior to taking the course. Students must be prepared to provide a course syllabus and explain how they will apply biomimicry directly to course assignments. After completing the course, students must complete and submit a one-page form that guides them to reflect on their goals for applying biomimicry to the course, whether and how they succeeded, and what they learned in the process. The course will not be moved in the DARS audit to show completion of the requirement until after the student has completed and submitted the form, which will be provided to them upon approval of the capstone. Email cgfadvising@asu.edu with questions about the capstone.		
Notes		
Prerequisite courses may be needed in order to complete the requirements of this certificate.		
This certificate takes a minimum of four semesters to complete, due to course sequencing.		
Students must obtain approval of upper division elective and capstone (unless taking BMY 430, which is preferred and pre-approved) prior to enrolling in those requirements. Email cgfadvising@asu.edu or schedule an appointment with a CGF advisor for questions.		
A grade of "B" or better is required in all biomimicry certificate courses. Students who earn a "B-" or lower in a certificate course must repeat the course to earn a "B" or better.		

Enrollment requirements

Students must have a GPA of 3.00 to add the undergraduate certificate in biomimicry.

Before adding the certificate, students must make an appointment (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising) with a College of Global Futures advisor to review additional details about the requirements. Because of prerequisites and the timing of course offerings, the certificate must be initiated no later than the beginning of one's junior year.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue the graduate certificate in biomimicry.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S., or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage, and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Career opportunities

Earning a certificate in biomimicry is a transformative step that amplifies the impact of a graduate's major degree program. This transdisciplinary endeavor equips graduates with a specialized skill set rooted in applied, nature-inspired design and innovation. In a world where innovation, creativity and collaboration are highly sought-after, this certificate becomes a powerful asset, setting graduates apart in competitive job markets.

Biomimicry transcends career boundaries, seamlessly complementing paths in business, technology, science, education or government. It offers an avenue for contributing to meaningful work by emulating the wisdom of the natural world. By delving into biomimetic principles, graduates have gained the ability to understand and generate sustainable solutions, a skill set in high demand across industries. With a biomimicry certificate, graduates not only bring the natural world into their professional and personal lives but also bring about positive change, adding transdisciplinary and innovative value to their major degree program.

Contact information

School of Complex Adaptive Systems | WCPH 4th floor
https://scas.asu.edu/degree-programs/undergraduate-certificates/
cgfadvising@asu.edu
480-727-6963

Brazilian Studies Certificate (LABZSCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in Brazilian studies enables students to study important areas and specific issues in Brazilian culture, including popular and urban culture and foundational literature, and gain proficiency in the Portuguese language.

With specialization in either language or culture, the program's language training includes live interactions with native speakers through virtual meetings with Brazilian students or coaches.

All students in the program, regardless of concentration, take coursework on topics such as food and culture, democracy, the African diaspora and environmental issues. Students develop public-facing capstone projects, such as

podcast series and opinion pieces, expanding their skill set to include teamwork, organizational skills and public speaking and writing.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Brazilian Studies certificate requires 18-20 credit hours of Portuguese language and elective culture content coursework, of which 12 credit hours must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or better is required in all coursework. Students choose one two-course language sequence for a total of 6-8 credit hours of Portuguese language.		
Course substitutions may be permitted for heritage speakers of Portuguese based on their proficiency level as determined by a Portuguese placement test. The language course substitution for advanced speakers of Spanish language can be satisfied by the two-course POR 320 and POR 321 sequence.		
Portuguese Language (6-8 credit hours)		
Portuguese Language Courses		
POR 101 Elementary Portuguese I **AND** POR 102 Elementary Portuguese II		
POR 201 Intermediate Portuguese I **AND** POR 202 Intermediate Portuguese II		
POR 301 Portuguese for Spanish Speakers I **AND** POR 302 Portuguese for Spanish Speakers II	C	6 - 8
POR 313 Portuguese Conversation and Culture **AND** POR 314 Portuguese Composition and Culture		
Choose one two-course sequence for 6-8 credit hours. The upper-division two-course language sequence is 6 credit hours total.		
Upper-Division Electives (12 credit hours)		
Upper Division Electives	C	12
GCU 323 Geography of Latin America (GCSI)		
GCU 485 / PUP 485 International Field Studies		
POR 313 Portuguese Conversation and Culture		
POR 314 Portuguese Composition and Culture		
POR 394 Special Topics		

Requirement	Minimum Grade	Credit Hours
POR 460 Brazilian Society Through Music (HUAD)		
POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)		
POR 484 Internship		
POR 490 Consumer Culture in Latin America		
POR 493 Honors Thesis		
POR 494 Special Topics		
POR 499 Individualized Instruction		
Other courses may be used with approval from the faculty coordinator and academic advisor in the School of International Letters and Cultures.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Note: POR 313 and POR 314 may be applied to either Portuguese Language or to Upper-Division Electives, but may not be applied and counted in both categories for this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Examine the major events and issues of Brazilian history, culture, politics, and religion.
- Effectively communicate orally and in writing in Portuguese at the appropriate levels according to American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

Career opportunities

Graduates can become more marketable to employers and advance their career options when they have earned an undergraduate certificate that complements their major program of study.

Those who have completed this certificate in Brazilian studies along with their major often decide to pursue employment in education, political analysis, the military, tourism and hospitality, or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/brazilian-studies-certificate
silcadvising@asu.edu
480-965-6281

Civic Education Certificate (LACVECERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The civic education certificate program is geared toward students who seek to actively engage in or teach others about political issues and reforms.

Certificate coursework provides a strong foundation in the theories and ideologies that provide the motivation and reasoning for much political activity. In addition, a civics in action component of the program enables students to investigate how contemporary American political institutions grapple with competing interests, values and civic ideas.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in civic education is comprised of 15 credit hours in political science (POS) courses. At least 12 credit hours must be upper division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Theoretical Foundations		
POS 210 Political Ideologies (CIVI)	C	3
POS 442 American Political Thought (HUAD)	C	3
Moral Foundations of Politics (choose one course)		
Upper Division Moral Foundations of Politics		
POS 340 History of Political Philosophy I		
POS 341 History of Political Philosophy II		
POS 346 Problems of Democracy (HUAD)	C	3
POS 443 Topics in Contemporary Political Theory		
POS 475 Morality and Politics		
Civics in Action (choose two courses)		
Upper Division Civics in Action	C	6

Requirement	Minimum Grade	Credit Hours
POS 313 The Congress (AMIT)		
POS 314 The American Presidency (AMIT)		
POS 315 The Supreme Court		
POS 325 Public Policy Development (CIVI)		
POS 332 American Political Parties		
POS 333 Interest Groups		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 370 Law and Society (CIVI)		
POS 410 Governing American Cities		
POS 417 Arizona Politics		
POS 435 Women and Politics (SOBE)		
POS 439 Minority Group Politics in America		
POS 470 Law and the Political Order		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in civic education with their major program of study become more attractive to employers. The certificate offers a balanced approach to the theory and practice of civic engagement, equipping graduates with the ability to analyze and navigate political events and institutions. The program helps prepare graduates for fields in which an understanding of citizenship, leadership, community, democracy, public responsibility and ethics is crucial, such as:

business
civic and social movements
education (social studies)
history
journalism
law
politics
public administration
public service
social work

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

Civil Communication Certificate (LACCOMCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in civil communication provides students with specific training in dialogue-based methods of civility, the application of critical civil communication skills in public spheres, and civil and productive modes of argumentation.

This specialization enables students to recognize and competently practice and facilitate civil discourse --- for which there is an ever-increasing demand --- in society and in workplace organizations. The foundational courses offer the opportunity for transdisciplinary collaboration and community engagement.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours. Nine of the 18 credit hours must be ASU resident-credit courses, including six upper-division credit hours offered by The College of Liberal Arts and Sciences. Twelve credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Courses		
COM 222 Argumentation (CIVI)	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
COM 327 Civil Communication	C	3
Electives (select three)		
Upper Division Electives	C	9

Requirement	Minimum Grade	Credit Hours
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 321 Rhetorical Theory and Research		
COM 325 Advanced Public Speaking and Presentations (CIVI)		
COM 341 Social Contexts for Performance		
COM 421 Rhetoric of Social Issues		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in civil communication with their major program of study may be more marketable to employers. They often decide to pursue employment in social services, public policy or workplace organization.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Hugh Downs School of Human Communication | STAUF A412
https://humancommunication.asu.edu/
communication@asu.edu
480-965-5095

Classical Studies Certificate (LACLGCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description: The classical studies program offers students a wide variety of opportunities to study the language, literature and culture of the ancient Greeks and Romans. It is ideal for students interested in pursuing a classical education in conjunction with another major or as part of their general studies requirements.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to the student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Demonstrate at least novice-high level of interpretive reading in Ancient Greek, as defined by the new Standards for Classical Language Learning of the American Classical League
> Engage with the perspectives, practices and products of ancient Greek and Roman cultures on at least the intermediate-mid level, as defined by the new Standards for Classical Language Learning of the American Classical League

Career opportunities

Graduates who have combined the certificate in classical studies with their major program of study may become more marketable to employers. They often decide to pursue employment in education, arts and humanities, tourism and hospitality, or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/classical-studies-certificate
silcadvising@asu.edu
480-965-6281

Communication Sciences and Disorders Certificate (NHCSDCERT)

College/School: College of Health Solutions

Campus: Tempe

Description: The postbaccalaureate certificate in communication sciences and disorders is for students who have already received a bachelor's degree in another discipline and wish to pursue a master's degree in speech-language pathology or communication disorders.

The coursework provides students with the prerequisite background and knowledge necessary to perform at the master's degree level in the field. In most cases, students can complete the certificate within one calendar year.

Completion of the postbaccalaureate certificate does not guarantee admission to Arizona State University's graduate program. It enables students to meet the American Speech-Language-Hearing Association's requirements to pursue a master's program in speech-language pathology or communication disorders.

Curriculum

Requirement	Minimum Grade	Credit Hours
The postbaccalaureate certificate in communication sciences and disorders consists of 27 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course and a certificate GPA of 3.0 or higher is required.		
A certificate GPA of 3.0 or higher is required.		
SHS 250 Introduction to Phonetics	C	3
SHS 310 Anatomical and Physiological Bases of Speech	C	3
SHS 311 Hearing Science	C	3
SHS 367 Language Science (SOBE)	C	3
SHS 375 Speech Science	C	3
SHS 401 Principles of Audiology	C	3
SHS 402 Clinical Methods and Treatment of Communication Disorders	C	3
SHS 496 Aural Rehabilitation	C	3
SHS 565 Speech and Language Acquisition	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Prospective students must have earned a bachelor's degree in a field outside of speech and hearing science with a minimum GPA of 3.00 (scale is 4.00 = "A").

Individuals interested in this certificate must apply for university admission as a nondegree-seeking graduate student and submit a supplemental application (https://links.asu.edu/commscidiscertapp) to the program. The certificate may be started in a fall or spring semester. Students can see the supplemental application for more information regarding the application process and deadlines.

Career opportunities

Graduates of this certificate program have the academic preparation they need to apply to graduate programs in communication sciences and disorders.

In addition, the program serves to prepare those who wish to transition to the speech-language pathology assistant certificate, with the eventual goal of becoming a speech-language pathology assistant.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHCSDCERT/undergrad/true/91465
chs@asu.edu
602-496-3300

Communication Training and Assessment Certificate (ASCTACERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The certificate program in communication training and assessment prepares students to assess communication skills in business, professional and community settings and to develop training efforts that help others improve their communication skills.

Access to the award-winning, state-of-the-art CommLabASU facilitates skill development in communication training, presentation skills, professional development and assessment practices.

The combination of relevant coursework and hands-on experience developed through CommLabASU provides students with the knowledge and expertise necessary to train others in a variety of professional and community settings.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in communication training and assessment consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
COM 225 Public Speaking and Presentations (CIVI) **or** COM 325 Advanced Public Speaking and Presentations (CIVI) **or** COM 342 Oral History and Storytelling	C	3
COM 383 Communication and Mentoring **or** COM 483 Advanced Communication and Mentoring	C	3
COM 453 Communication Training and Development	C	3
COM 482 Communication, Instruction and Training	C	3
Communication Training and Assessment Electives	C	3
COM 230 Teamwork and Collaboration (SOBE)		
COM 259 Communication in Business and the Professions (CIVI)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		

Requirement	Minimum Grade	Credit Hours
COM 319 Persuasion and Social Influence (CIVI)		
COM 353 Professional Communication		
COM 415 Risk Communication (SOBE)		
COM 430 Leadership in Group Communication		

Upper Division Communication Training and Assessment Electives

COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 353 Professional Communication	C	3
COM 415 Risk Communication (SOBE)		
COM 430 Leadership in Group Communication		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Social and Behavioral Sciences to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

The communication training and assessment program provides a solid background for opportunities in government, private industry and nonprofit organizations. Potential positions include:

advertising and promotions manager
human relations manager
marketing associate
marketing manager
mediator
public relations and fundraising manager
public relations specialist
sales manager

training and development manager

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASCTACERT/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Community-Engaged Practices in Design and the Arts Certificate (HISEPCERT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: This program places designers, artists, scholars and educators in public life and enables them to use their creative capacities to advance culture, strengthen democracy and imaginatively address today's most pressing challenges.

This integrated community-engaged design and arts certificate program serves all Herberger Institute students as well as the larger ASU community. Participants engage in direct and ethical partnership and collaboration with communities and with civic and industry partners, giving them the opportunity to learn and practice programming that activates partner goals and facilitates experiential learning and creation.

Curriculum

Requirement	Minimum Grade	Credit Hours
HDA 210 Creativity and Innovation in Design and the Arts	C	3
HDA 410 Design and the Arts Corps Seminar HDA 410 may be satisfied with other Capstone or Internship Experiences as approved by the program faculty coordinator.	C	3
Upper Division Community Engagement	C	3
ARS 441 Public Art		
ART 442 Art and Community		
DCE 494 / HDA 494 / THP 494 Topic: The Atlas of Creative Tools		
DSC 494 Topic: Indigenous Architecture, Planning and Construction		
DSC 494 Topic: Indigenous Project Delivery		
EDS 301 Sustainable Community Design and Practices (SUST)		
HDA 310 Socially Engaged Practice		
HDA 394 Topic: Design & Arts Corps		

Requirement	Minimum Grade	Credit Hours
HDA 394 Topic: Disrupt, Create, Sustain		
HDA 494 Topic: Civ Prac: Artists&Designers Collaborating/Comm		
HDA 494 Topic: Civic Body: Art and Public Health		
HDA 494 Topic: Civic Practice:Arts/Design & Public Partnerships		
HDA 494 Topic: Creative Facilitation: Collaboration, Imagination		
HDA 494 Topic: Creative Project Management		
HDA 494 Topic: Design & Arts Corps		
HUL 494 Special Topics		
NOTE: Any topic offered through ASU's Humanities Lab (https://humanities.lab.asu.edu/)		
NLM 410 Social Entrepreneurship		
THP 482 Theatre for Social Change (CIVI)		
Upper Division Community Engagement Electives	C	6
AME 310 Media Literacies and Composition		
AME 340 Compositional and Computational Principles for Media Arts		
AME 411 Advanced Interactive Sound		
AME 444 Media Installations		
AME 436 Animating Virtual Worlds		
ARS 441 Public Art		
ART 442 Art and Community		
ART 443 Performance Art: Actions, Gestures, Journeys		
DCE 303 The Body Condition(ed) (SOBE)		
DCE 333 Hip Hop III		

Requirement	Minimum Grade	Credit Hours
DCE 360 Creative Practices V		
DCE 404 Dance and Ethics (CIVI)		
DCE 405 Writing the Creating Body (HUAD)		
MDC 311 Composing and Performing for Hybrid Ensembles		
MHL 342 Music History II (HUAD)		
MHL 344 Music in World Cultures (GCSI)		
MUP 489 Topic: Gamelan		
MUP 489 Topic: Latin Marimba		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
NLM 410 Social Entrepreneurship		
NLM 430 Managing Nonprofit Organizations		
NLM 451 Grant Writing		
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
TDM 448 Heritage and Cultural Tourism		
THP 451 Student Production Board II		
THP 482 Theatre for Social Change (CIVI)		
THP 483 Acting: Viewpoints and Composition		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The certificate program, administered through the Office of Student Success in the Herberger Institute of Design and the Arts and through the Design and Arts Corps, is open to undergraduate students of any major.

Students enrolled in the Bachelor of Arts program in the arts must complete three additional credit hours of coursework specific to the certificate program that does not also count toward their major; this is due to the overlapping requirements of HDA 210 Creativity and Innovation in Design and the Arts and HDA 310 Socially Engaged Practice.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This certificate program enables students to develop distinct pathways that also earn microcredentials across a wide variety of competencies, including ethical communication, group facilitation, project structuring and evaluation, project management, ethics, and asset-based community cultural development. These competencies prepare graduates for excellence in many occupations.

Contact information

Dean, Herberger Institute for Design and the Arts | CDS 101
https://herbergerinstitute.asu.edu/research-and-initiatives/design-and-arts-corps?dept=1400&id=2
herbergeradvising@asu.edu
480-965-4495

Computational Life Sciences Certificate (LACLSICERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the computational life sciences certificate program, students discover a burgeoning new field where huge improvements in processing technologies have opened the door to exciting new research techniques and interdisciplinary collaborations.

Students engage with a suite of tools and approaches that enable them to uncover correlations, gain new understanding and help solve scientific problems.

Using their mastery of these new techniques, students examine data generated from a variety of fields, including ecology, botany, evolutionary biology, neuroscience, molecular and cellular biology, and animal behavior. Students investigate topics such as DNA, RNA, protein, imaging, conservation and historical data; and they explore the ethical implications of collecting, storing, analyzing and sharing the results of computational life science data.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in computational life sciences requires a minimum of 15 credit hours, of which at least 12 credit hours must be upper division. The core consists of one computing course and one ethics course. A minimum of nine credit hours in elective courses complete the certificate. The computing course not used toward the core requirements may be used toward the elective credit hours. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.		
Required Courses		

Requirement	Minimum Grade	Credit Hours
Upper Division Ethics or History Course		
BIO 312 / PHI 320 Bioethics (HUAD)		
BIO 316 / HPS 330 History of Biology: Conflicts and Controversies (HUAD)		
BIO 317 / HPS 323 History of Science II (HUAD)	C	3
BIO 318 / HPS 331 History of Medicine (HUAD)		
BIO 416 / HPS 410 Biomedical Research Ethics (CIVI)		
Upper Division Computational Course		
BIO 439 Computing for Research	C	3
BIO 440 / MBB 440 Functional Genomics		
Electives		
Upper Division Electives List	C	9
BIO 355 / MAT 355 / MBB 355 Introduction to Computational Molecular Biology		
BIO 411 Quantitative Methods in Conservation and Ecology		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 439 Computing for Research		
BIO 440 / MBB 440 Functional Genomics		
BIO 479 Data Analysis and Visualization in R		
BIO 494 Topic: Computational Genomic Analysis		
BIO 494 Topic: Data Analysis in Neuroscience		
BIO 498 Topic: Programming for biologists		
BME 494 Topic: Systems Biology of Disease		
BMI 311 Biomedical Artificial Intelligence		

Requirement	Minimum Grade	Credit Hours
BMI 312 Health Data Mining		
BMI 330 Topics in Translational Bioinformatics		
DAT 301 Exploring Data in R and Python		
GIS 469 Multivariate Statistics for Social Sciences		
GIS 471 Spatial Statistics for Geography and Planning		
MAT 353 Mathematics and Cancer		
MAT 451 Mathematical Modeling		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Summarize key computational concepts, such as algorithms and relational databases, and their applications in the life sciences and apply statistical concepts used in computational life sciences.
Use bioinformatics tools and command line bioinformatics tools, and write simple computer scripts to find, retrieve and organize various types of biological data.
Interpret the ethical, legal, medical and social implications of biological data.

Career opportunities

Graduates of the computational life sciences certificate program have gained data interpretation skills and experience using new computational approaches and programs. Graduates who have combined this program with their major program of study are in high demand for roles that involve identifying and interpreting data in a variety of fields, including ecology, medicine, botany, evolutionary biology and animal behavior.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degrees/minorscertificates
SOLS.advising@asu.edu
480-727-6277

Computer Gaming Certificate (ESSCICERT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Description: The computer gaming certificate program provides students with a game development skill set that they can apply to domain-specific applications in their major. The skill set includes architecture of game engines, art design and computer graphics for gaming, and game software development.

Students learn to apply gaming technology to the rapidly growing video game industry and to fields including business, medicine, geography, biotechnology and education. Examples of projects are:

• building a game that teaches linear algebra by incorporating trigonometric rules into the game design
• creating a game that teaches correct sentence construction to beginning learners of English
• creating a game to help patients with physical therapy
• creating an interactive virtual world for corporate training
• designing a game platform that incorporates geographic information systems
• inventing a surgical simulation to educate medical students

Curriculum

Requirement	Minimum Grade	Credit Hours
Students will complete nine credit hours of core courses (including a final capstone project) and nine credit hours of elective courses. The certificate requires 12 credit hours of upper-division coursework. All courses must be passed with a "C" or better. Students need to allow at least three years to complete the certificate program due to the prerequisite structure.		
Computer Gaming Certificate Requirements		
CPI 111 Game Development I (QTRS)	C	3
CPI 211 Game Development II	C	3
CPI 441 Gaming Capstone CPI 441 is only offered in Spring semesters	C	3
Upper Division Elective Courses (choose three)	C	9
CPI 311 Game Engine Development **OR** SER 332 Introduction to Graphics and Game Development		
CPI 321 Fundamentals of Game Art		

Requirement	Minimum Grade	Credit Hours
CPI 394 Topic: Game Design Fundamentals		
CPI 411 Graphics for Games **OR** SER 432 Game Engine Architecture		
CPI 421 3-D Modeling and Texturing		
CPI 462 Design for Learning in Virtual Worlds		
CPI 484 Internship		
FMS 365 Video Games and Narrative		
SER 431 Advanced Graphics		

CPI 411 is only offered in the spring semester. CPI 421 is only offered in the fall semester. CPI 462 and SER 431 are offered infrequently.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The computer gaming certificate is open to any student admitted to an undergraduate degree program at ASU who is in good academic standing. Students pursuing a Bachelor of Arts in interdisciplinary studies can use this certificate as part of their degree program.

All students are eligible to take CPI courses alongside their major, but they must follow the course prerequisite structure. Students should note that some courses are offered only in fall or in spring, so it may take two years to complete the certificate coursework.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate the ability to apply game development techniques in solving real-world problems in different application domains.
Demonstrate the ability to create a portfolio of hands-on games and prototypes using state-of-the-art technology.

Career opportunities

Students can advance their career options with an undergraduate certificate. Those who add this computer gaming specialization as a complement to their major program of study may be more marketable to employers in the gaming

industry.

Contact information

Computing and Informatics Program | CTRPT 105
https://scai.engineering.asu.edu/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Convention Sales and Meeting Planning Certificate (PPTDMCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, ASU at Hainan

Description: The certificate program in convention sales and meeting planning provides students a solid foundation in convention sales and management by incorporating the scope of convention properties, budgeting, contracting and risk management. Students can explore this exciting growth industry, learn marketing and sales strategies to attract convention and meeting markets, and master the techniques required for accommodating the needs of meeting and convention services.

The certificate, which has been endorsed by the Greater Phoenix Convention and Visitors Bureau and the Arizona Sunbelt Chapter of Meeting Professionals International, prepares students to thrive as tourism professionals.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours: two required core courses (six credits) and three elective courses (nine credits). Courses taken as part of a university major may count toward that degree and the certificate. Requirements can be met online. All core classes and some elective classes are taught online at least once per year. To earn the certificate, students must complete a minimum of 12 upper-division credit hours. An application to the program is required.		
Required Courses		
CRD 350 Tourism, Recreation and Sports Marketing	C	3
TDM 345 Meeting and Convention Planning	C	3
Elective Courses		
Electives	C	3
NLM 310 Volunteer Management (CIVI)		
PRM 145 Special Events Management		
TDM 205 Introduction to Travel and Tourism (GCSI)		
TDM 225 Introduction to Hotel, Resort and Lodging Management		

Requirement	Minimum Grade	Credit Hours
TDM 386 Convention Sales and Management		
TDM 458 International Tourism (GCSI)		
Upper Division Electives		
NLM 310 Volunteer Management (CIVI)		
TDM 386 Convention Sales and Management	C	6
TDM 458 International Tourism (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Standards

Fifteen credit hours of graded classroom coursework are required (no internship, no independent study).

A minimum "C" (2.00 on a 4.00 scale) grade is required for all courses in the certificate.

A minimum GPA of 2.00 is required for those pursuing the certificate.

Enrollment requirements

Other Enrollment Requirements: None

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply programmatic principles relevant to the convention industry to a variety of scenarios.
Plan an event using current practices and concepts.

Career opportunities

The field of convention sales and meeting planning comprises a multitude of areas, including fundraising, recruitment, coordination, supervision and a variety of management responsibilities. The demand for professionals is high, and graduates have received an excellent foundation for enhancing career opportunities nationally, regionally and locally.

The U.S. meetings, conventions and exhibitions industry generates more than $120 billion a year, supporting nearly two million jobs.

The city of Phoenix is a major convention and meeting destination. There is a need for qualified professionals to service conventions and meetings, due in large part to the $600 million investment in the Phoenix Convention Center expansion, development of new hotels and other visitor-related products, and the steady influx of corporate headquarters relocating to the greater Phoenix area.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Correctional Studies Certificate (PPCRTSCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The certificate program in correctional studies educates students about a variety of components that make up the corrections system.

It is designed to provide students with understanding and knowledge of the histories, philosophies and contemporary practices of both institutional and community corrections. The program emphasizes evidence-based best practices concerning the rehabilitation of correctional clients to reduce recidivism.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
CRJ 240 Introduction to Corrections	C	3
CRJ 443 Community Corrections	C	3
CRJ 444 Institutional Corrections	C	3
Elective Courses		
Upper Division Electives	C	6
CRJ 317 Inside-Out Prison Exchange Program		
CRJ 350 Law and Social Control (CIVI)		
CRJ 394 Special Topics		
CRJ 403 Victims and the Criminal Justice System		
CRJ 406 Sex Crimes		

Requirement	Minimum Grade	Credit Hours
CRJ 411 Legal Issues in Corrections		
CRJ 434 Drugs of Abuse		
CRJ 435 Crime and Forensic Mental Health (SOBE)		
CRJ 445 Tools for Engaging Correctional Populations		
CRJ 470 Discretionary Justice (SOBE)		
CRJ 484 Internship		
CRJ 494 Special Topics		
CRJ 499 Individualized Instruction		

Special Topics courses (CRJ 394 and CRJ 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the correctional studies certificate program.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

At least 15 credit hours must be taken in residence at ASU.

Lower-division courses such as CRJ 240 (Introduction to Corrections) may be used to satisfy the requirements of any major or a minor at ASU, as well as requirements for the certificate program in correctional studies. No upper-division courses in criminology and criminal justice, however, may be used to satisfy the requirements of the certificate program in correctional studies and either the major or minor in criminology and criminal justice. For example, students majoring or minoring in criminology and criminal justice may not use CRJ 394, CRJ 406, CRJ 411, CRJ 434, CRJ 435, CRJ 443, CRJ 445, CRJ 484, or CRJ 494 to satisfy the requirements of the certificate in correctional studies and either the major or minor in criminology and criminal justice.

Enrollment requirements

CRJ 100 Introduction to Criminal Justice is a requirement for the bachelor's degree program and the minor in criminology and criminal justice, and its completion satisfies the requirements of the major or minor as well as the requirement for the certificate program in correctional studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Analyze the historical and contemporary trends and operations of community and institutional corrections.
> Apply knowledge of effective strategies for engaging and implementing rehabilitative programming to a variety of correctional populations.

Career opportunities

Graduates of the correctional studies certificate program find a strong job market in the public and private sectors. Employment opportunities exist in supervisory and management positions in criminal justice agencies, including the National Institute of Corrections, the Federal Bureau of Prisons, and local and state-level corrections departments.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu
SCCJAdvising@asu.edu
602-496-1658

Criminal Investigations Certificate (PPCRICERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, West Valley

Description: The certificate program in criminal investigations educates students about a variety of aspects of criminal investigations and criminalistics. The program is designed to provide students of the social sciences, natural sciences, humanities and public services with an understanding of the nature of criminal evidence; the language of forensic science; the scope, probative value and limitations of a variety of investigative specializations and their techniques; and an appreciation of how forensic investigative methods are used in the quest for justice.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
CRJ 210 Introduction to Criminal Investigations	C	3
CRJ 211 Documenting the Crime Scene	C	3
CRJ 410 Criminal Procedure I: The Law of Investigations	C	3
Elective Courses		
Upper Division Electives	C	9
CRJ 321 Evidence: Imperatives of Proof		
CRJ 433 Death Investigations: Principles of Forensic Medicine		

Requirement	Minimum Grade	Credit Hours
CRJ 434 Drugs of Abuse		
CRJ 435 Crime and Forensic Mental Health (SOBE)		
CRJ 450 Crime Analysis (QTRS)		
CRJ 484 Internship		
CRJ 494 Special Topics		
FOR 350 Digital Forensics		
FOR 394 Special Topics		
FOR 410 Testimony and Ethics in the Forensic Sciences		
FOR 484 Internship		

Special Topics courses (FOR 394 and CRJ 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the criminal investigations certificate program.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

At least 12 credit hours must be taken in residence at ASU.

Upper-division coursework may not be used to satisfy the requirements of both a major and the certificate. Thus, if any elective courses in the certificate program are being used to satisfy the requirements of a major, different elective courses must be taken to satisfy the requirements of the certificate program. For example, students majoring in criminology and criminal justice may not use CRJ 321, CRJ 410, CRJ 433, CRJ 434, CRJ 435, CRJ 450, CRJ 484 or CRJ 494 to satisfy the requirements of the major and the certificate in criminal investigations. Similarly, students majoring in forensic science may not use FOR 350, FOR 410 or FOR 484 to satisfy the requirements of the major and the certificate in criminal investigations.

Prerequisite Information

CRJ 100 Introduction to Criminal Justice is a prerequisite requirement to enroll in CRJ 210, CRJ 211, CRJ 433, CRJ 434, CRJ 435, and CRJ 494.

ACO 100 is a prerequisite requirement to enroll in FOR 350.

FOR 370 is a prerequisite requirement to enroll in FOR 410. Completion of ENG 102 or 105 or 108 is also the prerequisite for FOR 410.

The completion of at least 45 credit hours is a prerequisite requirement to enroll in FOR 484 Internship.

Enrollment requirements

Students must complete the following prerequisite courses with a grade of "C" of higher (scale is 4.00 = "A") to be admitted to the certificate program. These courses may be taken in residence at ASU or may be transferred from other institutions, including community colleges.

The following prerequisite courses are required for admission to the certificate program:

For students majoring in the social sciences, humanities or the arts*:
FOR 105 Physical Evidence and the Crime Scene, SCIT or SQ (4) and
FOR 106 Biology Behind the Crime Scene, SCIT or SQ (4)

For students majoring in the natural sciences*:
FOR 286 Principles of Forensic Science (4)

*The FOR 105, FOR 106 sequence does not have prerequisites. These courses are designed for students majoring in the social sciences, humanities or arts to meet the natural science (GS Maroon) or Scientific Thinking in Natural Sciences (GS Gold) requirement of ASU's general studies program. Thus, students not majoring in the natural sciences who wish to declare the certificate program in criminal investigations must complete the FOR 105, FOR 106 two-course sequence.

In contrast, students majoring in the natural sciences, including forensic science, should not take FOR 105 and FOR 106; they need only complete FOR 286: Principles of Forensic Science, which has prerequisite requirements of BIO 181, BIO 182, CHM 113 and CHM 116.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply investigative techniques to patterns of modus operandi, interviewing and interrogation strategies, and surveillance.
Demonstrate an understanding of the processes involved in collecting evidence from a crime scene as well as the steps involved to present it in court.

Career opportunities

Graduates of the criminal investigations certificate program find a strong job market in the public and private sectors. In their roles, they can work to stop bank fraud and domestic terrorism. Employment opportunities exist in:

courts
federal agencies
forensic agencies
homeland security
law enforcement
legal offices

Graduates also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines. Advanced degrees or certifications may be required for academic or clinical positions.

This program is not designed to prepare students for work in a crime laboratory.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
SCCJAdvising@asu.edu
602-496-1658

Cross-Sector Leadership Certificate (PPCSLDCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The certificate program in cross-sector leadership provides a comprehensive overview of leading solutions to complex social challenges by integrating the public, private, nonprofit and military sectors.

Students engage in a systems-thinking approach to challenges faced by local and global communities, explore the diverse characteristics and motives of each sector in engaging in cross-sector collaborations, and master processes to formalize such partnerships. Students study values-based leadership and how individual, organizational and sector values can drive a leader's ability to act. Students gain leadership skills, such as leading change within and between organizations across multiple sectors; and they learn to use human-centered design, social entrepreneurship and other approaches when tackling community challenges.

Students end the program with a thesis or applied project that integrates the theories, procedures and concepts learned in the certificate courses with experiences from their internships in each sector.

Curriculum

Requirement			Minimum Grade	Credit Hours
The certificate in cross-sector leadership is a requirement for, and is limited to, participants in the Public Service Academy's Next Generation Service Corps, a four-year leadership development track that engages future civilian leaders in the public, private and nonprofit sectors to engage in collaboration and change in the context of social challenges in which they hold interest. Students are required to demonstrate forward academic progress to maintain enrollment in the certificate as well as the Next Generation Service Corps. ROTC students also may pursue the certificate.				
PAF 215 NGSC Community Impact Lab			C	3
PAF 311 Leadership and Change (SOBE)			C	3
PAF 315 Cross-Sector Collaboration (CIVI)			C	3
PAF 415 Social Entrepreneurship			C	3
PAF 394 Topic: NGSC Leadership Instruction	**or**	PAF 421 Leadership Capstone	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Enrollment in the certificate program in cross-sector leadership is offered only to students participating in ASU's Next Generation Service Corps (https://psa.asu.edu/next-generation-service-corps) or in the Reserve Officers Training Corps (https://military.asu.edu/rotc). Enrollment requirements for the certificate are the same as admission requirements for the NGSC or ROTC (by request). Public Service Academy staff and the Watts College of Public Service and Community Solutions Dean's Office enroll the students.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Compare innovative methods for finding solutions to address complex social issues, including social entrepreneurship and problem-solving processes of human-centered design.
Identify and design cross-sector collaborations by understanding the nuances of the public, private and nonprofit sectors.

Career opportunities

Students can advance their career options with an undergraduate certificate.

Graduates of the certificate in cross-sector leadership have acquired a beneficial knowledge of cross-sector collaboration, advanced leadership skills, and an understanding of how to use these. These transferrable skills complement students' major program of study and may make them more marketable to employers.

Contact information

School of Public Affairs | UCENT 400
https://psa.asu.edu
psa@asu.edu
602-496-0450

Cryptology Certificate (LACRYCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Cryptology is the art and science of making and breaking codes and ciphers. The certificate program in cryptology is designed to provide a strong foundation in the mathematical topics that are most applicable to modern cryptosystems. Students also gain specialized knowledge required for understanding and working in the field of mathematical cryptology.

Curriculum

Requirement			Minimum Grade	Credit Hours
This certificate requires 18 upper division credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.				
Required Courses				
MAT 440 Group Theory	**or**	MAT 444 Intermediate Abstract Algebra	C	3
MAT 445 Theory of Numbers			C	3
MAT 447 Cryptography I			C	3
MAT 448 Cryptography II			C	3
Elective Courses (choose two)				
Upper Division Crypology Elective Courses				
MAT 415 Introduction to Combinatorics				
MAT 416 Graph Theory				
MAT 441 Ring Theory			C	6
STP 421 Probability				
STP 427 Mathematical Statistics				
Students may substitute an approved cryptography-related internship for 3 credit hours of elective coursework.				

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This program has additional admission requirements; students should see a college advisor for details. Applicants should be in good academic standing with a "B" or better (scale is 4.00 = "A") in MAT 300 Mathematical Structures, or equivalent.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply appropriate concepts from their elective courses in the certificate to cryptology.
Analyze security of contemporary cryptosystems using results from theoretical mathematics.

Career opportunities

A certificate in cryptology offers graduates a wide variety of career possibilities. Some pursuing this certificate are interested in working in government, business, financial and medical settings and in educational industries. These areas require individuals with the skill sets to secure data, and graduates of this program have developed these skills.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Data Science Certificate (ASDTSCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The data science certificate program combines the strengths of database skills with interdisciplinary computational statistics.

Through hands-on experience, students gain an understanding of the computational and statistical methods used to extract insights from complex data sets. In particular, the program includes courses that cover key techniques for the different stages of the data science process: data collection, data processing for small and big data, data cleaning, exploratory data analysis, data visualization, predictive modeling with machine learning techniques, and statistical modeling.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in data science consists of 15 upper-division credit hours. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
ACO 320 Database Systems	C	3
ACO 423 Data Science	C	3
STP 315 Statistical Computing	C	3
Upper Division Data Science Electives	C	6
ACO 321 Database Development & Applications		
ACO 420 Big Data Systems		

Requirement	Minimum Grade	Credit Hours
BMI 311 Biomedical Artificial Intelligence		
BMI 312 Health Data Mining		
MAT 422 Mathematical Methods in Data Science		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Prerequisites for this certificate are:

ACO 201 Data Structures and Algorithms
MAT 243 Discrete Mathematical Structures or MAT 300 Mathematical Structures
STP 226 Elements of Statistics

Students who wish to pursue this certificate should consult an academic advisor in the School of Mathematical and Natural Sciences to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

A certificate in data science helps prepare students who have an interest in databases and statistics. Possible careers include data scientist, machine learning scientist or engineer, applications architect, data architect and data engineer.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASDTSCERT/undergrad/true/177
mnsadvising@asu.edu
602-543-3000

Desert Food Production Certificate (LSDFPRCERT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: The certificate program in desert food production equips students interested in producing foods locally with the knowledge and skills they need to grow edible plants and navigate the challenges specific to desert climates.

Coursework in the program emphasizes organic food production, sustainable horticultural technologies, green waste reduction, water conservation, maintaining biodiversity and biological cycles, and enhancing soil quality.

Students gain marketable skills that enable them to participate in the growing trend of producing and supporting the consumption of local foods.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires 18 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.		
Required Courses		
ABS 260 Fundamentals of Sustainable Horticulture	C	4
ABS 368 Plant Propagation	C	3
ABS 460 Organic Gardening	C	2
ABS 464 Desert Horticulture	C	3
Electives		
Elective Courses		
ABS 225 Soils **AND** ABS 226 Soils Laboratory ABS 360 Southwest Home Gardening ABS 365 Future of Agriculture: Vertical Farming ABS 414 Plant Pathology ABS 462 Greenhouse/Nursery Management ABS 484 Internship No more than two credit hours of ABS 484 may apply to the certificate.	C	2
Upper Division Elective Courses ABS 360 Southwest Home Gardening ABS 365 Future of Agriculture: Vertical Farming	C	4

Requirement	Minimum Grade	Credit Hours
ABS 414 Plant Pathology		
ABS 462 Greenhouse/Nursery Management		
ABS 484 Internship		
No more than two credit hours of ABS 484 may apply to the certificate.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

This certificate is open to students in any major.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate.

Graduates who combine the certificate in desert food production with their major program of study may be more marketable to employers. Those who complete this undergraduate certificate often pursue employment in nursery and greenhouse management, food science, or farm and ranch management.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Digital Business Innovation Certificate (BADBICERT)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: The certificate program in digital business innovation provides students with a broad overview of today's digital information systems. Students are exposed to modern tools for transforming business processes, maintaining digital presence and developing analytical insights.

Students who complete the program are well suited for the business landscape, phenomenally transformed in recent years by digital innovations.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in digital business innovation requires 18 credit hours with at least 12 upper division credit hours. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or higher.		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
CIS 235 Introduction to Information Systems, Analytics and AI in Business	C	3
CIS 300 Web Design and Development	C	3
CIS 308 Advanced Excel in Business	C	3
CIS 311 Business Agile Project Management	C	3
CIS 312 Business Mobile Commerce and Monetization	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The certificate in digital business innovation is open to all majors.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in digital innovation with their major program of study may become more marketable to employers. They often decide to pursue employment in management, marketing, sales or communication.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of Information Systems | BAC 601
https://wpcarey.asu.edu/information-systems-degrees

wpcareyis@asu.edu
480-965-3252

Disability Studies Certificate (LADISCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: As a vibrant and diverse focus of academia, disability studies uses a cross-disability, intersectional and interdisciplinary approach to understand disability as a social and cultural construct and people with disabilities as a protected minority. This program draws upon diverse disciplines including history, sociology, law, policy studies, economics, anthropology, geography, philosophy, theology, gender studies, media studies, architecture and the arts to understand the social, cultural and political situation of disabled cultures, and people with disabilities globally.

Students are critically challenged to reject simplistic definitions of disability as a restrictive, functional impairment that requires fixing or curing. This perspective is central to individual and social identity, and crucial to changing discriminatory, exclusionary and harmful political processes and public attitudes.

This program prioritizes development of theoretical, methodological, educational and advocacy models that redefine legal, physical, policy and attitudinal barriers that exclude disabled communities from full participation in society.

Curriculum

Requirement	Minimum Grade	Credit Hours
Students must complete 15 credit hours with at least 12 hours completed at the upper-division level. A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to count toward the certificate.		
Required Courses		
JUS 235 Disability, Justice and Advocacy (CIVI)	C	3
JUS 437 The Social Construction of Disability and Justice (HUAD)	C	3
Elective Courses		
Upper Division Electives	C	9
AFR 317 / JUS 317 Genes, Race and Society (SOBE)		
AFR 375 Race, Gender and Sport (SOBE)		
APA 330 / WST 331 Asian Pacific American Genders and Sexualities (SOBE)		
APA 350 / AFR 350 / CDE 350 / SOC 350 / TCL 360 / JUS 365 Inequality and Diversity in Education (CIVI)		
APA 355 Asian American Psychology (SOBE)		
CRD 302 Inclusive Community Development (SOBE)		

Requirement	Minimum Grade	Credit Hours
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE)		
DST 458 Disability and Communication Advocacy		
EDS 301 Sustainable Community Design and Practices (SUST)		
ENG 484 Internship		
GER 494 Topic: Posthumanism and the Ends of Man		
JUS 303 Justice Theory (CIVI)		
JUS 305 Principles of Justice Studies (HUAD)		
JUS 370 Cultural Diversity and Justice (CIVI)		
JUS 375 Justice and the Mass Media (SOBE)		
JUS 432 Racial Justice (CIVI)		
JUS 438 Human Differences: Dilemmas of Justice (CIVI)		
JUS 440 Prisons, Power and the Punishments of the Past		
JUS 469 Political Deviance and the Law		
MHL 447 Music and Healing (HUAD)		
MUE 441 Psychology of Music		
PRM 453 Inclusive Community Sport		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 440 Advocacy in Therapeutic Recreation (GCSI)		
RTH 455 Recreational Therapy and Play with Children, Youth and Families		
SHS 367 Language Science (SOBE)		
WST 313 Women and Sexuality (SOBE)		
WST 371 Sex and the City: Women, Sexuality, and Popular Culture (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		

Requirement	Minimum Grade	Credit Hours
WST 477 Gender and Violence		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Other courses may be used with approval from an academic advisor in the School of Social Transformation.

Enrollment requirements

In addition to all other majors, students enrolled in the Bachelor of Arts or minor in disability studies offered by the New College of Interdisciplinary Arts and Sciences are permitted to add this certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Employ and critically assess core theories, models and perspectives that have contributed to the development of disability studies.
Understand and identify representations of disability as historically specific and culturally contingent.
Apply disability studies perspectives in the construction of social policy, engagement and advocacy.

Career opportunities

Graduates who have combined the certificate in disability studies with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Diversity and Equity Studies Certificate (ASDESCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: This certificate program in diversity and equity studies develops students' intercultural competence through knowledge they gain related to the histories, practices and perspectives of diverse groups, both local and

global.

Reflecting on this knowledge permits students to develop strategies to work with and through differences of gender, race, ethnicity, sexuality, age, religion and class. Integrative social sciences perspectives enable bridge-building within and across differences to redress inequalities.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in diversity and equity studies consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
SBS 301 Cultural Diversity (SOBE)	C	3
Diversity and Equity Studies Electives	C	3
ASB 211 Women in Other Cultures		
ASB 311 Principles of Social Anthropology (GCSI)		
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 394 Special Topics		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ASB 484 Internship		
ASB 494 Special Topics		
ASB 499 Individualized Instruction		
JHR 100 Introduction to Social Justice and Human Rights (CIVI)		
JHR 394 Special Topics		
JHR 484 Internship		
JHR 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
JHR 499 Individualized Instruction		
POS 357 South Asia Politics		
POS 394 Special Topics		
POS 436 Gender, Sexuality, Nation-States		
POS 437 / SOC 437 Women, Power, and Politics		
POS 484 Internship		
POS 494 Special Topics		
POS 499 Individualized Instruction		
SBS 394 Special Topics		
SBS 484 Internship		
SBS 494 Special Topics		
SBS 499 Individualized Instruction		
SOC 241 Modern Social Problems (SOBE)		
SOC 264 Sociology of Gender (CIVI)		
SOC 270 Sociology of Race and Ethnicity (CIVI)		
SOC 394 Special Topics		
SOC 400 Perspectives on Aging		
SOC 426 Social Inequalities (CIVI)		
SOC 484 Internship		
SOC 494 Special Topics		
SOC 499 Individualized Instruction		
Upper Division Diversity and Equity Studies Electives	C	9
ASB 311 Principles of Social Anthropology (GCSI)		

Requirement	Minimum Grade	Credit Hours
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 394 Special Topics		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ASB 484 Internship		
ASB 494 Special Topics		
ASB 499 Individualized Instruction		
JHR 394 Special Topics		
JHR 484 Internship		
JHR 494 Special Topics		
JHR 499 Individualized Instruction		
POS 357 South Asia Politics		
POS 394 Special Topics		
POS 436 Gender, Sexuality, Nation-States		
POS 437 / SOC 437 Women, Power, and Politics		
POS 484 Internship		
POS 494 Special Topics		
POS 499 Individualized Instruction		
SBS 394 Special Topics		
SBS 484 Internship		
SBS 494 Special Topics		
SBS 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
SOC 394 Special Topics		
SOC 400 Perspectives on Aging		
SOC 426 Social Inequalities (CIVI)		
SOC 484 Internship		
SOC 494 Special Topics		
SOC 499 Individualized Instruction		
Up to three credit hours of experiential learning (484/499) may apply toward the electives requirement.		
Selected elective courses must come from at least two of the following subjects: ASB, JHR, POS, SBS or SOC.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Social and Behavioral Sciences to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This certificate is valuable to those pursuing careers in:

- business and management
- community advocacy
- government
- human resources
- law
- media
- medicine
- public policy

Possible careers include:

- counselor
- crisis response counselor
- diversity officer
- nonprofit worker

social worker
youth counselor

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASDESCERT/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Domestic Violence and Evidence-based Practice Certificate (PPDVEPCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The certificate program in domestic violence and evidence-based practice provides students with the experience and knowledge they need to intervene safely and effectively on behalf of the survivors of gender-based violence, a vulnerable group that helping professionals are likely to encounter in all areas of practice. Those knowledgeable about the dynamics of intimate partner violence are better equipped to assist those suffering its negative physical and mental health consequences.

Evidence-based care is crucial in domestic violence settings. Certificate program students engage in service-based and classroom learning to understand the role of evidence-based interventions in promoting survivor safety and client empowerment.

Upon completion of the program, certificate holders become verified advocates for victims of domestic violence in the state of Arizona

Curriculum

Requirement	Minimum Grade	Credit Hours
A grade of B or better is required in each course to satisfy the certificate.		
Required Course		
SWU 416 Domestic Violence Prevention and Intervention During their first semester in the certificate, students enroll in SWU 416.	B	3
Electives		
Upper Division Electives	B	12
SWU 417 Technology, Interpersonal Relationships and Abuse		
SWU 418 Global Violence Against Women		
SWU 420 Domestic Violence Fatality Review		
SWU 484 Internship **or** SWU 412 Social Work Practicum I		

Requirement	Minimum Grade	Credit Hours
SWU 484 Internship **or** SWU 414 Social Work Practicum II		
SWU 494 Topic: Intersecting Domestic Violence Child Maltreatment		
Other internship credit may be substituted with department approval.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

All students pursuing the certificate must have 56 credit hours of coursework completed with a minimum GPA of 2.50. To enroll in SWU 416, students must have a current Arizona fingerprint clearance card, which will be verified through the state of Arizona system.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply knowledge of human behavior in the social environment when working with individuals, families and groups.
Implement evidence-based interventions, safety planning and utilize an evidence-based safety decision aid (myPlan, a tool to enhance risk assessment).

Career opportunities

Graduates are prepared to work with domestic violence survivors. Prospective administrators, helping professionals and community activists possess the practical knowledge to implement interventions backed by evidence and develop the tools and networks that create change for survivors, families and communities.

Career examples include:

domestic violence or lay legal advocate
domestic violence support group facilitator
shelter case manager

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/undergraduate-certificates/majorinfo/PPDVEPCERT/undergrad/true/8

social.work@asu.edu
602-496-0800

Early Childhood Education Certificate (TEECDCERT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, ASU Sync

Description: The certificate program in early childhood education prepares students to support the cognitive and social-emotional development of young children from birth to age 8.

Students who complete this certificate program are eligible for dual teaching certificates upon completion of an undergraduate degree or to meet requirements for an Early Childhood endorsement. This certificate can be added to the following Bachelor of Arts in Education programs:

- BAE in elementary education
- BAE in elementary multilingual education
- BAE in special education

Students develop skills in understanding and applying evidence-based practices in early childhood education. The innovative coursework is centered on child development theory, development of young children, assessment practices and instructional pedagogy. Students explore techniques and approaches to engage children's family members in the growth and development of young children.

When added to a bachelor's degree program listed above, graduates earn an institutional recommendation for teacher certification in Early Childhood Education, Birth-Grade 3, or an endorsement in Early Childhood Education, Birth-Grade 3, through the Arizona Department of Education. Those who desire to teach in public schools must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
ECD 321 Foundations in Language, Literacy and Culture in Early Childhood (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
ECS 310 Foundations in Typical / Atypical Child Development	C	3
ECS 312 Social and Emotional Development of the Young Child (SOBE)	C	3
ECS 411 Instructional Methodologies for Young Children: STEM	C	3
ECS 412 Mathematics Curriculum, Instruction and Assessment	C	4
ECD 417 Arts Integration for Young Children	C	4

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

This certificate is only open to students majoring in Elementary Education, Special Education, and Elementary Education (Emerging Multilingual Education) undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College. In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

Enrollment requirements

This certificate is open only to students in elementary education, special education and elementary multilingual education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College.

Students are required to have a valid Arizona DPS Identity Verified Prints fingerprint clearance card.

A GPA of 2.00 is required for continued good standing. Students should contact MLFTC for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career opportunities

There is a strong demand for early childhood educators in Arizona and nationwide. Graduates are prepared to work in a variety of settings, such as preschools, with childcare providers and in after-school care. Many graduates with early childhood education credentials hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Early Childhood Special Education Certificate (TEECSCERT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, ASU Sync

Description: The certificate program in early childhood special education prepares students to work with young children, birth through age 8 or grade 3, who have a disability or are at risk of developing one.

Students develop foundational knowledge of child development, including child development theories and best practices. They learn how to:

- assess, monitor and report the progress of young children
- build effective practices for engaging families
- create enriched, inclusive learning environments
- design coherent instruction
- plan and facilitate learning

This certificate program allows students to be eligible for dual teaching certificates upon completion of an undergraduate Bachelor of Arts in Education degree. This certificate can be added to the following programs:

- BAE in early childhood education
- BAE in elementary education
- BAE in elementary multilingual education
- BAE in special education

Students who add this certificate to a bachelor's degree listed above are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood Special Education, birth through grade 3, from the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
ECD 321 Foundations in Language, Literacy and Culture in Early Childhood (SOBE)	C	3
ECS 310 Foundations in Typical / Atypical Child Development	C	3
ECS 312 Social and Emotional Development of the Young Child (SOBE)	C	3
ECS 411 Instructional Methodologies for Young Children: STEM	C	3
ECS 420 Evaluation and Intervention Strategies for Infants, Toddlers and Preschoolers with Disabilities	C	3
ECS 430 Systems, Policy, and Advocacy in Early Childhood/Special Education	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

This certificate is only open to students majoring in Early Childhood Education, Elementary Education, Special Education, and Elementary Education (Emerging Multilingual Education) undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College. In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

Enrollment requirements

Students are required to have a valid Arizona DPS Identity Verified Prints fingerprint clearance card.

A GPA of 2.00 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career opportunities

There is a strong demand for both early childhood educators and special educators in Arizona and nationwide. Earning a credential that prepares graduates for both early childhood and special education can lead to many opportunities. Many graduates with early childhood education credentials hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Economic Justice Certificate (LAECNJCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Through the certificate program in economic justice, students gain knowledge of economic justice that promotes the growth of sustainable local, national and global communities.

Students complete coursework in the theories and philosophies of economic justice and economic justice praxis to prepare them for transdisciplinary exploration of areas of personal interest. They develop the capacity to design, control, manage and evaluate initiatives that can economically revitalize communities, and they increase their research abilities.

Students who complete the program are prepared to support and create change by analyzing and developing policies designed to build local skills and lay groundwork for new approaches to economic justice.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in economic justice consists of 15 credit hours, at least 12 of which must be completed at the upper-division level. All courses used toward the certificate		

Requirement	Minimum Grade	Credit Hours
must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Work and Democracy Seminar		
SST 310 Exploitation, Oppression and Resistance in Capitalist Societies	C	3
Economic Justice Internship		
SST 484 Internship SST 484 Internship requires department approval prior to registration in the course. Visit https://sst.asu.edu/internships to get started.	C	3
Economic Justice Electives (choose three)		
Economic Justice Electives	C	3
AFR 294 Topic: Race Geographies in the United States		
AFR 428 / JUS 428 Critical Race Theory		
AMS 201 Introduction to American Studies (HUAD)		
APA 210 Introduction to Ethnic Studies in the U.S. (SOBE)		
HST 325 Immigration and Ethnicity in the United States (HUAD)		
JUS 105 Introduction to Justice Studies (CIVI)		
JUS 220 / SST 220 Introduction to Social Transformation		
JUS 303 Justice Theory (CIVI)		
JUS 305 Principles of Justice Studies (HUAD)		
JUS 321 Wealth Distribution and Poverty (SOBE)		
JUS 325 Globalization and Socio-Economic Justice		
JUS 425 Race, Gender, and Justice (CIVI)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 456 Human Rights and Sustainability		
PHI 336 Social and Political Philosophy		
POS 394 Topic: Politics and Inequality in the U.S.		

Requirement	Minimum Grade	Credit Hours
POS 485 Political Economy (SOBE)		
SOC 241 Modern Social Problems (SOBE)		
SOC 324 Sociology of Work and Organizations (GCSI)		
SOC 332 The Modern City		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
SST 494 Special Topics		
WST 100 Women, Gender, and Society (SOBE)		
WST 300 Women and Gender in Contemporary Society (SOBE)		
WST 380 Race, Gender, and Class (SOBE)		
Upper Division Economic Justice Electives	C	6
AFR 428 / JUS 428 Critical Race Theory		
HST 325 Immigration and Ethnicity in the United States (HUAD)		
JUS 303 Justice Theory (CIVI)		
JUS 305 Principles of Justice Studies (HUAD)		
JUS 321 Wealth Distribution and Poverty (SOBE)		
JUS 325 Globalization and Socio-Economic Justice		
JUS 425 Race, Gender, and Justice (CIVI)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 456 Human Rights and Sustainability		
PHI 336 Social and Political Philosophy		
POS 394 Topic: Politics and Inequality in the U.S.		
POS 485 Political Economy (SOBE)		

Requirement	Minimum Grade	Credit Hours
SOC 324 Sociology of Work and Organizations (GCSI)		
SOC 332 The Modern City		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
SST 494 Special Topics		
WST 300 Women and Gender in Contemporary Society (SOBE)		
WST 380 Race, Gender, and Class (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

To declare this certificate, a student must have a minimum of 30 earned credit hours.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the fundamental principles of economic justice to the specific domestic or international issues through community engagement and research.
Critically assess core theory, concepts and methods for the study of economic justice issues.

Career opportunities

Graduates who combine the certificate in economic justice with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Elementary Education Certificate (TEEEDCERT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, ASU Sync

Description: The certificate program in elementary education prepares students to work with children in grades K--8 in an educational setting.

This certificate program can be added only to the following majors in Mary Lou Fulton Teachers College, granting students eligibility for dual teaching certificates at the completion of their undergraduate Bachelor of Arts in Education program:

- BAE in early childhood education
- BAE in secondary education
- BAE in special education

Students engage in innovative coursework grounded in theory-based strategies and evidence-based practices for teaching. Coursework is designed to support the development of instructional competencies, professional skills, content knowledge and pedagogical content knowledge in mathematics, science, English language arts and social studies.

This program has a strong focus on teaching and learning practices that foster equitable access and outcomes for culturally and linguistically diverse students and learners with special needs and exceptionalities.

When added to a bachelor's degree program listed above, graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K--8, as recognized by the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students need to reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
EED 324 Social Studies Methods and the Arts	C	3
EED 411 Science in Elementary Schools	C	3

Requirement	Minimum Grade	Credit Hours
EED 412 Mathematics in Elementary Schools	C	4
EED 433 Writing in the 21st Century	C	3
RDG 413 Elementary Methods for Literacy Instruction and Assessment	C	4
TEL 331 Foundations of Literacy: The Science of Reading	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

This certificate is only open to students majoring in Early Childhood Education, Special Education, and Secondary Education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College. In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

Enrollment requirements

This certificate is open only to students majoring in early childhood education, special education or secondary education undergraduate teacher preparation programs in MLFTC.

Students are required to have a valid Arizona DPS Identity Verified Prints fingerprint clearance card.

A GPA of 2.00 is required for continued good standing. Students should contact MLFTC for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Many graduates with degrees in elementary education also work at community organizations that serve children and youth.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Emergency Management Certificate (PPEMECERT)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Description: Through the undergraduate certificate in emergency management, students gain the skills and knowledge to understand and manage natural and human-made threats and execute complex projects in response. Coursework covers risk assessment, homeland security, cross-boundary collaboration, and rapid resource mobilization.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in emergency management consists of 18 credit hours of coursework.		
Core Courses		
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 261 Hazards and Risk Management	C	3
PAF 360 Emergency Management I	C	3
PAF 362 Biosecurity and Biodefense	C	3
PAF 424 Emergency Management II	C	3
PAF 461 Homeland Security	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students must be accepted to the U.S. Naval Community College to be admitted to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

Career opportunities

Graduates are prepared for careers in emergency management, community resilience, disaster recovery and risk prevention at the local, state and federal levels.

Contact information

School of Public Affairs | USE 138
https://usncc.asu.edu
CISAmilitaryVet@asu.edu
480-965-4464

Emergency Management Essentials Certificate (PPEMESCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The emergency management essentials certificate program equips participants with the skills and knowledge to prepare for, respond to and recover from a wide variety of emergencies and disasters. This program covers the essential principles of emergency management, including risk assessment, disaster preparedness, response coordination and recovery planning. Participants gain practical experience in managing crises, coordinating with public safety agencies, and developing effective emergency plans to mitigate risks and protect communities.

The program is designed for individuals pursuing careers in emergency management, public safety or disaster response; community leaders and government officials looking to enhance their crisis management capabilities; public and private sector employees responsible for organizational emergency preparedness and risk management; and individuals from various fields interested in understanding the strategies and systems needed to manage emergencies and protect communities.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Curriculum

Requirement	Minimum Grade	Credit Hours
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 261 Hazards and Risk Management	C	3
PAF 360 Emergency Management I	C	3

Requirement	Minimum Grade	Credit Hours
PAF 424 Emergency Management II	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is available to current ASU students, as well as students not currently enrolled at ASU in a degree program.

For admission to the university to pursue this certificate, students must apply to the university and meet university admission requirements (https://admission.asu.edu/apply/student-type). Students not currently attending ASU who wish to pursue the certificate should contact an academic advisor in Watts College of Public Service and Community Solutions at spa@asu.edu (mailto:spa@asu.edu) or 602-496-1658 for admission procedures.

Current degree-seeking ASU students can request to add the certificate via the "Add a Certificate" button.

Career opportunities

Graduates possess the knowledge and skills required for entry-level positions in the public sector at the local, state and federal levels, as well as for other opportunities in the commercial and nonprofit sectors. Graduates will have a significant advantage in the coming hiring boom within the field in response to the upcoming wave of retirees in the public sector and increasing demand for public services, especially at the federal level. For those who already possess relevant knowledge and experience, the program provides complementary knowledge valuable for promotion in the field. Graduates also may choose to further their education in graduate programs in emergency management, public policy, law or public administration.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Energy and Sustainability Certificate (SUESUCERT)

College/School: College of Global Futures

Campus: Downtown Phoenix, Polytechnic, Tempe

Description: The transdisciplinary certificate program in energy and sustainability examines current energy systems and explores what will be required to transition to a sustainable energy future.

In a world increasingly focused on climate change, renewable resources and sustainable practices, this program equips students to tackle pressing environmental challenges. They gain expertise in areas such as solar and wind energy, urban sustainability and resource management. With the ability to analyze complex energy systems and policies, certificate holders become invaluable assets in driving sustainability initiatives forward.

Students begin with an overview of how energy affects people's lives, the basic science and methods of energy production, and a full overview of energy policy options. Students may tailor the certificate around their specific

interests in energy with a variety of electives representing a broad array of academic disciplines. Students broaden their energy knowledge by taking courses outside their primary area of study.

This program helps students enhance their understanding of the technology and infrastructure for generating, distributing and using energy; the associated sustainability issues; and the social and policy dimensions of energy systems.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Core Courses		
SOS 171 The Thread of Energy (SUST)	C	3
SOS 314 Basic Energy Science **or** SOS 324 Sustainable Energy Technology and Systems	C	3
SOS 315 Energy Policy	C	3
Upper Division Energy Elective Courses		
Upper Division Energy Elective Courses	C	6
BME 494 Topic: Bioenergy and Microbial Biotechnology		
CEE 361 Introduction to Environmental Engineering		
CHE 469 Air Quality Engineering		
CHE 473 Fuel Cells and Biofuel Cells		
CHE 478 Biomass Energy Conversion Technology		
CHM 494 Topic: Solar Energy Conversion		
CON 448 Sustainable Construction		
EEE 465 Photovoltaic Energy Conversion		
EEE 471 Power System Analysis		
EEE 498 Topic: Lithium-Ion Battery Technlgy Automtve Electrifictn		
EGR 476 Microgrid Design and Operation		
EVE 354 Materials in the Environment		
GCU 364 Energy in the Global Arena		

Requirement	Minimum Grade	Credit Hours
GCU 442 Geographical Analysis of Transportation		
GLG 304 Minerals, Energy, and Society		
JUS 332 Politics of Energy Policy and Justice		
JUS 444 Environment and Justice		
MAE 494 Topic: Energy Efficiency		
PHY 498 Topic: The Science of Sustainable Energy		
PUP 430 Transportation Planning and the Environment		
SOS 323 Sustainable Urban Dynamics		
SOS 373 Minerals, Energy, and Society		
STS 317 Science, Technology, and Global Engagement		
STS 332 Global Issues in Science and Technology		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Some energy elective courses are more technical in nature, which may require additional math and science knowledge or prerequisites.

494 and 498 courses must be taken with the specific topic title indicated above.

Energy elective courses are not limited to courses from this list only. Other courses on energy may be offered (special topics, etc.). Students may request to have those approved as an elective for this certificate by submitting a College of Global Futures Undergraduate Standards petition: https://students.asu.edu/College_Standards_Petitions. Completed petitions may be submitted directly to cgfadvising@asu.edu.

Enrollment requirements

Advising is not required, but students are encouraged to speak with an advisor by scheduling an appointment through the College of Global Futures advising (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate

certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

An understanding of energy is increasingly important for jobs related to climate change, environmental quality, urban sustainability and sustainable development. A certificate in energy and sustainability serves as a strategic career enhancement to any major degree program. This program provides a distinct advantage, positioning graduates competitively for a variety of energy-related job opportunities across sectors.

Government agencies, utilities, nonprofit organizations and private businesses all require professionals with the specialized knowledge and transdisciplinary skills acquired through this program. The combination of skills and knowledge graduates have attained makes them indispensable in shaping a greener and more sustainable future.

Contact information

School of Sustainability | WCPH 4th floor
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
cgfadvising@asu.edu
480-727-6963

Entrepreneurship and Innovation Certificate (BAKEICERT)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: The certificate program in entrepreneurship and innovation engages students, challenging them to discover new ways of thinking while approaching business in a new way. Students benefit from an entrepreneurship curriculum focused on principles that involve the startup of a new organization and its management into a fully established firm.

Beyond those related specifically to entrepreneurial business practices, courses in the certificate in entrepreneurship and innovation include such topics as social entrepreneurship, arts entrepreneurship, idea generation and storytelling as additional perspectives for the student entrepreneur.

Curriculum

Requirement	Minimum Grade	Credit Hours
The entrepreneurship and innovation certificate requires 15 credit hours and is available to all majors. At least 12 credit hours must be upper division. To earn the		

Requirement	Minimum Grade	Credit Hours
certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.		
Required Courses		
ENT 305 Principles of Entrepreneurship	C	3
ENT 340 Creativity and Innovation **or** TEM 230 Creativity and Business Innovation	C	3
ENT 360 Entrepreneurship and Value Creation **or** TEM 400 Technology Entrepreneurship	C	3
Focus Area Electives		
Upper Division Focus Area Electives	C	6
Students will select two courses within the same focus area below. It is the student's responsibility to check the prerequisites required by courses in their discipline.		
American Indian Studies Focus Area		
AIS 375 Indigenous Sustainability and Social Justice		
AIS 385 Entrepreneurship for American Indian Sustainability		
Anticipating Futures Focus Area		
FIS 305 Ways of Knowing		
FIS 307 Navigating Futures (SOBE)		
FIS 308 Politics, Markets and Innovation (CIVI)		
Aviation Management Focus Area		
AMT 491 is required in the aviation management focus area. Students will choose one other AMT course.		
AMT 491 Aviation Management Capstone		
AMT 308 Air Transportation (GCSI)		
AMT 489 Airline Administration		
Biomedical Engineering Focus Area		

Requirement	Minimum Grade	Credit Hours
BME 300 Bioengineering Product Design		
BME 417 Biomedical Engineering Capstone Design I		
Business/Start-up Focus Area		
AGB 456 Food Product Innovation and Development		
ENT 445 Business Model Development		
ENT 446 Venture Capital Experience		
ENT 447 Lean Launch		
ENT 464 Collaborative Design Development I		
ENT 465 Collaborative Design Development II		
ENT 494 Topic: Entrepreneurship Thought Leaders Speaker Series		
FIN 455 Entrepreneurial Finance		
MKT 375 Services Marketing		
Design and Arts Focus Area		
ARA 396 Professional Practices for Design and the Arts		
ARA 460 Gallery Exhibitions		
DSC 394 Topic: Design Entrepreneurship & Society		
FMP 417 Business and Legal Practices in Entertainment		
MUP 438 The Enterprising Artist		
MUP 439 Performing Arts Product Creation and Development		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		
Digital Media Entrepreneurship: Web Focus Area		
AME 435 Mobile Development		

Requirement	Minimum Grade	Credit Hours
GIT 402 New Media Internet Technologies		
GIT 414 Web Site Design and Internet/Web Technologies		
GIT 417 Advanced Web Markup and Scripting		
GIT 435 Website and E-Commerce Strategies		
GIT 480 Senior Project		
Herberger, FSE, WPC: Innovation Space Focus Area		
New product development. Students enroll in the courses associated with their major.		
ENT 464 Collaborative Design Development I		
ENT 465 Collaborative Design Development II		
GRA 464 Collaborative Design Development I		
GRA 465 Collaborative Design Development II		
IND 464 Collaborative Design Development I		
IND 465 Collaborative Design Development II		
Ira A. Fulton School of Engineering: Alternative Energy Entrepreneurship Focus Area		
ALT 420 Electrochemical Energy Technologies		
ALT 435 Applied Photovoltaics		
ALT 445 Automotive and Stationary Fuel Cell Systems		
Ira A. Fulton School of Engineering: Process Innovation Focus Area		
TMC 331 Quality Assurance		
TMC 430 Enterprise Strategy and Innovation		
Ira A. Fulton School of Engineering: New Product Development Focus Area		
CSE 335 Principles of Mobile Application Development		

Requirement	Minimum Grade	Credit Hours
TEM 330 Systems Innovation		
TEM 400 Technology Entrepreneurship		
Ira A. Fulton School of Engineering: Social Entrepreneurship Focus Area		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TEM 482 Startup Workshop		
Small Business Focus Area		
ENT 441 Entrepreneurial Management		
ENT 445 Business Model Development		
ENT 448 Corporate Entrepreneurship		
ENT 494 Topic: Entrepreneurship Thought Leaders Speaker Series		
MKT 435 Entrepreneurial Marketing		
MKT 440 Creating Digital Experiences		
The College of Liberal Arts and Sciences: Science Focus Area		
BIO 312 Bioethics (HUAD)		
BIO 416 Biomedical Research Ethics (CIVI)		
NTR 344 Nutrition Management and Leadership		
PHI 320 Bioethics (HUAD)		
Walter Cronkite School of Journalism and Mass Communication Focus Area		
JMC 455 Digital Media Entrepreneurship		
JMC 473 The Business and Future of Journalism		
JMC 477 New Media Innovation and Entrepreneurship Lab		
MCO 335 Social Media Foundations		

Requirement	Minimum Grade	Credit Hours
MCO 425 Digital Media Literacy I		
Watts College of Public Service and Community Solutions Focus Area		
NLM 410 Social Entrepreneurship		
NLM 430 Managing Nonprofit Organizations		
NLM 435 Service Learning for Community Development		
PRM 402 Assessment and Evaluation of Community Services (QTRS)		
PRM 427 Where's the Money: Special Event Revenue Generation		
PRM 475 Entrepreneurial Recreation and Tourism		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The certificate in entrepreneurship and innovation is available to all ASU students in good standing except those majoring in business entrepreneurship, management with a concentration in entrepreneurship, and technology entrepreneurship and management.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students advance their career options through this undergraduate certificate program, developing additional competencies that complement the marketable knowledge and skills they acquire in their majors. Those who complete this program often decide to pursue employment in management, sales and marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Technology,Innovation & Entrepreneurship | BA 318
https://wpcarey.asu.edu/undergraduate
wpcareymgt@asu.edu
480-965-3431

Environmental Education Certificate (TEEVEDCERT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, Online

Description: The certificate program in environmental education is for students in all majors and for nontraditional educators. The program is designed to establish standards for professional excellence in environmental education, as outlined by the North American Association for Environmental Education.

Environmental education is taught in traditional classrooms and in community-serving organizations such as nature centers, museums, parks and zoos. The program's required coursework increases the environmental literacy of future educators, fosters community leadership strategies, and provides students with opportunities to practice environmental education teaching methods.

Students who complete the certificate program are eligible to apply for the state-level environmental education certification recognized by the North American Association for Environmental Education.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires a minimum of 15 credit hours, 12 of which must be upper division. A "C" or better is required in all coursework.		
Required Courses		
Required Core Courses		
SCN 208 Nature and Society: An Introduction to Environmental Studies (SCIT)		
SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)		
SCN 302 Environmental Education: A Global Perspective (GCSI)	C	3
SCN 307 Biomimicry: Nature's Sustainable Solutions (SUST)		
SCN 308 Urban Sustainability and Environmental Education (SUST)		
SCN 310 Race to Save Biodiversity		
Upper Division Required Core Courses		
SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)		
SCN 302 Environmental Education: A Global Perspective (GCSI)		
SCN 307 Biomimicry: Nature's Sustainable Solutions (SUST)	C	6
SCN 308 Urban Sustainability and Environmental Education (SUST)		
SCN 310 Race to Save Biodiversity		

Requirement	Minimum Grade	Credit Hours
Elective Courses		
Upper Division Elective Courses		
SCN 303 Environmental Education Internship		
SCN 304 Sonoran Desert Flora		
SCN 305 Tropical Ecology and Sustainability	C	6
SCN 309 Environmental Education Project		
SCN 311 Nature Mindfully		
Any course not taken to satisfy the core requirements may be used to satisfy electives.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Effectively apply knowledge of environmental issues to create new patterns of environmental stewardship within individuals, groups and society.
Design solutions to address environmental issues.
Implement environmental education strategies in response to community needs.

Career opportunities

Graduates who combine the certificate in environmental education with their major program of study may become more marketable to employers. They often decide to pursue employment in educational settings such as nonprofit organizations, nature centers, museums, parks and zoos.

The environmental education certificate does not lead to teacher certification.

Contact information

Division for Advancing Education Policy, Practice | ED 118
https://education.asu.edu/
educationadvising@asu.edu
480-965-5555

Environmental Humanities Certificate (LAENHCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The environmental humanities certificate program is for students who are interested in humanities-based approaches to the current global environmental crisis, a vital area of study.

Courses are focused on the human relationship to the environment and the relationship between nature and culture. To gain practical experience, students also complete an internship in environmental activism, policy development, education or another pertinent area.

Curriculum

Requirement	Minimum Grade	Credit Hours
The environmental humanities certificate consists of 15 hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the certificate.		
Required Course		
ENG 367 Environmental Issues in Literature and Film **or** ENG 371 Rhetoric of the Environmental Movement **or** ENG 378 Environmental Creative Nonfiction (HUAD)	C	3
Internship or Independent Study		
ENG 484 Topic: Environmental Humanities Certificate **or** ENG 499 Individualized Instruction **or** EVE 452 Environmental Investigation and Remediation Design Students majoring in environmental engineering are encouraged to take EVE 452 to fulfill this requirement.	C	3
Electives		
Upper Division Electives	C	6
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 370 / SOS 370 Ethics of Eating (SUST)		
BIO 324 / PHI 310 Environmental Ethics (SUST)		

Requirement	Minimum Grade	Credit Hours
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 468 Environmental Literary Criticism (HUAD)		
HST 342 U.S. West 20th Century		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		
JUS 444 Environment and Justice		
PSY 306 Environmental Psychology		
REL 349 / JST 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOC 331 Environmental Sociology (SUST)		
SOS 320 Society and Sustainability (SOBE)		
Electives	C	3
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 370 / SOS 370 Ethics of Eating (SUST)		
BIO 324 / PHI 310 Environmental Ethics (SUST)		
CEE 181 Technological, Social, and Sustainable Systems (SUST)		
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		

Requirement	Minimum Grade	Credit Hours
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 468 Environmental Literary Criticism (HUAD)		
HST 342 U.S. West 20th Century		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		
JUS 444 Environment and Justice		
PSY 306 Environmental Psychology		
REL 349 / JST 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOC 331 Environmental Sociology (SUST)		
SOS 110 Building a Sustainable World (SUST)		
SOS 320 Society and Sustainability (SOBE)		
Other courses may be used by approval of an academic advisor in the Department of English.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Produce analytic writing about environmental issues that meets or exceeds standards in the field.
Engage critically with writing and group oral discussion assignments, and with up-to-date scholarly or creative environmental humanities texts.
Present team-prepared oral presentations on the cultural elements of an environmental challenge they are studying in order to prepare to learn teamwork and how to present pressing issues accessibly to the public.

Career opportunities

Graduates with this certificate have gained a multidisciplinary knowledge base and practical skill set that enable them to enact social and environmental change. They are well prepared for careers in sustainability, environmental science and public policy, and they are better equipped to implement environmentally responsible practices in their own lives.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

Environmental Humanities Certificate (LSENHCERT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: The environmental humanities certificate program offers students who are interested in humanities-based approaches to environmental or place-based questions an option to focus on this vital area of study. Students take courses and electives from selected programs focused on the human relationship to the environment and the relationship between nature and culture.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate is comprised of 15 credit hours, including at least 12 upper-division credit hours. Six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts (CISA). A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.		
Core Courses		
Upper Division Core Courses		9
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
HST 345 Environmental History (SUST)		
IDS 316 Topic: Park Futures		

Requirement	Minimum Grade	Credit Hours
Other ENG courses may be approved by CISA advisors depending on special or variable topics courses available in given semesters.		
Elective Courses		
Complete at least two additional courses for a maximum of 6 credit hours. Students must work with an academic advisor in the College of Integrative Sciences and Arts to select electives. Some courses are limited to students majoring in the discipline, have prerequisites or cannot be taken in combination with another course on the list. Additional courses may be approved by the College of Integrative Sciences and Arts advisor depending on special or variable topics courses available in given semesters.		

Requirement	Minimum Grade	Credit Hours
Elective Courses		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 359 Indigenous American Literature		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 468 Environmental Literary Criticism (HUAD)		
GPH 210 Society and Environment		
HST 280 History of Science, Technology and Innovation (GCSI)		
HST 344 Arizona		
IAS 409 Eco-Community Ethics	C	3
IDS 311 Topic: Integrative Sustainability: Past, Future,Practice		
IDS 312 Topic: Predators, Pets, and Pests		
JUS 444 Environment and Justice		
LSC 362 The Human Environment		
PRM 380 Wilderness and Parks in America (SUST)		
SOS 100 Introduction to Sustainability (SUST)		
STS 203 Animals, Technology and Society (HUAD)		
TDM 480 Sustainable Tourism		
Upper Division Elective Courses	C	3
ASB 326 Human Impacts on Ancient Environments (SUST)		
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 359 Indigenous American Literature		

Requirement	Minimum Grade	Credit Hours
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 468 Environmental Literary Criticism (HUAD)		
HST 344 Arizona		
IAS 409 Eco-Community Ethics		
IDS 311 Topic: Integrative Sustainability: Past, Future,Practice		
IDS 312 Topic: Predators, Pets, and Pests		
JUS 444 Environment and Justice		
LSC 362 The Human Environment		
PRM 380 Wilderness and Parks in America (SUST)		
TDM 480 Sustainable Tourism		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The environmental humanities certificate is available to all ASU undergraduate students.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

An undergraduate certificate can help in career advancement. Graduates who have this specialization in environmental humanities as a complement to their major program of study may become more marketable to employers.

Graduates who have completed this undergraduate certificate often decide to pursue employment in environmental restoration planning, environmental protection or environmental communication.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Environmental Justice Certificate (ASEJCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: This certificate program in environmental justice prepares students to advocate for current and future environmental issues by critically assessing and evaluating the social and environmental issues at hand. By merging the social, scientific, historical and cultural aspects of environmental justice, students gain the ability to communicate with and for marginalized communities that disproportionately experience environmental hazards. By utilizing scientific concepts and evidence-based cases, students work towards applying positive changes in all communities they serve.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in environmental justice consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Courses		
ENV 200 Introduction to Justice in the Environment (CIVI) **or** IAS 200 Introduction to Justice in the Environment (CIVI) **or** JHR 200 Introduction to Justice in the Environment (CIVI)	C	3
ENV 201 Fundamentals of Environmental Science (SUST) **or** BIO 130 Introduction to Environmental Science (SCIT) **or** ENV 130 Introduction to Environmental Science (SCIT)	C	3
Environmental Justice Electives		
Upper Division Environmental Justice Electives	C	12
ABS 302 Ethical and Policy Issues in Biology (HUAD)		
ABS 394 Topic: Human Rights and Environmental Management		
ABS 479 Ecosystem Management and Planning		
ASB 343 / PUP 343 / SOS 343 / TCL 343 Latinas/os and the Environment		
ASB 463 / SOS 463 / TCL 443 Political Ecology of the Border		

Requirement	Minimum Grade	Credit Hours
COM 328 Communicating Science		
COM 415 Risk Communication (SOBE)		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
ENV 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications		
EXW 450 Social Drivers of Health (CIVI)		
FIS 444 / JUS 444 Environment and Justice		
HCR 336 Environmental Community Health		
HEP 355 Population Health and Climate Change (SUST)		
IAS 340 / PHI 320 Bioethics (HUAD)		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JUS 332 Politics of Energy Policy and Justice		
NTR 353 The Western Diet		
PBH 435 Environmental and Occupational Health		
PUP 411 Environment, Justice and Cities (CIVI)		
SOC 331 Environmental Sociology (SUST)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 444 Climate Change, Society and Sustainability		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates with a certificate in environmental justice may be interested in careers such as:

climate journalist
environmental analyst
environmental consultant
environmental policy advisor
sustainability specialist

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/programs/undergraduate/minors-certs/list
mnsadvising@asu.edu
602-543-3000

Essentials of Credit and Leasing Certificate (BAECLCERT)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: According to the Equipment Leasing and Finance Association, the U.S. equipment finance industry exceeds one trillion dollars, with nearly 80% of businesses using loans, leases or lines of credit to finance equipment and software purchases. Of the two trillion dollars in total value of purchases from American businesses, nonprofits and government agencies, an estimated 57.3% is financed. The unsecured commercial lending market is large as well, estimated at $4.3 trillion globally in 2021. https://www.alliedmarketresearch.com/unsecured-business-loans-market-A15157 (https://www.alliedmarketresearch.com/unsecured-business-loans-market-A15157)

The certificate program in essentials of credit and leasing equips students with an understanding of the decision-making criteria for the provision of credit and other nonequity financing, as well as develops marketing skills necessary for success in the credit and leasing industry. Through coursework, students develop a strong foundation in theory to enable critical thinking and problem-solving for financing challenges facing modern businesses, particularly in the small- to medium-enterprise segment.

Students who intend to become business owners can benefit from the course of study since it enhances familiarity with ways to secure finance necessary for growth.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires 15 upper-division credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for all coursework.		
Required Courses		
FIN 300 Fundamentals of Finance **or** FIN 302 Managerial Finance **or** FIN 303 Honors Finance FIN 302 is available only to Finance majors.	C	3
FIN 350 Credit Analysis	C	3
MKT 300 Marketing and Business Performance **or** MKT 302 Strategic Marketing Management **or** MKT 303 Honors Marketing Theory and Practice MKT 302 is available only to Marketing majors.	C	3
Electives		
Upper Division Electives ACC 310 Intermediate Accounting ACC 310 is available only to Business (Corporate Accounting) majors. ACC 440 External Reporting II ACC 440 is available only to Accountancy or Finance majors. FIN 331 Financial Markets and Institutions FIN 431 Management of Financial Institutions FIN 431 is available only to Finance majors. MKT 370 Professional Sales and Relationship Management	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is only available to W. P. Carey Bachelor of Science students or Bachelor of Arts students with a concentration in business.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree.

Career opportunities

The certificate program provides the fundamental knowledge across business disciplines necessary to contribute and succeed in banks, independent credit and leasing firms, and captive finance divisions.

Graduates are prepared for work across the commercial lending landscape, including at specialized finance companies, equipment manufacturers and the traditional banking sector, as well as for entrepreneurial ventures. According to the U.S. Bureau of Labor Statistics, the average salaries of related careers are as follows (May 2023):

budget analyst: $90,880
credit analyst: $94,750
financial examiner: $98,140
financial manager: $174,820
financial risk specialists: $118,950
loan officers: $84,490
property appraisers and assessor: $76,100

Contact information

Department of Finance | BAC 501
https://wpcarey.asu.edu/undergraduate
wpcareyfin@asu.edu
480-965-3131

Ethics Certificate (LAETHCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The ethics certificate program gives students a richer understanding of systematic philosophical thinking about ethics. Students with majors in business, nursing, journalism and public administration, as well as those who plan to pursue legal careers, among others, may find that training in ethics is beneficial to their career goals.

The certificate program permits some flexibility regarding course selection, thereby facilitating particular student interests.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in ethics consists of 18 credit hours. All courses must be passed with a minimum grade of "C" (2.00 on a 4.00 scale). At least 12 credit hours must be upper division. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
PHI 335 History of Ethics (GCSI) **or** PHI 337 Ethical Theory **or** PHI 338 Metaethics	C	3
Upper Division Electives	C	9

Requirement	Minimum Grade	Credit Hours
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 307 Philosophy of Law (AMIT)		
PHI 310 Environmental Ethics (SUST)		
PHI 320 Bioethics (HUAD)		
PHI 324 Existential Ethics		
PHI 326 Philosophy of Happiness (HUAD)		
PHI 335 History of Ethics (GCSI)		
PHI 336 Social and Political Philosophy		
PHI 337 Ethical Theory		
PHI 338 Metaethics		
PHI 347 Philosophical Theories of Constitutional Law		
PHI 350 Philosophy, Politics and Economics (SOBE)		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 370 Sports Ethics (HUAD)		
PHI 394 Topic: Game Thry Market & Just: Intro Phil Politics, Econ		
PHI 405 Moral Psychology		
PHI 406 Moral Dilemmas		
PHI 408 Feminist Ethics (HUAD)		
PHI 409 Eco-Community Ethics		
PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. Only topics related to ethics will apply to the certificate.		
PHI 420 Topic: Blame		

Requirement	Minimum Grade	Credit Hours
PHI 420 Topic: Disaster Ethics		
PHI 420 Topic: Ethics, Big Data and AI		
PHI 420 Topic: Ethics in Plato & Aristotle		
PHI 420 Topic: Ethics of Sustainability		
PHI 420 Topic: Fairness		
PHI 420 Topic: Feminist Philosophical Literature		
PHI 420 Topic: Foundations of Bioethics		
PHI 420 Topic: Justice		
PHI 420 Topic: Kantianism vs Utilitarianism and Applied Ethics		
PHI 420 Topic: Medical Ethics		
PHI 420 Topic: Normative Ethics		
PHI 420 Topic: The Philosophy of Dehumanization		
PHI 420 Topic: Political Philosophy and Pandemic Ethics		
PHI 420 Topic: Positive Moral Philosophy		
PHI 420 Topic: Topics: Race, Gender & Disability		
PHI 420 Topic: Racial Justice in Healthcare		
PHI 420 Topic: Stoicism		
PHI 420 Topic: Well-Being: Philosophy of Happiness		
One course outside the list of electives, and perhaps outside the PHI subject code, may be used with written approval of the director of undergraduate studies.		
Electives	C	6
PHI 105 Intro to Ethics (HUAD)		
PHI 107 Introduction to Philosophy of Sex and Love		

Requirement	Minimum Grade	Credit Hours
PHI 120 Introduction to Medical and Bioethics (HUAD)		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 307 Philosophy of Law (AMIT)		
PHI 310 Environmental Ethics (SUST)		
PHI 320 Bioethics (HUAD)		
PHI 324 Existential Ethics		
PHI 326 Philosophy of Happiness (HUAD)		
PHI 335 History of Ethics (GCSI)		
PHI 336 Social and Political Philosophy		
PHI 337 Ethical Theory		
PHI 338 Metaethics		
PHI 347 Philosophical Theories of Constitutional Law		
PHI 350 Philosophy, Politics and Economics (SOBE)		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 370 Sports Ethics (HUAD)		
PHI 394 Topic: Game Thry Market & Just: Intro Phil Politics, Econ		
PHI 405 Moral Psychology		
PHI 406 Moral Dilemmas		
PHI 408 Feminist Ethics (HUAD)		
PHI 409 Eco-Community Ethics		
PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. Only topics related to ethics will apply to the certificate.		

Requirement	Minimum Grade	Credit Hours
PHI 420 Topic: Blame		
PHI 420 Topic: Disaster Ethics		
PHI 420 Topic: Ethics, Big Data and AI		
PHI 420 Topic: Ethics in Plato & Aristotle		
PHI 420 Topic: Ethics of Sustainability		
PHI 420 Topic: Fairness		
PHI 420 Topic: Feminist Philosophical Literature		
PHI 420 Topic: Foundations of Bioethics		
PHI 420 Topic: Justice		
PHI 420 Topic: Kantianism vs Utilitarianism and Applied Ethics		
PHI 420 Topic: Medical Ethics		
PHI 420 Topic: Normative Ethics		
PHI 420 Topic: The Philosophy of Dehumanization		
PHI 420 Topic: Political Philosophy and Pandemic Ethics		
PHI 420 Topic: Positive Moral Philosophy		
PHI 420 Topic: Topics: Race, Gender & Disability		
PHI 420 Topic: Racial Justice in Healthcare		
PHI 420 Topic: Stoicism		
PHI 420 Topic: Well-Being: Philosophy of Happiness		
One course outside the list of electives, and perhaps outside the PHI subject code, may be used with written approval of the director of undergraduate studies.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this

certificate.

Not all courses for this program are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

Incompatible Majors: BA in philosophy (morality, politics and law)

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to evaluate how well different normative ethical theories such as consequentialism, deontology and virtue theory provide moral standards that dictate which (if any) actions are right and wrong or how well different metaethical theories such as realism, expressivism, relativism, nihilism, compatibilism or incompatibilism account for the meaning and truth of moral claims.
Students will be able to apply leading ethical theories to practical ethical questions that arise in life.

Career opportunities

An undergraduate certificate can advance students' career options. Graduates are more marketable to employers when they have complemented their major program of study with this specialization in ethics. The certificate is evidence of analytical, reasoning and writing skills and competence in areas of increasing concern to employers, such as ethics, public policy and justice.

Graduates with this certificate often decide to pursue careers in business, law, policy or politics. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Ethnic Studies Certificate (ASETHCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: Through the certificate program in ethnic studies, students explore the changing political, social, economic and cultural realities of racial, ethnic and Indigenous communities in the United States and the Americas.

The coursework combines topics in the humanities, arts and social sciences, and instruction is given on methods to critically analyze racial, ethnic, gender and sexual identities; transnational movements; and diverse forms of cultural, literary and political expression.

The certificate in ethnic studies is recommended for degree-seeking and nondegree-seeking graduate students and students majoring in professional programs.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in ethnic studies consists of 18 upper-division credit hours. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
ETH 100 Ethnic and Indigenous Lives (GCSI)	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
Upper Division Ethnic Studies Electives	C	12
AMS 332 Studies in Race and Ethnicity		
ASB 342 / SBS 342 / SOC 342 Mexico-U.S. Borderlands		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ENG 338 Protest Literature		
ENG 359 Indigenous American Literature		
ENG 420 / IAS 420 Multicultural Autobiographies (HUAD)		
ENG 462 Africana Literature		
ENG 463 African American Literature		
ENG 476 Studies in Folklore		
ENG 353 / ETH 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 / ETH 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ETH 380 / WST 380 Race, Gender, and Class (SOBE)		
AMS 428 / ETH 428 Peoples and Cultures of the American West, to 1848		
ETH 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		

Requirement	Minimum Grade	Credit Hours
ETH 450 Latina/os, Schooling and Social Inequality		
ETH 473 / WST 473 Indigenous and Latina/Chicana Representation		
ENG 484 / ETH 484 / JHR 484 Topic: Pen Project Prison Teaching		
ETH 499 Individualized Instruction		
HST 419 20th Century Chicano/a History		
IAP 302 Cross-Cultural Perspectives on the Arts		
IAP 464 Media and Diversity (HUAD)		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		
SBS 301 Cultural Diversity (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate program is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This program prepares students for graduate study or for careers in a variety of fields, including business, health care, criminal justice, social services, education, public relations, community development, public policy and government. Potential careers include community health worker, social and community service manager, secondary and high school teacher, and journalist.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASETHCERT/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

European Studies Certificate (LAESCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The European studies certificate program provides a broad overview of European countries, including their natural environment and their cultural, demographic, economic and political characteristics.

The program focuses on the interconnectedness of European politics, religious diversity, ethnicities, socioeconomic justice and sustainable solutions. It also develops students' ability to analyze the historical development of the region and its exchanges with other world cultures.

Students analyze what it has meant to be European in the past, how the concept has shifted in a globalized world, and how that knowledge can be applied to contemporary political and cultural debates as well as to professional opportunities in the region.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours of upper-division coursework. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Core Courses		
GCU 325 Geography of Europe (GCSI) **or** POS 352 European Democracies	C	3
SLC 429 Studies in European Literature and Culture **or** ENG 429 Studies in European Literature and Culture **or** CEL 429 Studies in European Literature and Culture **or** THE 429 Studies in European Literature and Culture	C	3
Electives (choose two)		
Upper Division Electives	C	6
CEL 375 Politics and Leadership in the Age of Revolutions, 1776-1826		
CEL 394 Topic: Faith and Reason: The Trial of Galileo		
CEL 394 Topic: Justice and Virtue		
CEL 394 Topic: War&Culture Cntrl Europe: Empire or Lib Democracy		
CEL 481 Debating Globalism and Nationalism, Past and Present		
CEL 494 Topic: Classical Mythology and the Western Tradition		
FRE 321 French Cultural Masterpieces I		

Requirement	Minimum Grade	Credit Hours
FRE 322 French Cultural Masterpieces II		
FRE 414 / ITA 414 / SLC 414 French and Italian Popular Culture (GCSI)		
FRE 415 French Civilization I		
FRE 416 French Civilization II		
FRE 494 / ITA 494 Topic: Paris & Florence in the Middle Ages (1100-1500) **or** SLC 494 Topic: Paris and Florence in the Middle Ages (1100-1500)		
GCU 325 Geography of Europe (GCSI)		
GCU 426 Geography of Russia and Surroundings		
GER 416 German Civilization		
GER 422 German Literature Survey, 1800-Today		
GER 445 / FMS 445 Holocaust, War and German Memory		
GER 446 Weimar-Era German Film (HUAD)		
GER 447 / SLC 447 German Modernism		
GRK 344 / LAT 344 / SLC 344 Classics and Comics		
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 360 / LAT 360 / SLC 360 / HST 397 Greece and Rome at War		
GRK 362 / SLC 362 / REL 360 Ancient Greek Religion		
HST 304 / JST 304 Studies in European History		
HST 351 Renaissance Europe		
HST 352 Europe's Reformations		
HST 354 Revolutionary Europe (GCSI)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 356 Europe since 1945		

Requirement	Minimum Grade	Credit Hours
HST 359 Jewish History from 1492 to 1948		
HST 361 Witchcraft and Heresy in Europe (HUAD)		
HST 364 Sex and Society in Europe		
HST 368 Culture and Imagination in European History		
HST 370 Eastern Europe in Transition		
HST 373 / LAT 373 / SLC 373 Roman History I: Foundations and Republic		
HST 374 / LAT 374 / SLC 374 Roman History II: The Roman Empire (GCSI)		
HST 427 French Revolution/Napoleonic Era		
HST 429 Modern Germany		
HST 465 Women in Europe, 1750 to Present		
ITA 315 Italian Culture: The Good, The Bad and The Ugly (GCSI)		
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans		
ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)		
ITA 350 / SLC 350 Food and Culture: The Mediterranean Lifestyle in Italy		
ITA 423 / SLC 423 Italian Organized Crime in Films and History (HUAD)		
POS 352 European Democracies		
POS 356 European Union (GCSI)		
REL 312 History and Memory of the Holocaust		
REL 377 Religion in Russia		
REL 382 Magick, Religion and Science		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
RUS 430 Russian Short Story (HUAD)		

Requirement	Minimum Grade	Credit Hours
RUS 440 Russian Mass Media		
SLC 442 / ROM 442 Dracula and Vampire Lore (HUAD)		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
Capstone Experience (choose one)		
Upper Division Capstone Experience Courses	C	3
Independent Study with Area Expert:		
FRE 499 Individualized Instruction		
GER 499 Individualized Instruction		
ITA 499 Individualized Instruction		
ROM 499 Individualized Instruction		
RUS 499 Individualized Instruction		
SLC 499 Individualized Instruction		
SPA 499 Individualized Instruction		
Internship:		
FRE 484 Internship		
GER 484 Internship		
ITA 484 Internship		
RUS 484 Internship		
SLC 484 Internship		
SPA 484 Internship		
Professional Seminar:		

Requirement	Minimum Grade	Credit Hours
SLC 498 Pro-Seminar		
SPA 498 Pro-Seminar		
Students select a Capstone Experience from the list in consultation with the European Studies certificate coordinator and academic advisor. Students may use credit earned on a study abroad program in a European country. Placement of the credit must be reviewed and approved by the European Studies certificate faculty coordinator and the academic advisor.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze the historical and contemporary borders of Europe and its sub-regions.
Communicate research findings on a topic of European studies in an oral presentation using visual materials.

Career opportunities

Graduates with a certificate in European studies are attractive to employers looking for people who are aware of international cultural differences and the role of history and politics in current decision-making, and who can easily process information in a globalized world. Graduates may choose to pursue careers in international business, international relations, the nonprofit or government sector, tourism, hospitality or education.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/european-studies-certificate
silcadvising@asu.edu
480-965-6281

Evolutionary Medicine Certificate (LAEVMDCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: In the evolutionary medicine certificate program, students discover a burgeoning new field that is improving human health and transforming our understanding of disease by merging the fields of evolutionary biology, genetics, medicine, global health and public health.

Students integrate perspectives from across these fields to investigate questions about health and disease in the context of human history. Using their mastery of these new approaches within the biological and social sciences, they address emerging and anticipated public needs, such as reemerging infectious disease, challenges facing vaccination, expanding chronic disease and other growing public health crises.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in evolutionary medicine consists of 15 credit hours, at least 12 of which must be upper division. All 15 credit hours must be completed at ASU. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.		
Required Courses		
ASM 403 Evolutionary Medicine and Global Health **or** BIO 403 Evolutionary Medicine and Global Health	C	3
ASB 408 Advanced Evolutionary Medicine **or** BIO 408 Advanced Evolutionary Medicine	C	3
Electives		
Evolutionary Medicine Electives	C	3
ASB 250 / BIO 250 Introduction to Evolution and Medicine (SOBE)		
ASB 448 Maternal and Child Health		
ASB 462 Medical Anthropology: Culture and Health (SOBE)		
ASM 246 Human Origins (SOBE)		
ASM 342 / BIO 327 Evolution of Human Behavior		
ASM 345 Disease and Human Evolution		
ASM 394 / BIO 394 Topic: Ecology and Evolution of Infectious Diseases		
ASM 401 Health and Human Biology		
ASM 446 / BIO 446 Principles of Human Genetics		
ASM 456 Infectious Disease and Human Evolution		
ASM 494 / BIO 494 Topic: Evolution and Mental Disorders		
BIO 302 Cancer--Mother of All Diseases		

Requirement	Minimum Grade	Credit Hours
BIO 318 / HPS 331 History of Medicine (HUAD)		
BIO 345 Evolution		
BIO 394 / PSY 394 Topic: Introduction to Evolutionary Psychology		
BIO 440 / MBB 440 Functional Genomics		
BIO 462 Endocrine Physiology		
MBB 445 / MIC 445 Techniques in Molecular Biology/Genetics		
MIC 205 Microbiology (SCIT) **or** MIC 220 Biology of Microorganisms		
MIC 314 HIV/AIDS: Science, Behavior, and Society		
MIC 425 Advanced Immunology		
Upper Division Evolutionary Medicine Electives	C	6
ASB 448 Maternal and Child Health		
ASB 462 Medical Anthropology: Culture and Health (SOBE)		
ASM 342 / BIO 327 Evolution of Human Behavior		
ASM 345 Disease and Human Evolution		
ASM 394 / BIO 394 Topic: Ecology and Evolution of Infectious Diseases		
ASM 401 Health and Human Biology		
ASM 446 / BIO 446 Principles of Human Genetics		
ASM 456 Infectious Disease and Human Evolution		
ASM 494 / BIO 494 Topic: Evolution and Mental Disorders		
BIO 302 Cancer--Mother of All Diseases		
BIO 318 / HPS 331 History of Medicine (HUAD)		
BIO 345 Evolution		

Requirement	Minimum Grade	Credit Hours
BIO 394 / PSY 394 Topic: Introduction to Evolutionary Psychology		
BIO 440 / MBB 440 Functional Genomics		
BIO 462 Endocrine Physiology		
MBB 445 / MIC 445 Techniques in Molecular Biology/Genetics		
MIC 314 HIV/AIDS: Science, Behavior, and Society		
MIC 425 Advanced Immunology		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate mastery of key evolutionary concepts related to human health and disease.
Able to appropriately analyze data relevant to evolutionary medicine.

Career opportunities

Graduates of the evolutionary medicine certificate program have gained integrated and individualized skills that are in high demand to address a growing need for innovation in medicine and public health care. Graduates who combine this certificate program with their major program of study are well prepared for roles in a variety of fields, including biology, medicine, law and ethics.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degrees/minorscertificates

sols.advising@asu.edu
480-727-6277

Family Communication Certificate (ASFAMCCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The certificate program in family communication focuses on issues that affect communication within the family. It complements the communication program by bringing together an array of courses that have implications for the family unit, such as courses in new media and health. Students are encouraged to also take courses in other disciplines that complement the family-related communication courses.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in family communication consists of 19 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
COM 312 Communication, Conflict, and Negotiation (CIVI) **or** COM 410 Advanced Interpersonal Communication (SOBE) **or** COM 417 Communication and Aging	C	3
COM 411 Communication in the Family (SOBE)	C	3
COM 485 Communication Portfolio	C	1
Family Communication Electives Students must complete courses from at least two different areas below. Students must also complete at least two courses outside of the COM subject.		
Upper Division Family Communication Electives Students must complete courses from at least two different areas below. Students must also complete at least two courses outside of the COM subject. Social and Cultural Elements of the Family Electives: AFR 370 Family Ethnic and Cultural Diversity (CIVI) ASB 346 Marriage and Family Diversity (SOBE) ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI) COM 310 Communication in Interpersonal Relationships (SOBE)	C	6

Requirement	Minimum Grade	Credit Hours
COM 316 Gender and Communication (SOBE)		
COM 410 Advanced Interpersonal Communication (SOBE)		
COM 432 Forgiveness and Reconciliation		
FAS 301 Introduction to Parenting		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
FAS 435 Advanced Topics in Modern Family Relationships (SOBE)		
PSY 385 Psychology of Gender (SOBE)		
SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)		
SOC 415 Families and Social Policy		
Health and Family Development Electives:		
CDE 430 Infant and Toddler Development in the Family (SOBE)		
COM 417 Communication and Aging		
FAS 332 Human Sexuality (SOBE)		
FAS 436 Sexuality in Mid-Life and Beyond		
PSY 341 Developmental Psychology (SOBE)		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
SOC 312 Adolescence (SOBE)		
Technology, Media and the Family Electives:		
COM 416 Gender and Race in the Media		
COM 424 Television Studies and Criticism		

Requirement	Minimum Grade	Credit Hours
COM 457 New Media		
COM 471 Global Media and Cultural Identity (GCSI)		
MCO 473 Sex, Love, and Romance in the Mass Media		
Community Application Electives:		
COM 314 Inner-City Families: The Cycle of Poverty		
COM 484 Internship		
Family Communication Electives	C	6
Students must complete courses from at least two different areas below. Students must also complete at least two courses outside of the COM subject.		
Social and Cultural Elements of the Family Electives:		
AFR 370 Family Ethnic and Cultural Diversity (CIVI)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		
COM 310 Communication in Interpersonal Relationships (SOBE)		
COM 316 Gender and Communication (SOBE)		
COM 410 Advanced Interpersonal Communication (SOBE)		
COM 432 Forgiveness and Reconciliation		
FAS 301 Introduction to Parenting		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
FAS 435 Advanced Topics in Modern Family Relationships (SOBE)		
PSY 385 Psychology of Gender (SOBE)		
SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)		

Requirement	Minimum Grade	Credit Hours
SOC 415 Families and Social Policy		
Health and Family Development Electives:		
CDE 430 Infant and Toddler Development in the Family (SOBE)		
COM 417 Communication and Aging		
CRJ 204 Juvenile Justice		
FAS 332 Human Sexuality (SOBE)		
FAS 436 Sexuality in Mid-Life and Beyond		
PSY 341 Developmental Psychology (SOBE)		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
SOC 312 Adolescence (SOBE)		
Technology, Media and the Family Electives:		
COM 416 Gender and Race in the Media		
COM 424 Television Studies and Criticism		
COM 457 New Media		
COM 471 Global Media and Cultural Identity (GCSI)		
ENG 244 Introduction to Researching Family History		
MCO 473 Sex, Love, and Romance in the Mass Media		
Community Application Electives:		
COM 314 Inner-City Families: The Cycle of Poverty		
COM 484 Internship		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate program is open to students in any major. Students who wish to pursue the certificate should consult an academic advisor in the School of Social and Behavioral Sciences to ensure that an appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This is a valuable certificate for students who plan to enter careers or graduate study in fields such as psychology, counseling, family studies, social work, medicine, nursing, law, aging, pastoral care, human services, media or communication technology.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASFAMCCERT/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Field Geology Certificate (LAFDGCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in field geology prepares undergraduate students with the core knowledge base and field experience to identify, describe, collect and interpret a variety of types of geological field data.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires a minimum of 15 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.		
GLG 310 Structural Geology	C	3
GLG 452 Field Geology II	C	3
GLG 455 Advanced Field Geology	C	3
Upper Division Field Geology Electives	C	3

Requirement	Minimum Grade	Credit Hours
GLG 362 Geomorphology		
GLG 420 Volcanology		
GLG 424 Petrology		
GLG 435 Sedimentology and Stratigraphy		
GLG 489 Field Geochemistry		
Field Geology Electives		
GLG 362 Geomorphology		
GLG 420 Volcanology		
GLG 424 Petrology	C	3
GLG 435 Sedimentology and Stratigraphy		
GLG 489 Field Geochemistry		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students must complete the following prerequisite courses or their equivalencies with a grade of "C" or higher (scale is 4.00 = "A") to pursue the field geology certificate:

GLG 101 Introduction to Geology I (Physical) and GLG 103 Introduction to Geology I Laboratory, or
SES 121 Earth, Solar System and Universe and SES 123 Earth, Solar System and Universe Laboratory, and
GLG 321 Mineralogy and GLG 451 Field Geology I

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Interpret a variety of types of geologic field data.

Prepare an interpretive written and illustrated technical report based on a geologic map they develop from field observations and data collection.

Career opportunities

Graduates who have completed this undergraduate certificate have a strong, field-based background; this is required for many entry-level jobs with resource mining, geotechnical and environmental consulting companies. It is also a strong asset for acceptance to many graduate research programs in the earth sciences.

Career opportunities include:

geologic materials technician
geologic sample test technician
geoscientist
geotechnician
mining and geological engineer

Sample career settings include:

environmental industry
geotechnical industry
mining and petroleum industries

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Film and Video Studies Certificate (ASVIDCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: In the interdisciplinary film and video studies certificate program, students explore film theory and the practice of the moving image. They have the opportunity to develop their interests, skills and understanding of the forms, channels, technologies and histories of the media arts.

Coursework enables students to become more astute critics of film and media arts. They learn about the history of film, television and video arts as well as their place in social, cultural and political expression. Students also strengthen their critical thinking skills through an analysis of the ongoing philosophical, aesthetic, political and technological debates about film, media and video.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in film and video studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		

Requirement	Minimum Grade	Credit Hours
IAP 111 Foundations of Sound, Digital Arts, and Games (HUAD)	C	3
IAP 201 Introduction to Interdisciplinary Arts (HUAD)	C	3
Upper Division Film Studies Emphasis	C	9
Theoretical, Conceptual, and Historical Course - complete one:		
ENG 365 History of Film (HUAD)		
IAP 464 Media and Diversity (HUAD)		
IAP 465 Media Technologies and the Arts		
IAP 473 Aesthetic Research (HUAD)		
Applied/Practical Courses - complete two:		
COM 335 / IAP 335 Acting for the Camera		
COM 429 Visual Communication and Semiotics		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 366 3D Modeling and Media Literacy (HUAD)		
IAP 467 Acoustic Ecology		
IAP 474 Art and Film		
or **Upper Division Media and Video Studies Emphasis**		
Theoretical, Critical, Performance, and/or Production Courses - complete three:		
COM 335 / IAP 335 Acting for the Camera		
COM 429 Visual Communication and Semiotics		
ENG 365 History of Film (HUAD)		
IAP 325 Sound Performance: Exploring Alternative Performance Groups		

Requirement	Minimum Grade	Credit Hours
IAP 334 Conceptual Development in the Arts		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 366 3D Modeling and Media Literacy (HUAD)		
IAP 465 Media Technologies and the Arts		
IAP 467 Acoustic Ecology		
IAP 469 Advanced Audio Production		
IAP 473 Aesthetic Research (HUAD)		
IAP 474 Art and Film		
IAP 494 Topic: Advanced Video Production		
Students select and complete nine credit hours from one emphasis area.		
IAP 480 Art as Praxis: From Conceptualization to Production	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate program is open to students in any major. Students who wish to pursue the certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that an appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates of the certificate program in film and video studies are prepared for careers as editors, art directors, video producers and directors, video and interdisciplinary project directors, or digital media specialists in areas such as video and film production, film studies, media studies or digital design. The valuable skills students gain through the program also prepare them for graduate study.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASVIDCERT/undergrad/true/177

harcsadvising@asu.edu
602-543-3000

Food Industry Management and Marketing Certificate (BAFIMMCERT)

College/School: W. P. Carey School of Business

Campus: Polytechnic

Description: The certificate program in food industry management and marketing enables business and nonbusiness students to acquire specialized business skills. Students gain a competitive advantage for employment with firms and agencies that operate within the global food industry.

The certificate program explores the roles that consumer food choices and purchases play in the allocation of resources throughout the food chain, from farm to retail.

Upon completion of the program, students have a deep understanding of the business, economic and market environments of the global food industry, with particular emphasis on food marketing and distribution.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in food industry management and marketing requires 15 credit hours with at least 12 upper division credit hours. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or higher.		
Food Industry Course		
AGB 250 Economics of Resource Allocation: Food and Agriculture **or** AGB 302 International Management and Agribusiness (GCSI)	C	3
Marketing Course		
Upper Division Marketing Course		
Select one course		
MKT 300 Marketing and Business Performance		
MKT 302 Strategic Marketing Management	C	3
MKT 303 Honors Marketing Theory and Practice		
MKT 390 Essentials of Marketing		
Certificate Electives		
Upper Division Food Industry Management and Marketing Certificate Elective	C	9

Requirement	Minimum Grade	Credit Hours
Select three courses		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
AGB 456 Food Product Innovation and Development		
AGB 481 Strategic Pricing in Food Markets		
AGB 494 Topic: NAMA Marketing Plan		
BUS 424 Sales and Negotiations		
BUS 434 Business Risk Management		
TGM 460 Global Risk Assessment and Management		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students majoring in food industry management are not eligible to pursue this certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate. The certificate in food industry management and marketing helps students develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates who have completed this undergraduate certificate often decide to pursue employment in management, marketing and sales. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Morrison School of Agribusiness | SANTN 230F
https://wpcarey.asu.edu/undergraduate/degree-programs
wpcarey.morrison@asu.edu
480-727-1586

Gender, Women and Sexuality Studies Certificate (ASWSTCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: This certificate program combines interdisciplinary topics and methods, enabling students to critically analyze, unpack and address how relations of gender are embedded in and connected to social, political and cultural transformations. The intellectual core draws from theories, methods and teachings in women and gender studies while engaging complementary fields of social justice, cultural studies, sexuality studies, queer studies, literature, history, sociology, psychology, oral history, ethnicity, race and Indigenous studies, and transnational studies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in gender, women, and sexuality studies consists of 18 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
WST 100 Women, Gender, and Society (SOBE) **or** WST 300 Women and Gender in Contemporary Society (SOBE)	C	3
Upper Division Gender, Women and Sexuality Studies Electives	C	12
AMS 334 / ETH 333 / WST 334 Class in America		
ENG 336 / WST 330 Women, Film and Culture		
ENG 364 Women and Literature (HUAD)		
ENG 443 / WST 415 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		

Requirement	Minimum Grade	Credit Hours
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		
WST 333 Critical Perspectives on Sexuality (SOBE)		
WST 370 Chronicling Women's Lives		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		
WST 390 / REL 390 Women, Gender and Religion (GCSI)		
WST 428 Gender, Madness and Justice (SOBE)		
WST 430 Gender on the Borderlands (HUAD)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		
WST 473 Indigenous and Latina/Chicana Representation		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate program is open to students in any major. Students who wish to pursue the certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates of this program are prepared for graduate study or for positions in a variety of fields, including business, health care, criminal justice, social services, education, public relations, nonprofits, community development, public

policy and government. Possible careers include community health worker, secondary school teacher, human resource manager, probation officer, social and community service manager, writer and professor.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASWSTCERT/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Gender, Women and Sexuality Studies Certificate (LAWSTCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The gender, women and sexuality studies certificate program provides students with an intersectional approach to the study of gender, race, class, ethnicity and sexuality in national and transnational contexts. This program enables students to write well, think critically and analyze problems effectively. The curriculum leads students to explore ideas about gender and sexuality and how these ideas have been transformed by feminist theory.

Curriculum

Requirement	Minimum Grade	Credit Hours
The gender, women and sexuality studies certificate requires a minimum of 18 credit hours, of which at least 12 must be completed at the upper-division level. Each course must be completed with a a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Core Course		
WST 100 Women, Gender, and Society (SOBE) **or** WST 300 Women and Gender in Contemporary Society (SOBE)	C	3
Elective Core Course		
WST 377 History of American Feminist Thought (HUAD) **or** WST 378 Global Feminist Theory (GCSI)	C	3
Electives		
WST Elective	C	3
Upper Division **WST Elective**	C	9
WST 100 and WST 300 cannot be used to fulfill the elective requirement.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze the ways in which gender intersects with other social locations in shaping ideology, as well as social, political and cultural institutions.
Demonstrate an understanding of key concepts, critical debates, and interdisciplinary approaches and methodologies that have shaped the field of women and gender studies.

Career opportunities

Graduates who have combined the certificate in gender, women and sexuality studies with their major program of study may increase their marketability to employers.

Graduates often decide to pursue employment in law, education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Geographic Information Science Certificate (LAGISCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The geographic information science undergraduate certificate program pairs the practical skill of geographic information science with the conceptual knowledge of geographical problem-solving and spatial thinking.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 20 credit hours with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 20 credit hours must be upper division.		
GIS 205 Geographic Information Science I (QTRS)	C	3
GIS 211 Geographic Information Science II (QTRS)	C	4
GIS 311 Geographic Information Science III (QTRS)	C	4
Upper Division **GIS Elective**	C	6
Upper Division GIS Related Coursework	C	3

Requirement	Minimum Grade	Credit Hours
CEE Elective		
CSE Elective		
GCU Elective		
GIS Elective		
GPH Elective		
EEE Elective		
EGR Elective		
FSE Elective		
IEE Elective		
PUP Elective		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

ASU degree-seeking students
The BS program in geographic information science is incompatible with this certificate program.

Nondegree-seeking students
This certificate is available through the Pathways for the Future program (https://pff.asu.edu/). Applicants without a bachelor's degree are eligible to apply for, and receive, this certificate through the Pathways for the Futures program. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/geographic-information-science-undergraduate-certificate/) for program descriptions and to request more information.

Career opportunities

Geographic information science is one of the fastest-growing segments of the economy, and employment possibilities can be found across the private sector and in many government agencies at the local, state and national levels.

Graduates who have paired this geographic information science certificate with their degree program have added knowledge, skills and abilities in these highly desirable areas:

analysis
computer programming
problem-solving
statistics

These skills are applicable to many fields and sectors, including:

health care
nonprofit organizations
real estate
retail
utilities

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/undergraduate/geographic-information-science-certificate-cert
SGSUP.advising@asu.edu
480-965-7533

Global Engineering Certificate (ESGBENCERT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Description: The certificate program in global engineering equips students with the interdisciplinary knowledge and skills needed to tackle complex global challenges. The program includes foundational coursework in engineering perspectives, global engineering design, and international-themed courses relevant to students' majors --- such as sustainability, energy, environment, global development, leadership and entrepreneurship. With a focus on global systems thinking, the program prepares students to become socially responsible and effective engineers who are capable of addressing the interconnected problems that transcend national borders.

The global engineering certificate program includes virtually-delivered virtual programs like the Global Career Accelerator that provide exposure to global industries, helping students build their professional skills through internships and applicable projects. Experiential programs like human-centered design projects immerse students in solving practical problems through design thinking, including customer discovery, rapid prototyping and field testing.

In addition to two required courses: FSE 150 Perspectives on Grand Challenges for Engineering and FSE 420 Global Engineering for Humanity, a key component of the certificate is a mandatory international experience, allowing students to gain hands-on exposure to global engineering challenges through internships, research opportunities, or faculty-led study abroad programs. This experience enhances students¿ cross-cultural competencies and provides a practical, immersive opportunity to apply their technical expertise in an international context.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours; three hours of lower-division and 12 hours of upper-division coursework. All courses must be passed with a "B" or better. Due to the prerequisite structure, students must allow at least three years to complete the certificate program.		
Foundation Course		
FSE 150 Perspectives on Grand Challenges for Engineering (GCSI)	B	3
Global Engineering Design Component		
FSE 420 Global Engineering for Humanity	B	3
International and Cultural Coursework and/or International Experience Component		
Upper Division International & Cultural Coursework and International Experience Courses	B	9
AGB 302 International Management and Agribusiness (GCSI)		
AMT 308 Air Transportation (GCSI)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 327 Disaster! (SUST)		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
ASB 443 / SSH 403 Cross-Cultural Studies in Global Health (GCSI)		
ASB 452 Community Partnerships for Global Health (GCSI)		
ASB 457 Global Mental Health (GCSI)		
ASM 414 Urban, Environmental and Health Challenges (SUST)		
BIO 324 Environmental Ethics (SUST)		
COM 371 Language, Culture and Communication (GCSI)		
COM 415 Risk Communication (SOBE)		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 471 Global Media and Cultural Identity (GCSI)		

Requirement	Minimum Grade	Credit Hours
CEE 384 Numerical Methods for Engineers (QTRS)		
ECN 306 Survey of International Economics (GCSI)		
ECN 331 Economics of the European Economic Union (GCSI)		
ECN 345 Survey of Energy and Environmental Economic Issues (SUST)		
ECN 360 Economic Development (GCSI)		
ERM 428 International Environmental Management		
EVE 394 Topic: Global Environmental Perspectives		
FIS 334 / JUS 334 Science, Technology and Inequality (GCSI)		
FIS 337 Innovation and Global Development (GCSI)		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Customer Acquisition with Google & Instagram		
FSE 394 Topic: Data Analysis With Python		
FSE 394 Topic: Design Solutions: Engineer the World, Part I		
FSE 394 Topic: Design Solutions: Engineer the World, Part II		
FSE 394 Topic: Engineering in Global Context		
FSE 394 Topic: Global Data With Tableau		
FSE 394 Topic: Visualization and Simulation in Japan		
FSE 394 Topic: Web Development with JavaScript & APIs		
FSE 494 Topic: History and Technology of Microelectronics		
FSE 494 Topic: The TEDI Experience I		
FSE 494 Topic: The TEDI Experience II		
GCU 350 The Geography of World Crises (GCSI)		
GCU 351 Population Geography (GCSI)		

Requirement	Minimum Grade	Credit Hours
GCU 364 Energy in the Global Arena		
GIT 494 Topic: Paris and Provence - Photography and Architecture		
GPH 314 Global Change (SUST)		
GPH 414 Climate Change (SUST)		
HCD 303 Global Health Care Systems (GCSI)		
HON 381 Science and Social Worlds		
HON 394 Topic: Addressing Grand Challenges in Developing World		
HON 394 Topic: Anthropology and Sustainability in China		
HON 394 Topic: Australia and the Global Frontier		
HON 394 Topic: Global Leader Practicum		
HON 394 Topic: GlobalResolve		
HON 394 Topic: GlobalResolve:DesignforDevelopingWorldProjectII		
HON 394 Topic: Sustainable Energy Applications Developing World		
HON 394 Topic: Sustaining Humans: A Humanities Laboratory		
HON 394 Topic: The Global Engagement Lab I		
HON 394 Topic: The Global Engagement Lab II		
HPS 349 Nature, Sustainability and Religion (SUST)		
ISS 450 Consumerism and Sustainable Development (SUST)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JHR 394 Topic: Human Rights in the Global South		
MCO 430 International Mass Communication (GCSI)		
MGT 302 Principles of International Business (GCSI)		
MGT 400 Cross-Cultural Management (GCSI)		

Requirement	Minimum Grade	Credit Hours
MGT 459 International Management (GCSI)		
NUR 495 Public and Global Health in Nursing (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 360 World Politics (GCSI)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 465 International Organization and Law (GCSI)		
POS 467 International Security (GCSI)		
POS 480 / SBS 480 Global Justice (GCSI)		
POS 486 International Political Economy (GCSI)		
SCM 300 Global Supply Operations (SUST)		
SGS 301 Principles of Global Studies (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
SGS 370 Geopolitics (GCSI)		
SGS 454 / SOS 447 Gender, Culture, and Development (GCSI)		
SOC 331 Environmental Sociology (SUST)		
SOC 443 Sociology of Corporations		
SOC 448 Epidemics and Society (GCSI)		
SOS 385 Business and Sustainability I (SUST)		
STS 329 Technology in Developing Countries		
STS 332 Global Issues in Science and Technology		

Requirement	Minimum Grade	Credit Hours
SWU 462 Global Social Welfare (GCSI)		
TGM 353 Regional Management Environment (GCSI)		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TGM 487 Global Entrepreneurship		
TWC 435 Global Issues in Technical Communication (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Global opportunities

Global experience: Ira A. Fulton Schools of Engineering offers many global opportunities for students to gain hands-on experience and expand their global networks.

For those seeking flexible online options, global virtual internships allow students to work with companies around the world from anywhere, gaining practical experience in fields like engineering, business and design. Additionally, Engineering Projects in Community Service offer students the chance to tackle applicable challenges in underserved communities, with projects across locations such as Kenya, Vietnam and Spain. These opportunities help bridge technical skills with meaningful societal impact, ideal for students interested in sustainable development and social entrepreneurship.

Cultural immersion opportunities abroad allow students to explore local cultures while working on projects that address community needs. Faculty-led summer study abroad programs in countries like Japan, Taiwan, Ireland, China and England combine academic learning with practical exposure, allowing students to gain insights into global industries and innovative practices. These programs are ideal for students in engineering, design, business, sustainability and other fields, offering transformative experiences that prepare them for a future in the global workforce.

Career opportunities

With a strong foundation in both technical engineering skills and cross-cultural competencies, graduates are prepared to work in multinational corporations, international development organizations and global engineering firms. They can

pursue roles in industries such as sustainable development, renewable energy, environmental engineering, infrastructure design and technology innovation, where solving complex global challenges is a priority.

In addition to traditional engineering positions, graduates have opportunities to work in global project management, international consulting and leadership roles that require both technical expertise and cultural fluency. Graduates may also contribute to international research initiatives and humanitarian engineering projects, or work with nongovernmental organizations focused on global development and disaster relief. With their enhanced understanding of global trends and the ability to navigate diverse cultural and regulatory environments, these engineers are highly sought after by employers worldwide who need professionals capable of driving innovation and solving problems on a global scale.

Contact information

Dean, Ira A. Fulton Schools of Engineering | BYENG 690
https://engineering.asu.edu/global-engagement/
FSEGlobalengagement@asu.edu
480-965-1726

Global Management Certificate (TBTGMCERT)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Description: The undergraduate certificate program in global management provides students with broad-based training in global business and global studies, helping to prepare them for a global management career. It offers distinct courses that integrate an in-depth understanding of the political, economic and cultural aspects of doing business in specific regions with tools to assess business trends in specific countries.

Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

Curriculum

Requirement	Minimum Grade	Credit Hours
The global management certificate requires 18 credit hours as outlined below, with a minimum of 12 upper-division credits. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area. Minimum "C" (2.00) grade is required in all course work in this certificate.		
TGM 101 Principles of Global Management (GCSI) It is recommended that students take TGM 101 prior to or concurrently with other TGM courses.	C	3
Electives	C	3
TGM 204 Principles of Marketing for Global Organizations		

Requirement	Minimum Grade	Credit Hours
TGM 300 Principles of Finance for Global Organizations		
TGM 310 Supply Chain Operations for Global Organizations		
TGM 312 Big Data in the Global Economy		
TGM 353 Regional Management Environment (GCSI)		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TGM 487 Global Entrepreneurship		
TGM 489 Multinational Organizational Leadership		

Upper Division Electives

TGM 300 Principles of Finance for Global Organizations		
TGM 310 Supply Chain Operations for Global Organizations		
TGM 312 Big Data in the Global Economy		
TGM 353 Regional Management Environment (GCSI)	C	12
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TGM 487 Global Entrepreneurship		
TGM 489 Multinational Organizational Leadership		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Study abroad or international experience is encouraged but not required. Consider ASU Global Education Office opportunities.

Enrollment requirements

Incompatible Majors: BGM in global management; BS in international trade.

No more than six credit hours may be shared between the certificate program and other degree, minor or certificate programs.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in global management with their major program of study may become more marketable to employers. Many decide to pursue employment in corporations, governments or nonprofits in positions such as business analyst, global entrepreneur or marketing manager.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu
ugadvising@thunderbird.asu.edu
602-496-7100

Globalization and Culture Certificate (LAGLCCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description: The globalization and culture certificate program offers students the opportunity to increase their understanding of the cultural dimensions of globalization, in the context of economic, political and social changes in the world today.

This certificate program provides an interdisciplinary approach to understanding the phenomenon of globalization, including the historical, political, cultural and social forces that shape contemporary globalized society. It draws on courses from several colleges and academic units and emphasizes studies related to the history and culture of globalization, conflict and contact between regions of the world, and questions related to language and identity.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Demonstrate knowledge and critical understanding through discussions on the cultural dimensions of globalization, in the context of economic, political, historical and social changes in contemporary world.
> Communicate in any foreign language e.g. Japanese, German, at the intermediate low for intermediate learners or advance low for advanced learners.

Career opportunities

Graduates who have combined the certificate in globalization and culture with their major program of study may be more marketable to employers. They often decide to pursue employment in education, political analysis, the military, tourism and hospitality or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/globalization-and-culture-certificate
silcadvising@asu.edu
480-965-6281

Hazardous Materials and Waste Management Certificate (TSETMCERT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Description: The certificate program in hazardous materials and waste management provides current and prospective employees of industry and government with a comprehensive and practical curriculum of study in hazardous materials management. The program features instruction by faculty, attorneys and professionals who work in the specific area in which they teach.

Students enrolled in this program are offered several industry-required courses by the environmental and resource management professional development program targeted at environmental professionals who engage in management and transportation of hazardous materials and waste: the Occupational Safety and Health Administration-mandated 40-hour Hazardous Waste Operations and Emergency Response course, the 16-hour initial Hazardous Materials Transportation Certification course, and their corresponding eight-hour refresher courses. These training courses are provided to certificate students at less than 15% of the actual cost to support their professional development.

Curriculum

Requirement	Minimum Grade	Credit Hours
ERM 203 Environmental Regulations	C	3
ERM 401 Hazardous Waste Management	C	3
ERM 406 Environmental Chemistry	C	3
ERM 407 Occupational Hygiene	C	3
Upper Division **ERM Elective** Recommended: ERM 402 OR ERM 432	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The certificate in hazardous materials and waste management is available to all ASU students in good standing, except those pursuing any program in environmental and resource management.

To add the certificate in hazardous materials and waste management, a student must hold, at minimum, junior status and have a minimum cumulative GPA of 2.00.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Evaluate environmental policies and regulations that apply to environmental and resource management.
> Apply management, scientific and technical solutions to natural and anthropogenic environmental problems.

Career opportunities

Graduates with the skills gained in this certificate program are in high demand and can find work in industry, governmental management and regulatory agencies, and policymaking organizations.

Graduates are firmly grounded in the scientific, technical and legal problems facing hazardous waste managers in today's business climate. They are prepared to be waste, health and safety professionals in industrial settings such as manufacturing, mining, oil and gas, and in environmental engineering consulting firms. They also ensure compliance with OSHA and U.S. Environmental Protection Agency requirements in manufacturing operations, water and wastewater treatment facilities, and local governments. On the regulatory side, graduates work for agencies such as the EPA and state and county departments of environmental quality.

Contact information

Environmental and Resource Management | WANER 230
https://poly.engineering.asu.edu/erm/
polyadvising@asu.edu
480-727-1874

Health Care Policy and Delivery Certificate (NHHCPDCERT)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Polytechnic, West Valley

Description: The health care policy and delivery certificate program offers students a comprehensive overview of key principles in health systems, including management, economics and program oversight within health care settings.

The curriculum emphasizes the business of medicine, administration, leadership and policy. Students can choose to take an internship course to further apply and integrate these core concepts.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in health care policy and delivery consists of 18 credit hours, of which 15 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		

Requirement	Minimum Grade	Credit Hours
HCD 302 Health Care Management	C	3
HCD 330 Health Care Systems in the U.S. (CIVI)	C	3
HCD 332 Population Health Policy and Legislation	C	3
HCD 402 Health Economics (SOBE)	C	3
HCD 403 Process Engineering	C	3
Elective		
HCD 304 Health Care Finance		
HCD 404 Advanced Concepts in Health Care Administration and Policy		
HCD 484 Internship		
MED 450 Leadership and Professionalism	C	3
PAF 311 Leadership and Change (SOBE)		
PAF 460 Public Service Ethics		
PBH 422 Health Disparities and Access to Health		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: BS in health care administration and policy; BS in health sciences

Other Enrollment Requirements: None

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Implement effective management approaches to improve processes to positively impact patients and populations.
Analyze how policy and economics influence professional health service delivery

Career opportunities

Graduates who have obtained the certificate in health care policy and delivery may be more marketable for employment opportunities and better prepared to enter postgraduate degree programs. The program is particularly relevant for future medical practitioners who intend to serve in a private practice because it broadens their understanding of the business side of U.S. health care systems. Entry-level opportunities in the field include program or clinical administration, advocacy and quality improvement. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHHCPDCERT/undergrad/true/91465
chs@asu.edu
602-496-3300

Health Education Specialist Certificate (NHHEDSCERT)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: Health education and health promotion professionals fill a critical role as they teach individuals how to stay well by living healthy lifestyles. They also help mobilize communities to advocate for and create healthy environments, and they champion health equity through policy, advocacy and environmental change.

In this certificate program, students learn how to plan, implement, manage and evaluate health promotion programs that improve health outcomes and prevent chronic and infectious disease.

This certificate enables students to sit for the certified health education specialist exam through the National Commission for Health Education Credentialing (https://www.nchec.org/ (https://www.nchec.org/)). CHES is a globally recognized credential for health professionals. Having CHES certification gives graduates a competitive edge in the job market, and individuals who have earned the CHES credential can identify themselves as a certified health education specialist.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in health education specialist consists of 27 credit hours, of which at least 15 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
HEP 102 Foundations of Health Education and Health Promotion	C	3
HEP 348 Methods of Health Education **or** HEP 386 Assessing Strengths and Needs for Health Education and Promotion	C	3
HEP 361 Digital Health Communication and Education	C	3

Requirement	Minimum Grade	Credit Hours
HEP 452 Health Advocacy in Health Education	C	3
HEP 454 Health Promotion Program Planning and Implementation	C	3
HEP 466 Health Promotion Program Management and Administration	C	3
Electives	C	9

CHS 340 Health Theory

HEP 100 Introduction to Health and Wellness (SOBE)

HEP 241 Health Education Methods for Injury Prevention and Preparedness

HEP 251 Preventing HIV and Substance Misuse

HEP 303 Human Sexuality for Health Education

HEP 348 Methods of Health Education

HEP 350 Substance Use and Addictive Behaviors

HEP 355 Population Health and Climate Change (SUST)

HEP 371 Conflict Management and Mediation and Violence Prevention

HEP 380 Body Image and Wellness

HEP 386 Assessing Strengths and Needs for Health Education and Promotion

HEP 394 Topic: Diabetes Prevention & Management

HEP 410 Obesity Perspectives and Prescriptions

HEP 443 Emotional Health and Interpersonal Relationships

HEP 444 Epidemiology

HEP 456 Health Promotion Program Evaluation

HEP 476 Community Health

HSC 210 Cultural Aspects of Health (GCSI)

Requirement	Minimum Grade	Credit Hours
MED 417 Impact of Violence on Health		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Employment of health educators is expected to grow much faster than the average for all professions, with the U.S. Bureau of Labor Statistics predicting a 7% increase in the field between 2023 and 2033. The need for quality health education specialists has never been more critical than it is today.

Health education specialists, also known as health educators, can work in:

businesses
government
health departments
hospitals and clinics
nonprofit organizations
schools
tribal nations

Health education specialists work at organizations such as the Centers for Disease Control and Prevention, the American Heart Association, wellness centers and the American Red Cross.

Graduates of this program have varied opportunities, including these positions:

community health educator
community outreach coordinator
grant writer
patient education coordinator
prevention specialist
program evaluator
public information specialist
wellness coordinator

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHHEDSCERT/undergrad/true/91465
chs@asu.edu
602-496-3300

Health and Wellness Coach Certificate (NHHWCCERT)

College/School: College of Health Solutions

Campus: Downtown Phoenix, West Valley

Description: The health and wellness coach certificate program brings together coursework from the disciplines of exercise and wellness, nutrition, behavioral health and coaching psychology. Students develop a strong background in, perspective on, and practical experience in the techniques and methods used to decrease and prevent chronic disease risks.

Students in this program learn and practice:

- coaching communication skills
- evidence-based behavior change methodologies
- guiding individuals through meaningful lifestyle changes
- health coaching techniques
- strategies to influence sustainable healthy lifestyles

Faculty monitor student-led coaching sessions to provide feedback on how students may improve their coaching skills. A final practical skills evaluation is completed to assess a student's health and wellness coaching ability.

Students who successfully complete this certificate program meet the eligibility requirements for the National Board Certified Health and Wellness Coaches examination offered by the National Board for Health and Wellness Coaching (https://nbhwc.org (https://nbhwc.org)).

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in health and wellness coaching consists of 24 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
CHS 340 Health Theory	C	3
EXW 302 Fundamentals of Wellness	C	3
EXW 344 Impact of Physical Activity on Health and Disease	C	3
EXW 450 Social Drivers of Health (CIVI)	C	3

Requirement	Minimum Grade	Credit Hours
HEP 443 Emotional Health and Interpersonal Relationships	C	3
HSC 355 Eating for Lifelong Health (SOBE)	C	3
HSC 440 Health Coaching Concepts and Skills	C	3
HSC 441 Applied Health Coaching Techniques	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply evidence-based health and wellness coaching competencies to build a coaching relationship, and guide clients through enriched support for self-awareness and self-discovery.
Implement health and wellness evidence-based interventions and strategies to elicit positive changes in individuals within the general population.

Career opportunities

Students can become more marketable and advance their career options with this undergraduate certificate in health and wellness coaching, which complements a variety of major programs of study.

Career options include:

coach
community health worker
fitness and wellness coordinator
health care support worker

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHHWCCERT/undergrad/true/91465
chs@asu.edu
602-496-3300

History and Philosophy of Science Certificate (LAHPSCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the history and philosophy of science undergraduate certificate program, students explore central questions about the nature of science and how it develops and changes.

Students examine how scientific claims are justified and investigate the social and moral implications of the changing scientific landscape as well as major landmarks in the development of science. They develop the skills to recognize and articulate scientific reasoning, and they gain a deeper awareness that the science of any time is importantly shaped by previous events.

Curriculum

Requirement			Minimum Grade	Credit Hours
The certificate requires 18 credit hours from the HPS and PHI subjects. At least 12 credit hours must be completed at the upper-division level and all courses counting toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.				
Required Course				
PHI 314 Philosophy of Science (HUAD)	**or**	HPS 314 Philosophy of Science (HUAD)	C	3
Electives				
Upper Division **HPS Elective**			C	9
Electives			C	6

HPS Elective

PHI 103 Principles of Sound Reasoning (QTRS)

PHI 310 Environmental Ethics (SUST)

PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)

PHI 320 Bioethics (HUAD)

Requirement	Minimum Grade	Credit Hours
PHI 325 Philosophy of Social Science		
PHI 328 History of Ancient Philosophy (GCSI)		
PHI 329 History of Modern Philosophy (GCSI)		
PHI 330 Theory of Knowledge (HUAD)		
PHI 331 Philosophy of Language		
PHI 332 Metaphysics (HUAD)		
PHI 333 Symbolic Logic		
PHI 334 Philosophy of Mind (HUAD)		
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 403 Contemporary Analytic Philosophy		
PHI 413 Advanced Symbolic Logic		
PHI 420 Topics in Philosophy		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Present historical and philosophical perspectives on science.
Critically communicate research at the intersections of history and philosophy in science.

Career opportunities

Graduates of the history and philosophy of science undergraduate certificate program have acquired critical thinking skills and problem-solving abilities that are in high demand to address a growing need for innovation in public health and scientific advancement.

Graduates who have combined this program with a major program of study are well prepared for roles in a variety of fields, including biology, medicine, law and ethics. Advanced degrees or certifications may be required for academic, government or clinical positions.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degrees/minorscertificates
sols.advising@asu.edu
480-727-6277

Homeland Security Certificate (PPHSLCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The homeland security certificate program provides students with the skills and credentials they need to enter fields specializing in homeland security.

Students receive extended education in topics such as domestic and international terrorism, cyberterrorism and advanced crime.

Curriculum

Requirement	Minimum Grade	Credit Hours
The homeland security certificate program provides students with the skills and credentials they need to enter fields specializing in homeland security. Students receive extended education in topics such as domestic and international terrorism, cyberterrorism and advanced crime.		
Required Courses		
CRJ 412 International Terrorism	C	3
CRJ 417 Cyber Terrorism	C	3
CRJ 419 Domestic Terrorism	C	3
Elective Courses		
Upper Division Electives	C	6
CRJ 394 Special Topics		
CRJ 422 Violence in America		

Requirement	Minimum Grade	Credit Hours
CRJ 455 Police and International Terrorism		
CRJ 456 Etiology of Martyrdom		
CRJ 462 Gangs		
CRJ 463 White Collar Crime		
CRJ 464 Organized Crime		
CRJ 494 Special Topics		
PAF 426 Intelligence Analysis and Homeland Security		
PAF 461 Homeland Security		

Only approved homeland security-related topics may be taken from Special Topics courses (CRJ 394 and CRJ 494).

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Bachelor of Science in criminology and criminal justice majors who are also pursuing the Homeland Security certificate may not use CRJ 412, CRJ 417, CRJ 419, CRJ 422, CRJ 455, CRJ 456, CRJ 462, CRJ 463, and CRJ 464 toward both their major and the certificate. These courses will only be used toward the certificate requirements.

Enrollment requirements

There are no additional admission requirements other than those required for admission to ASU.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-homeland-security/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify major domestic terror organizations and international terror threats.

Analyze patterns of cyberterrorism to deter cyberterrorist activity.

Career opportunities

Graduates of the homeland security certificate program find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in criminal justice agencies (federal, state and local), such as the Department of Homeland Security, U.S. Customs and Border Protection, and local- and state-level law enforcement departments. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
SCCJAdvising@asu.edu
602-496-1658

Hospice and Palliative Care Certificate (NHHAPCCERT)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The certificate program in hospice and palliative care provides future health and health care workers with the skills they need to lead and manage chronic and end-of-life care in a variety of settings, including home health care.

Students learn from interprofessional instructors who are involved in hospice and palliative care as physicians, social workers, nurses and bereavement counselors --- professionals who work with children and adults, as well as palliative care and hospice patients.

Through this program, students:

• complete an internship at Hospice of the Valley, where they can help address the nonclinical care needs of patients and their families
• have the opportunity to shadow health professionals and learn about their roles through field experience
• learn through evidence-based research and the most advanced technology in hospice and palliative care
• explore how contemporary issues are burdening the health care system under its current structure
• receive specialized instruction on dementia and Alzheimer's disease

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in hospice and palliative care consists of 18 credit hours, of which 12 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course, with the exception of MED 484, which is graded on a satisfactory basis.		
MED 325 Elements of Hospice and Palliative Care	C	3
MED 375 Alzheimer's and Other Dementias	C	3
MED 475 Palliative Care: Managing Complex Serious Illness	C	3

Requirement	Minimum Grade	Credit Hours
MED 484 Internship This course is directed by Dr. Gillian Hamilton at Hospice of the Valley. A cumulative ASU GPA of 3.0 or higher is required to enroll.	Y	3

Electives

HSC 410 Supporting the Health of Older Adults	C	6
HSC 412 Health Issues in Later Life		
MED 445 Prevention and Management of Chronic Disease		
PSY 447 Psychology of Aging		
SOC 400 Perspectives on Aging		
SOC 418 Aging and the Life Course (SOBE)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 3.00

Incompatible Majors: None

Other Enrollment Requirements: None

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze the health consequences of chronic disease and impact on patients during end of life care.
Formulate decisions in accordance with ethical and legal principles of the hospice and palliative care field in assigned projects.

Career opportunities

Graduates with this certificate have gained in-depth experience in health care settings and specialized training in hospice and palliative care.

Those who wish to continue on to medical school or professional school, such as dental, pharmacy or optometry school, may leverage this certificate as an additional credential to support their application process.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHHAPCCERT/undergrad/true/91465
chs@asu.edu
602-496-3300

Human Rights Certificate (LAHRTSCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in human rights provides students with interdisciplinary tools and perspectives from history, law, political science, sociology and philosophy that can serve as a framework for thinking broadly and critically about human rights issues. Coursework and experiential learning opportunities prepare students for work protecting human rights, including:

• children's rights
• environmental human rights
• immigrants' rights
• personal integrity rights
• the right to education
• the right to health care
• the right to housing
• the right to water and energy justice
• sexuality rights
• women's rights
• workers' rights

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in human rights consists of 18 credit hours, at least 12 of which must be completed at the upper-division level. At least 12 credit hours must be completed at ASU. All courses used toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Human Rights Core		
Upper Division Global Politics of Human Rights Courses		
JUS 352 The Global Politics of Human Rights (CIVI)		
POS 368 Ethics and Human Rights (GCSI)	C	3
POS 480 Global Justice (GCSI)		

Requirement	Minimum Grade	Credit Hours
Upper Division Human Rights Institutions and Organizations Courses		
JUS 355 Human Rights Organizations and Institutions POS 465 International Organization and Law (GCSI) SGS 321 International Institutions and Global Governance	C	3
Human Rights Electives		
Upper Division Human Rights Electives	C	9
MARGINALIZATION AND HUMAN RIGHTS:		
AFR 301 Race and Racism in Africa/African Diaspora		
AFR 420 Race Ethnicity and Politics in the African Diaspora		
AIS 455 Human Rights and Cultural Resource Laws		
APA 330 / WST 331 Asian Pacific American Genders and Sexualities (SOBE)		
HST 369 / JST 369 History and Memory of the Holocaust		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 435 Cinema and Justice (HUAD)		
JUS 438 Human Differences: Dilemmas of Justice (CIVI)		
JUS 456 Human Rights and Sustainability		
JUS 468 Protest, Justice, Law and the Media		
POS 472 Constitutional Law II		
SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
SPA 494 Topic: Latin American Photography and Human Rights		
WST 313 Women and Sexuality (SOBE)		
WST 345 Gender, Religion, and Global Violence		
WST 378 Global Feminist Theory (GCSI)		

Requirement	Minimum Grade	Credit Hours
WST 477 Gender and Violence		
SOCIAL STRATIFICATION AND HUMAN RIGHTS:		
AFR 304 Islands of Globalization: Caribbean Politics and Political Economy		
AFR 305 The Global History of the Trans-Atlantic Slave Trade (GCSI)		
AFR 470 Women's International Human Rights		
APA 350 / JUS 365 Inequality and Diversity in Education (CIVI)		
JUS 325 Globalization and Socio-Economic Justice		
JUS 405 Inequality, Economy and Justice		
JUS 477 Youth and Justice (SOBE)		
POS 471 Constitutional Law I (AMIT)		
SOC 426 Social Inequalities (CIVI)		
WST 365 Women and International Health		
STATES AND CONFLICT:		
AIS 494 Topic: American Indian Rights		
HST 370 Eastern Europe in Transition		
HST 436 Rise & Fall of Soviet Communism		
JUS 374 The Holocaust, Genocide, and Human Rights		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 467 Terrorism, War, and Justice (CIVI)		
JUS 469 Political Deviance and the Law		
JUS 494 Topic: Torture, War and Human Rights		
LAS 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
PHI 448 Justice and Reparations		

Requirement		Minimum Grade	Credit Hours
	POS 305 Politics and Film (HUAD) POS 394 Topic: The Future of War REL 388 Religion, Ethics, and International Politics (CIVI) SGS 340 Violence, Conflict and Human Rights (GCSI) SGS 341 Humanitarian Crisis and International Intervention SPA 472 Latin American Society: Five Case Studies		
Students select three electives on current issues in human rights. Courses must be taken from at least two of the substantive areas listed below and from two or more subjects. Other course options may be approved by an academic advisor in the School of Social Transformation.			
Experiential Learning Component To better connect classroom learning with practical experience, students will be required to participate in either a for-credit internship with a human rights organization in the U.S. or abroad, or a Research Experience for Undergraduates (REU) under faculty supervision (honors thesis may substitute). A written component to the internship or REU is required.			
JUS 484 Internship **or** SST 484 Internship **or** JUS 498 Topic: Research Apprenticeship **or** SST 498 Topic: Research Apprenticeship JUS/SST 484 or JUS/SST 498 both require departmental approval prior to registration. Please contact the School of Social Transformation Advising at sstadvising@asu.edu to get started.		C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

To declare a certificate in human rights, a student must have a minimum of 30 earned credit hours.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Employ the core concepts and methods used in studying human rights in their written work.
Apply fundamental principles of human rights to research or community engagement.

Career opportunities

Human rights training can lead to a rewarding and meaningful career path as well as a professional degree. The following list of career options is not exhaustive; each offers distinct opportunities, requirements, strategies and tools for social change:

human rights activism coordinator
human rights advocacy officer
human rights campaigner
human rights educator
human rights fundraising specialist
human rights grant writer
human rights lawyer or legal officer
human rights policy analyst
human rights program officer
human rights researcher or research assistant

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Indoor Farming Certificate (LSIFRMCERT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: The future of farming may be vertical and urban. The novel indoor farming certificate program trains students and working professionals who are interested in cultivating indoor crops with technology enhancements, including precise environmental control of temperature and lighting, sustainable energy management and optimal nutrient amendment to achieve significant improvements in crop productivity, resource consumption and environmental impact.

Students receive specific training in indoor crop production and management, including production of clean fruits, vegetables and ornamental plants. Through classroom instruction and hands-on laboratories, students gain knowledge and skills related to plant physiology, indoor crop production systems and facility management, which are necessary for the emerging indoor farming industry.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires a minimum of 15 credit hours, including at least 12 upper-division credit hours. Six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.		
Required Courses		

Requirement	Minimum Grade	Credit Hours
ABS 365 Future of Agriculture: Vertical Farming	C	3
ABS 369 Hydroponic Food Crop Production	C	3
Elective Courses		
Elective Courses		
ABS 260 Fundamentals of Sustainable Horticulture		
ABS 314 Applied Plant Physiology		
ABS 319 Food, Health and Human Biology		
ABS 368 Plant Propagation		
ABS 414 Plant Pathology		
ABS 462 Greenhouse/Nursery Management		3
ABS 464 Desert Horticulture		
AGB 100 Introduction to Agribusiness		
AGB 250 Economics of Resource Allocation: Food and Agriculture		
AGB 333 Agribusiness Finance		
AGB 425 Food Supply Networks		
Upper Division Elective Courses	C	6
ABS 314 Applied Plant Physiology		
ABS 319 Food, Health and Human Biology		
ABS 368 Plant Propagation		
ABS 414 Plant Pathology		
ABS 462 Greenhouse/Nursery Management		
ABS 464 Desert Horticulture		
AGB 333 Agribusiness Finance		

Requirement	Minimum Grade	Credit Hours
AGB 425 Food Supply Networks		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Before adding the certificate, current ASU students are required to complete BIO 100 The Living World, BIO 181 General Biology I or BIO 182 General Biology II.

Nondegree-seeking students must have a Bachelor of Science degree.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options and become more marketable to employers with an undergraduate certificate in indoor farming.

Graduates who have complemented their major program of study with this certificate often pursue employment in nursery and greenhouse management, plant science, or farm and ranch management. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Informatics Certificate (ESCPICERT)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Description: In the certificate program in informatics, students learn to use computer technology to gather, synthesize, store, visualize and interpret information. These skills are critical to a wide variety of disciplines.

Students gain an understanding of the capabilities and technologies of informatics as applied to domain-specific problems in their field of study.

Students who complete the certificate are able to understand and use methods for the basic computational principles behind the operation of communication, networking and interaction; decision-making and problem-solving; modeling, inference and visualization; representing, creating and running routine activities; and storing, indexing and retrieving information.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires 21 credit hours of coursework, of which at least 12 must be upper division. Students complete 15 credit hours of required courses and select six credit hours of elective coursework. All courses must be passed with a "C" or better. At least 12 credit hours must be completed in residency at ASU.		
Informatics Certificate Requirements		
CPI 101 Introduction to Informatics (QTRS)	C	3
CPI 200 Mathematical Foundations of Informatics (MATH)	C	3
CPI 220 Applied Data Structures and Algorithms **or** CSE 310 Data Structures and Algorithms CPI 220 is only offered in the fall semester.	C	3
CPI 350 Evaluation of Informatics Systems	C	3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS) **or** STP 420 Introductory Applied Statistics (QTRS)	C	3
Upper Division Elective courses	C	6
AME 394 Special Topics		
ART 345 Visualization and Prototyping		
ART 435 Foundry Research Methods		
BIO 355 Introduction to Computational Molecular Biology		
BIO 411 Quantitative Methods in Conservation and Ecology		
CIS 300 Web Design and Development		
CIS 308 Advanced Excel in Business		
CIS 310 Business Data Visualization		
CIS 405 Business Intelligence		
CIS 407 Business Database Systems Development		
CPI 310 Web-Based Information Management Systems		
CPI 360 Decision Making and Problem Solving		

Requirement	Minimum Grade	Credit Hours
CPI 394 Topic: Game Design Fundamentals		
CPI 394 Special Topics		
CPI 494 Special Topics		
CSE 310 Data Structures and Algorithms		
CSE 335 Principles of Mobile Application Development		
CSE 360 Introduction to Software Engineering		
CSE 365 Information Assurance		
CSE 394 Special Topics		
CSE 408 Multimedia Information Systems		
CSE 412 Database Management		
CSE 445 Distributed Software Development		
CSE 445 Distributed Software Development		
CSE 446 Software Integration and Engineering		
CSE 450 Design and Analysis of Algorithms		
CSE 460 Software Analysis and Design		
CSE 464 Software Quality Assurance and Testing		
CSE 467 Data and Information Security		
CSE 470 Computer Graphics		
CSE 471 Introduction to Artificial Intelligence		
CSE 475 Foundations of Machine Learning		
CSE 476 Introduction to Natural Language Processing		
CSE 477 Introduction to Computer-Aided Geometric Design		
DAT 300 Mathematical Tools for Data Science		

Requirement	Minimum Grade	Credit Hours
DAT 301 Exploring Data in R and Python		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
EDT 440 Creating and Marketing Mobile Apps		
ENG 374 Technical Editing		
FMS 374 Film and Media Visionaries		
FMS 365 Video Games and Narrative		
FSE 301 Entrepreneurship and Value Creation		
FSE 404 EPICS Gold: EPICS in Action		
GIT 335 Computer Systems Technology		
GIT 340 Information Design and Usability		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		
MAT 300 Mathematical Structures		
MAT 421 Applied Computational Methods (MATH)		
SER 334 Operating Systems and System Programming		
SOC 334 Technology and Society (SOBE)		
SOS 424 Dynamic Modeling in Social and Ecological Systems		
STS 304 Science, Technology and Society (SOBE)		
STS 306 Social Effects of Science and Technology		
TEL 313 Technology in an Educational Setting		
TWC 414 Advanced Data Visualization		
TWC 444 User Experience		
CPI 484, CPI 494, and CSE 394 require advisor approval		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

ASU degree-seeking students
The undergraduate certificate in informatics is available to all students who are in good standing at ASU and who have completed CSE 205, MAT 242 and MAT 243 with a grade of "C" or higher. This certificate also may be used by interdisciplinary studies Bachelor of Arts students as part of their degree program.

Nondegree-seeking students
Applicants with or without a bachelor's degree are eligible to apply for and receive this certificate through the Pathways for the Future program (https://pff.asu.edu/). Applicants must have completed the following courses, or their equivalents, with a grade of "C" or higher (scale is 4.00 = "A").

CSE 205 Object-Oriented Programming and Data Structures
MAT 242 Elementary Linear Algebra
MAT 243 Discrete Mathematical Structures

Applicants who have taken these courses at another institution should use the Transfer Guide course search (https://transferguide.apps.asu.edu/app/home) to determine whether a transfer course can fulfill the prerequisite course requirements. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Use computational principles for information-based decision-making and problem solving.
Apply computational principles to the operation of storing, indexing and retrieving information in informatics applications.

Career opportunities

Graduates who have completed this certificate should be in high demand within the software industry and in government, education, science, medicine and other fields that make use of computer technology. The certificate's applied and user-oriented focus makes graduates attractive to such employers.

Contact information

Computing and Informatics Program | CTRPT 105
https://scai.engineering.asu.edu/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Innovation for Impact Certificate (FIIFICERT)

College/School: College of Global Futures

Campus: Tempe

Description: The innovation for impact certificate program enables students to cultivate the knowledge, skills and critical dispositions necessary to leverage the power of innovation and achieve personally meaningful and socially significant impact. The program is grounded in the belief that each person can do great things.

Students learn tools and concepts for synthesizing research from courses across disciplines in social sciences, humanities, natural sciences and engineering. They identify a problematic condition or aspirational future and work with peers, mentors and the community to produce innovations that cultivate a better future for society.

This program offers students a distinct advantage in their chosen major.

Curriculum

Requirement	Minimum Grade	Credit Hours
FIS 201 Innovation in Society (HUAD)	C	3
FIS 305 Ways of Knowing	C	3
FIS 307 Navigating Futures (SOBE)	C	3
FIS 371 Innovation for Impact: Impact Journey	C	1
FIS 372 Innovation for Impact: Inquiry Journey	C	1
FIS 373 Innovation for Impact: Innovation Journey	C	1
FIS 481 Innovation for Impact: Application Journey	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Advising is not required, but students are encouraged to speak with an advisor by scheduling an appointment through the College of Global Futures advising website (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising/).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Think critically about innovation and the relationship between changes in technology and society, as well as demonstrate knowledge of the influences, origins, histories, values and risks across innovation systems.
Apply foresight methods to analyze emerging trends and plausible futures, as well as demonstrate the ability to participate as a team member on an inquiry project and manage stakeholder alignment and ecosystem

integration.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

This transdisciplinary program empowers graduates with valuable knowledge and skills that transcend traditional boundaries. They are prepared to lead the charge in creating positive change and innovation across diverse environments.

In today's rapidly evolving world, where technology, society and solutions intersect, graduates are equipped to navigate complex challenges. The certificate opens doors to careers in various sectors, including business, technology, science, education and government. Graduates become catalysts for change, driving global futures through their interdisciplinary approach.

Contact information

School for the Future of Innovation in Society | WCPH 4th floor
https://sfis.asu.edu/degree-programs/undergrad/cert/
cgfadvising@asu.edu
480-727-6963

Interdisciplinary Health Humanities Certificate (LAIHHUCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, West Valley

Description: The interdisciplinary health humanities certificate program brings humanities methodologies to analyses of health and medicine to address challenges in health policy and health care practice and to advance understandings of the cultural formations of health, illness and the body.

The curriculum includes courses in history of medicine, bioethics, disability studies, sociocultural aspects of health and narrative medicine. It includes critical analyses of representations of health and illness in literature and other media, as well as training in narrative and structural competency for health care professionals. A capstone course, internship or applied project offers experiential or project-based learning in this field.

Curriculum

Requirement	Minimum Grade	Credit Hours
The interdisciplinary health humanities certificate requires a total of 15 credit hours. A minimum of 12 upper-division credit hours are required, with at least nine of those credit hours taken in courses offered by The College of Liberal Arts and Sciences for students on the Tempe campus, or by the School of Humanities, Arts and Cultural Studies in the New College of Interdisciplinary Arts and Sciences on the West Valley		

Requirement	Minimum Grade	Credit Hours
campus. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Interdisciplinary Health Humanities Core		
ENG 203 Introduction to Health Humanities ENG 203 is available on the Tempe and West Valley campuses.	C	3
ENG 484 Internship **or** ENG 498 Topic: Interdisciplinary Health Humanities Projects **or** ENG 499 Individualized Instruction	C	3
Electives		
Upper Division Electives AFR 383 Blacks in Science, Medicine and Public Health ASB 301 Global History of Health (HUAD) ASB 305 Poverty and Global Health (CIVI) ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI) ASB 355 Traditional Medicine and Healing (HUAD) BIO 312 / IAS 340 / PHI 320 Bioethics (HUAD) BIO 315 Science, Values, and the Public ENG 469 Science and Literature FIS 498 Topic: Stem Cell Policy Research FOR 406 / IAS 406 / PHI 406 Moral Dilemmas HCI 313 Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing HPS 314 / PHI 314 Philosophy of Science (HUAD) HPS 331 / BIO 318 History of Medicine (HUAD) LSC 363 Genes, Race, Gender, and Society MED 300 Historical and Contemporary Issues in Health PHI 306 Applied Ethics (CIVI)	C	9

Requirement	Minimum Grade	Credit Hours
REL 381 Religion and Moral Issues (HUAD)		
SOC 400 Perspectives on Aging		
SOC 448 Epidemics and Society (GCSI)		
TCL 323 Latina/o Health Issues (SOBE)		
TCL 410 Race, Medicine, and the Body		
WST 444 Gender, Health, and Bodies (SOBE)		
Some elective courses may be available only on the Tempe campus or the West Valley campus.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the awarding of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can become more marketable and can advance their career options when they complement their major with this methodological specialization in interdisciplinary health humanities.

Graduates who have completed this undergraduate certificate often decide to pursue employment in the health professions. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

International Business Studies Certificate (BAIBSCERT)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: The certificate program in international business studies helps students develop competence in a foreign language and a sensitivity to foreign cultures. Students gain an awareness of global social processes and an understanding of international business environments, principles and operations.

The W. P. Carey School of Business has partnerships with universities all over the world, so students can experience

new cultures, visit new places and build intercultural and language skills. International internships also are offered in conjunction with the ASU Global Education Office.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate program requires a minimum of 18 credit hours (at least 12 credit hours must be upper division). All business coursework must be completed through the W. P. Carey School of Business or through an approved ASU international study program.		
International Business Core Course		
MGT 302 Principles of International Business (GCSI) **or** ECN 306 Survey of International Economics (GCSI)	C	3
International Business Elective		
Upper Division International Business Certificate Elective	C	6
Select two courses		
AGB 302 International Management and Agribusiness (GCSI)		
ECN 306 Survey of International Economics (GCSI)		
ECN 331 Economics of the European Economic Union (GCSI)		
ECN 335 South Asia and the World Economy		
ECN 360 Economic Development (GCSI)		
ECN 365 Economics of Russia and Eastern Europe		
ECN 436 International Trade Theory		
ECN 438 International Monetary Economics		
FIN 456 International Financial Management		
MGT 302 Principles of International Business (GCSI)		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 425 Global Human Resources		
MGT 459 International Management (GCSI)		
MGT 425 Global Human Resources		

Requirement	Minimum Grade	Credit Hours
SCM 463 Global Supply Chain Management (GCSI)		
300+ level WPC subject courses earned on a sponsored ASU study abroad program may be applied toward the elective area, per approval of the international programs coordinator. Courses applied toward the W. P. Carey business core cannot be used toward the elective area.		
Nonbusiness Global Communities, Societies and Individuals Coursework		
Nonbusiness Global Communities, Societies and Individuals Coursework		
Nonbusiness Global Communities, Societies, and Individuals coursework may be satisfied by any combination of the following: 1) Students can choose any of the university-designated nonbusiness Global Communities, Societies and Individuals (GCSI) courses. 2) One course must be upper division to meet the 12 upper-division hours requirement. 3) It is recommended to choose courses related to the area of study abroad experience. Additional courses may be approved by the international program coordinator. 4) Nonbusiness Global Communities, Societies and Individuals (GCSI) hours may also be satisfied by: * An ASU or W. P. Carey School of Business education abroad program earning six credit hours or more fulfills six of the credit hours of nonbusiness Global Communities, Societies and Individuals requirements. * An ASU or W. P. Carey School of Business education abroad program earning three credit hours fulfills three of the credit hours of nonbusiness Global Communities, Societies and Individuals requirements.	C	6
Upper Division Nonbusiness Global Communities, Societies and Individuals Coursework	C	3
Nonbusiness Global Communities, Societies, and Individuals coursework may be satisfied by any combination of the following: 1) Students can choose any of the university-designated nonbusiness Global Communities, Societies and Individuals (GCSI) courses. 2) One course must be upper division to meet the 12 upper-division hours requirement.		

Requirement	Minimum Grade	Credit Hours

3) It is recommended to choose courses related to the area of study abroad experience. Additional courses may be approved by the international program coordinator.

4) Nonbusiness Global Communities, Societies and Individuals (GCSI) hours may also be satisfied by: * An ASU or W. P. Carey School of Business education abroad program earning six credit hours or more fulfills six of the credit hours of nonbusiness Global Communities, Societies and Individuals requirements. * An ASU or W. P. Carey School of Business education abroad program earning three credit hours fulfills three of the credit hours of nonbusiness Global Communities, Societies and Individuals requirements.

Foreign Language Proficiency

Foreign Language Proficiency

The certificate program requires students to meet a foreign language proficiency by meeting one of the following:

1) Completion of one year (two semesters) of the same foreign language at the college level.

2) Completion of one semester of the equivalent of 101- and 102-level coursework.

3) Completion of two years of the same foreign language in high school with a minimum grade of "C" (2.00 on a 4.00 scale).

4) Documentation of a proficiency or placement test confirming preparedness to start at least the second year of a foreign language (201 level or above).

A student whose native language is not English may have this requirement waived.

International Study Experience

International Study Experience

The certificate program requires students to participate in an ASU Global Education Office sponsored program.

Students cannot use independent non-sponsored programs to fulfill this requirement. Sponsored programs can be found on the Global Education Office website.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or better may be used to meet the certificate requirements, and an overall certificate GPA of at least 2.50 must be earned.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate. The certificate program in international business enables students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Graduates who have completed this undergraduate certificate often decide to pursue employment in management, sales, marketing and communication. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcglobalprograms@asu.edu
480-965-4227

International Cinema Certificate (LAICINCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in international cinema provides undergraduates with the means to explore and understand the role that international film plays in highlighting cultural diversity; reflecting the sociocultural, political and economic currents of the period and cultural setting depicted; and calling into question an accepted idea of the dominance of Hollywood film.

Following an integrated pathway through the variety of international film courses, the program explores facets of international film history and production not often covered by American programs in film studies. Students majoring in a second language can explore a particular culture's filmic heritage and traverse avenues for comparative analysis between the filmic heritage of two or more cultures. Students majoring in other areas can encounter visual narratives different from their own and connect international cinema to their own respective experiences.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours of upper-division coursework. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Core Course		
SLC 340 Approaches to International Cinema (GCSI)	C	3
Electives		
Upper Division Electives	C	15
CHI 345 Chinese Film and Civilization		
FMP 404 World Cinema		
FMS 426 Films of India		
FMS 427 Identity and World Film		
FMS 430 Artists in Film: Artists' Biopics		
FMS 441 Global Cinema		
GER 445 / FMS 445 / SLC 445 Holocaust, War and German Memory		
GER 446 / FMS 446 / SLC 446 Weimar-Era German Film (HUAD)		
HEB 349 Israeli Wars in Israeli Movies		
ITA 420 Italian Cinema		
KOR 347 Korean Film and Literature (HUAD)		
SLC 423 Italian Organized Crime in Films and History (HUAD)		
SLC 440 Film Theory and Criticism		
SLC 450 Experimental Narrative		
SLC 494 Topic: Narrative and Embodiment in Cinema		
SPA 433 Film and Culture of Mexico		
SPA 385 / SLC 385 Cinema and Culture of Spain		
SPA 475 Latin American Film		

Requirement	Minimum Grade	Credit Hours
THE 422 Latinx Theatre and Film (HUAD)		
Additional upper-division elective courses may be approved by the coordinator of the certificate program.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

ASU students with sophomore standing or higher and who have a GPA of at least 2.50 in any degree program are eligible for the international cinema certificate program. Admission to the certificate program is approved by the certificate coordinator in consultation with advisors.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze approaches to film theory and criticism in the context of international film production
- Communicate research findings on a topic connected to International Cinema production in an oral presentation using visual materials.

Career opportunities

Graduates who have combined the certificate in international cinema with their major program of study may be more marketable to employers. They often decide to pursue employment in education, tourism, the arts or the humanities.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/international-cinema-certificate
silcadvising@asu.edu
480-965-6281

International Relations Certificate (LAINSCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

This program's name has changed effective Fall 2025. The previous name was International Studies.

Description: Students in the international relations certificate program develop a sophisticated understanding of conflict and cooperation across the globe, political and economic institutions, and dynamics between state and nonstate actors. Students begin with foundational instruction on U.S. political institutions or global politics and then progress to advanced coursework that examines public policy, political leadership and political change. After receiving

foundational instruction on international relations, students examine relations among nations, including America's role in the world; key international themes such as national security, intelligence, diplomacy and trade; and the intersection of politics, culture, and national and global identities. Coursework develops students' analytical and communication skills, and they have options for experiential learning, including internships.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate is comprised of 15 credit hours from political science, global studies, and international relations courses. At least 12 credit hours must be in upper-division coursework and at least six of those credit hours must be from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses used toward the certificate.		
Foundations for International Relations		
Foundations for International Relations Courses		
INR 205 Perspectives on International Relations		
POS 160 Global Politics (GCSI)		
SGS 101 Thinking Globally (GCSI)	C	3
POS 360 World Politics (GCSI)		
SGS 301 Principles of Global Studies (GCSI)		
Intelligence, Diplomacy, and Security		
Upper Division Intelligence, Diplomacy, and Security Courses		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 394 Topic: The Politics of Cyberspace		
POS 394 Topic: Democratic Resilience in the Digital Age	C	3
POS 466 / SGS 466 Migration, Environment and Global Security		
POS 467 International Security (GCSI)		
POS 494 / SGS 494 Topic: Diplomacy/PolicyDesignStudio I		
SGS 494 Topic: International Criminal Tribunals & Global Security		

Requirement	Minimum Grade	Credit Hours
International Law, Economy, and Institutions		
Upper Division International Law, Economy, and Institutions Courses		
POS 350 Comparative Politics (GCSI)		
POS 351 Democratization (GCSI)		
POS 361 American Foreign Policy (SOBE)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 465 International Organization and Law (GCSI)		
POS 486 International Political Economy (GCSI)	C	6
SGS 303 Global Trends (GCSI)		
SGS 321 International Institutions and Global Governance		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 350 Economic Development and Globalization		
SGS 379 The Resource Curse		
Culture, Politics, and Identity		
Upper Division Culture, Politics, and Identity Courses		
POS 300 Contemporary Global Controversies (GCSI)		
POS 368 Ethics and Human Rights (GCSI)		
POS 388 Religion, Ethics, and International Politics (CIVI)	C	3
SGS 360 Cultural Aspects of Globalization		
SGS 370 Geopolitics (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Incompatible majors: BA and BS in international relations

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in international relations with their major program of study become more attractive to employers.

Graduates are equipped with the skills to identify global trends and address issues facing humanity. They have developed a deeper understanding of international policy while leveraging their critical thinking and communication skills, as well as their cross-cultural competencies. Their sector-spanning analytic skills are useful for careers in many areas, including government, international organizations, nongovernmental organizations, academia and journalism. Graduates pursue careers as foreign service officers, security analysts and policy analysts, and in other data-driven positions.

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

International Trade Certificate (TBINTRCERT)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix

Description: The undergraduate certificate program in international trade provides students with an understanding of foreign markets and the intricacies of international trade, laying the foundation for a career that can take them anywhere in the world.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in international trade requires 18 credit hours as outlined below, with a minimum of 12 upper-division credits. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area. Minimum "C" (2.00) grade is required in all course work in this certificate.		
TGM 101 Principles of Global Management (GCSI) It is recommended that students take TGM 101 prior to or concurrently with other TGM courses.	C	3
TGM 430 International Trade and Regional Economic Agreements	C	3

Requirement	Minimum Grade	Credit Hours
Electives		
TGM 204 Principles of Marketing for Global Organizations		
TGM 300 Principles of Finance for Global Organizations		
TGM 310 Supply Chain Operations for Global Organizations		
TGM 312 Big Data in the Global Economy		
TGM 353 Regional Management Environment (GCSI)	C	3
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TGM 489 Multinational Organizational Leadership		
Upper Division Electives		
TGM 300 Principles of Finance for Global Organizations		
TGM 310 Supply Chain Operations for Global Organizations		
TGM 312 Big Data in the Global Economy		
TGM 353 Regional Management Environment (GCSI)	C	9
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TGM 489 Multinational Organizational Leadership		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Study abroad or international experience is encouraged but not required. Consider ASU Global Education Office opportunities.

Enrollment requirements

Incompatible Majors: BGM in global management; BS in international trade

No more than six credit hours may be shared between certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in international trade with their major program of study may be more marketable to employers. Many decide to pursue employment in corporations, governments and nonprofits in positions such as global logistics manager, import and export agent, or international compliance manager.

This certificate opens a wealth of opportunities with organizations that operate in multiple countries across sectors and that need leaders who understand the increasing complexities of the global economy. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu
ugadvising@thunderbird.asu.edu
602-496-7100

Islamic Studies Certificate (LAISLCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Islam, the fastest growing religion in the world, plays an increasingly significant role in shaping international politics, culture, law and business. The certificate program in Islamic studies and its required coursework in two different regions enables students to gain an appreciation of Islam's multiculturalism and contemporary relevance in multiple disciplines and geographic settings.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in Islamic studies requires a minimum of 21 credit hours. At least 12 upper-division hours are required. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. A minimum grade of "C" (2.00 on a 4.00 scale) is required in each course used toward the certificate.		
Language Requirement		

Requirement	Minimum Grade	Credit Hours
Students must complete a minimum of three credit hours in a language relevant to the study of Islam, chosen from Arabic, Bosnian/Croatian/Serbian, French, Indonesian or Russian (typically offered in Fall and Spring semesters) or Farsi, Kazakh, Tatar, Turkish or Uzbek (these courses are offered by the Critical Languages Institute and are typically only available in summer terms under the SLC prefix; availability may vary). Students who are native speakers of these languages or other Islamic languages, or who have other equivalent knowledge may substitute three credit hours of additional coursework selected from the list of approved electives. See program coordinator. ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing. Students already proficient in a second language may take a proficiency exam.		
Language Requirement ARB 101 Elementary Arabic I ARB 102 Elementary Arabic II ARB 201 Intermediate Arabic I ARB 202 Intermediate Arabic II ARB 311 Advanced Arabic Skills I ARB 321 Arabic Conversation I ARB 411 Advanced Arabic Skills II ARB 421 Arabic Conversation II BCS 101 Elementary Serbo-Croatian BCS 102 Elementary Serbo-Croatian BCS 201 Intermediate Serbo-Croatian BCS 202 Intermediate Serbo-Croatian BCS 311 Bosnian/Croatian/Serbian Composition and Conversation I BCS 312 Bosnian/Croatian/Serbian Composition and Conversation II	C	3 - 6

Requirement	Minimum Grade	Credit Hours
FRE 101 Elementary French I		
FRE 102 Elementary French II		
FRE 110 Intensive French I		
FRE 201 Intermediate French I		
FRE 202 Intermediate French II		
FRE 210 Intensive French II		
FRE 311 Oral and Written Expression I		
FRE 312 Oral and Written Expression II		
FRE 411 Advanced Spoken French		
FRE 412 Advanced Written French		
IDN 101 Elementary Indonesian I		
IDN 102 Elementary Indonesian II		
IDN 201 Intermediate Indonesian I		
IDN 202 Intermediate Indonesian II		
RUS 101 Elementary Russian I		
RUS 102 Elementary Russian II		
RUS 201 Intermediate Russian I		
RUS 202 Intermediate Russian II		
RUS 211 Conversational Russian I		
RUS 212 Conversational Russian II		
RUS 311 Russian Society I		
RUS 312 Russian Society II		
SLC 194 Topic: Elementary Kazakh I		

Requirement			Minimum Grade	Credit Hours
SLC 194 Topic: Elementary Kazakh II				
SLC 294 Topic: Intermediate Kazakh I				
SLC 294 Topic: Intermediate Kazakh II				
SLC 194 Topic: Elementary Persian I (Farsi)				
SLC 194 Topic: Elementary Persian II (Farsi)				
SLC 294 Topic: Intermediate Persian (Farsi) I				
SLC 294 Topic: Intermediate Persian (Farsi) II				
SLC 194 Topic: Elementary Tatar I				
SLC 194 Topic: Elementary Tatar II				
SLC 294 Topic: Intermediate Tatar I				
SLC 294 Topic: Intermediate Tatar II				
SLC 194 Topic: Elementary Turkish I				
SLC 194 Topic: Elementary Turkish II				
SLC 294 Topic: Intermediate Turkish I				
SLC 294 Topic: Intermediate Turkish II				
SLC 194 Topic: Elementary Uzbek I				
SLC 194 Topic: Elementary Uzbek II				
SLC 294 Topic: Intermediate Uzbek I				
SLC 294 Topic: Intermediate Uzbek II				

The number of credit hours for the language requirement will vary from 3-6 hours, depending on the specific language and course chosen.

Core

HST 260 Introduction to Islam (GCSI)	**or**	REL 260 Introduction to Islam (GCSI)	C	3

Requirement	Minimum Grade	Credit Hours
HST 336 Islamic Civilization (HUAD) **or** REL 365 Islamic Civilization (HUAD)	C	3
HST 339 Islam in the Modern World (GCSI) **or** REL 366 Islam in the Modern World (GCSI)	C	3
Islamic Studies Electives Students must choose electives that represent at least two of three geographic regions. The available geographic regions are Africa and the Middle East, America and Europe, and Asia. No more than one course from the "non-geographic" list may apply toward the certificate. It is recommended that students work with an academic advisor in the School of Historical, Philosophical and Religious Studies to select appropriate elective courses.		
Upper Division Elective Courses	C	6
AFRICA AND THE MIDDLE EAST		
AFR 300 / ASB 310 Precolonial Africa (GCSI)		
AFR 305 / HST 326 The Global History of the Trans-Atlantic Slave Trade (GCSI)		
AFR 336 African Art		
AFR 340 The Making of Modern Africa		
AFR 466 / ASB 466 Peoples and Cultures of Africa		
ARB 331 / SLC 331 Arabic/Islamic Culture and Literature (GCSI)		
ARB 335 Arabic Culture and Islam (GCSI)		
ARB 337 Hadith and Prophetic Tradition		
ARB 341 Quran Text and Women (GCSI)		
ARB 351 Classical Arabic Literature		
ARB 352 Modern Arabic Literature in Translation		
ARB 394 Topic: Arabic Film and Media		
ARB 394 Topic: Arabic Sociolinguistics		
ARB 394 Topic: Iraqi Culture & Society		

Requirement	Minimum Grade	Credit Hours
ARB 422 Advanced Arabic Media		
ARB 427 Arabic Prose: Reading the Arabian Nights		
ARB 428 / SLC 428 Gender and Sexuality Discourse in the Middle East		
ASB 366 / AFR 366 African Archaeology: Precolonial Urban Culture		
GCU 328 Geography of Middle East and North Africa (GCSI)		
HST 307 Studies in African History		
HST 360 Crusades and Holy Wars (HUAD)		
HST 372 Modern Middle East (GCSI)		
HST 430 The Ottoman Empire in the Classical Period		
MHL 394 Topic: Music in the Middle East		
MUP 489 Topic: Middle East Music Ensemble		
MUS 394 Topic: Introduction to Music of the Middle East		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 359 African Politics and Society		
POS 394 / SGS 394 Topic: The Israel-Palestinian Conflict		
REL 362 / AFR 372 / SGS 366 Islam and Islamic Societies in Africa: Social and Political History		
REL 369 Women in Islam		
REL 461 / AFR 480 / SGS 442 Different Voices Within Contemporary Islamic Discourse		
AMERICA AND EUROPE		
GCU 426 Geography of Russia and Surroundings		
HST 350 Later Middle Ages (GCSI)		
HST 302 Topic: Medieval Travelers		

Requirement	Minimum Grade	Credit Hours
REL 310 Western Religious Traditions		
REL 364 Islam in Eurasia and Central Asia		
REL 377 Religion in Russia		
SGS 394 Topic: The Kosovo War		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
ASIA		
ASB 325 Peoples of Southeast Asia		
GCU 326 Geography of Asia		
GCU 433 Geography of Southeast Asia		
HST 302 Topic: Envisioning Peace		
HST 391 / SGS 381 Modern Southeast Asia		
HST 392 Modern India		
HST 394 Topic: Pakistan, India, and Afghanistan: Peace Challenges		
REL 347 Religions of India		
REL 348 Religion and Culture in Southeast Asia		
REL 364 Islam in Eurasia and Central Asia		
NON-GEOGRAPHIC		
ARB 336 Introduction to the Qur'an (GCSI)		
ARB 360 Islamic Philosophical Literature		
ARS 394 Topic: Islamic Art		
HST 302 Topic: Gender and Sexuality in Islam		
HST 302 / JST 302 Topic: Jews, Christians & Muslims in Early Modern World		

Requirement	Minimum Grade	Credit Hours
HST 302 / JST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 302 Topic: Women, War and Peace		
HST 396 / REL 396 Islam and Politics (CIVI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
REL 363 / AFR 373 Islam and World Affairs		
REL 378 / POS 378 Religion, War and Peace (CIVI)		
REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 480 / SGS 441 Religion and Global Politics		
Elective Courses	C	3
AFRICA AND THE MIDDLE EAST		
AFR 300 / ASB 310 Precolonial Africa (GCSI)		
AFR 305 / HST 326 The Global History of the Trans-Atlantic Slave Trade (GCSI)		
AFR 336 African Art		
AFR 340 The Making of Modern Africa		
AFR 466 / ASB 466 Peoples and Cultures of Africa		
ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)		
ARB 331 / SLC 331 Arabic/Islamic Culture and Literature (GCSI)		
ARB 335 Arabic Culture and Islam (GCSI)		
ARB 337 Hadith and Prophetic Tradition		
ARB 341 Quran Text and Women (GCSI)		
ARB 351 Classical Arabic Literature		

Requirement	Minimum Grade	Credit Hours
ARB 352 Modern Arabic Literature in Translation		
ARB 394 Topic: Arabic Film and Media		
ARB 394 Topic: Arabic Sociolinguistics		
ARB 394 Topic: Iraqi Culture & Society		
ARB 422 Advanced Arabic Media		
ARB 427 Arabic Prose: Reading the Arabian Nights		
ARB 428 / SLC 428 Gender and Sexuality Discourse in the Middle East		
ASB 366 / AFR 366 African Archaeology: Precolonial Urban Culture		
GCU 328 Geography of Middle East and North Africa (GCSI)		
HST 294 / JST 294 / POS 294 / SGS 294 Topic: Israeli Politics		
HST 307 Studies in African History		
HST 360 Crusades and Holy Wars (HUAD)		
HST 372 Modern Middle East (GCSI)		
HST 430 The Ottoman Empire in the Classical Period		
MHL 394 Topic: Music in the Middle East		
MUP 489 Topic: Middle East Music Ensemble		
MUS 394 Topic: Introduction to Music of the Middle East		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 359 African Politics and Society		
POS 394 / SGS 394 Topic: The Israel-Palestinian Conflict		
REL 362 / AFR 372 / SGS 366 Islam and Islamic Societies in Africa: Social and Political History		
REL 369 Women in Islam		

Requirement	Minimum Grade	Credit Hours
REL 461 / AFR 480 / SGS 442 Different Voices Within Contemporary Islamic Discourse		
AMERICA AND EUROPE		
GCU 426 Geography of Russia and Surroundings		
HST 102 Europe and the Mediterranean: Ancient and Medieval (HUAD)		
HST 350 Later Middle Ages (GCSI)		
HST 302 Topic: Medieval Travelers		
REL 310 Western Religious Traditions		
REL 364 Islam in Eurasia and Central Asia		
REL 377 Religion in Russia		
SGS 394 Topic: The Kosovo War		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
ASIA		
ASB 325 Peoples of Southeast Asia		
GCU 326 Geography of Asia		
GCU 433 Geography of Southeast Asia		
HST 111 / REL 111 Introduction to Asia (GCSI)		
HST 240 / GCU 240 / POS 240 / REL 240 / SGS 240 Introduction to Southeast Asia		
HST 245 / POS 245 / REL 245 / SGS 245 / SLC 245 Introduction to India and South Asia		
HST 302 Topic: Envisioning Peace		
HST 391 / SGS 381 Modern Southeast Asia		
HST 392 Modern India		

Requirement	Minimum Grade	Credit Hours
HST 394 Topic: Pakistan, India, and Afghanistan: Peace Challenges		
REL 347 Religions of India		
REL 348 Religion and Culture in Southeast Asia		
REL 364 Islam in Eurasia and Central Asia		
NON-GEOGRAPHIC		
ARB 336 Introduction to the Qur'an (GCSI)		
ARB 360 Islamic Philosophical Literature		
ARS 394 Topic: Islamic Art		
HST 302 Topic: Gender and Sexuality in Islam		
HST 302 / JST 302 Topic: Jews, Christians & Muslims in Early Modern World		
HST 302 / JST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 302 Topic: Women, War and Peace		
HST 396 / REL 396 Islam and Politics (CIVI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
REL 101 Religion, Culture and Public Life (HUAD)		
REL 107 Religion and Globalization (GCSI)		
REL 201 Religion and the Modern World (HUAD)		
REL 205 Life, Sex and Death (GCSI)		
REL 363 / AFR 373 Islam and World Affairs		
REL 378 / POS 378 Religion, War and Peace (CIVI)		
REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 480 / SGS 441 Religion and Global Politics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Not all courses for this program are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

There are no specific admission requirements other than a student's desire to learn about Islam and Islamic societies and culture.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Will be able to analyze an academic issue in Islamic studies.
Will be able to compose a critical argument about an academic issue related to Islamic studies.
Identify and summarize important features of the major periods of Islamic civilization from the seventh century to the present.

Career opportunities

Graduates who have completed the certificate in Islamic studies may be more marketable to employers. They have successfully pursued employment in education, law, tourism, international law, business, journalism, international relations, humanitarian service, diplomacy, the military, public advocacy, politics, medicine and the intelligence service.

The program is also designed to prepare students for graduate programs in history, religious studies, Islamic studies and area studies, and cultural anthropology, and for any academic discipline or career that focuses on the global Muslim society.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Jewish Studies Certificate (LAJUDCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The Jewish studies certificate program examines the history and culture of the Jews, generates and facilitates research on Judaica, and provides a model for transdisciplinary teaching and research.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in Jewish studies requires a minimum of 21 credit hours in approved coursework. At least 12 upper-division hours are required. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. A minimum grade of "C" (2.00 on a 4.00 scale) is required in each course used toward the certificate.		
Language Requirement ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing. Students already proficient in a second language may take a proficiency exam.		
Language Requirement ARB 101 Elementary Arabic I **AND** ARB 102 Elementary Arabic II GER 101 Elementary German I **AND** GER 102 Elementary German II HEB 101 Elementary Modern Hebrew I **AND** HEB 102 Elementary Modern Hebrew II HEB 133 / JST 133 / REL 133 Elementary Biblical Hebrew **AND** HEB 233 / JST 233 / REL 233 Intermediate Biblical Hebrew PLC 101 Elementary Polish **AND** PLC 102 Elementary Polish RUS 101 Elementary Russian I **AND** RUS 102 Elementary Russian II SPA 101 Elementary Spanish I **AND** SPA 102 Elementary Spanish II	C	6 - 10
Students must complete two semesters of the same language. Credit hours will vary depending on the language chosen.		
Jewish Studies Electives Students choose five courses from the electives below. At least 12 credit hours must be upper division.		
Upper Division Jewish Studies Electives	C	12

Requirement	Minimum Grade	Credit Hours
ENG 333 Topic: American Jewish Literature during the Cold War		
ENG 356 The Bible as Literature		
HEB 333 / JST 333 / REL 333 Biblical Hebrew Literature I		
HEB 334 / JST 334 / REL 334 Biblical Hebrew Literature II		
HEB 375 Contemporary Culture of Israel		
HST 302 Topic: Jews, Christians & Muslims in Early Modern World		
HST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 304 Topic: Exiles, Migrants, Refugees in Jewish History		
HST 304 Topic: History of Antisemitism		
HST 304 Topic: Jews and Christians in the Middle Ages		
HST 304 Topic: Nazi Germany		
HST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 358 Jewish History from Antiquity to 1492		
HST 359 Jewish History from 1492 to 1948		
HST 372 Modern Middle East (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 454 / REL 454 History of Genocide (GCSI)		
JST 302 Studies in History		
JST 304 Studies in European History		
JST 314 / HST 390 / PHI 390 / REL 314 Jewish Philosophy		
JST 315 / REL 315 Hebrew Bible (Old Testament) (HUAD)		
JST 316 / ENG 316 / HEB 316 / REL 316 Literary Readings of the Hebrew Bible		
JST 346 / FMS 349 / HEB 349 Israeli Wars in Israeli Movies		

Requirement	Minimum Grade	Credit Hours
JST 347 / ENG 347 / HEB 347 / SLC 347 Modern Israeli Literature in Translation		
JST 348 / HEB 348 / REL 311 / SLC 348 Israeli Society and Culture (HUAD)		
JST 349 / HPS 349 / REL 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
JST 369 / HST 369 / REL 312 History and Memory of the Holocaust		
JST 411 / HEB 411 / REL 411 Judaism and the Beginnings of Christianity		
JST 445 / FMS 445 / GER 445 / SLC 445 Holocaust, War and German Memory		
JST 460 / HST 460 World War II (HUAD)		
JST 491 History of Antisemitism		
JST 495 Judaism, Science and World Religions		
JST 496 Biblical Narratives: Literary Approaches		
JUS 374 The Holocaust, Genocide, and Human Rights		
REL 310 Western Religious Traditions		
REL 385 Contemporary Western Religious Thought		
SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts		
STS 364 Science, Technology, and National Security		
Jewish Studies Electives	C	3
ENG 333 Topic: American Jewish Literature during the Cold War		
ENG 356 The Bible as Literature		
HEB 333 / JST 333 / REL 333 Biblical Hebrew Literature I		
HEB 334 / JST 334 / REL 334 Biblical Hebrew Literature II		
HEB 375 Contemporary Culture of Israel		
HST 302 Topic: Jews, Christians & Muslims in Early Modern World		

Requirement	Minimum Grade	Credit Hours
HST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 304 Topic: Exiles, Migrants, Refugees in Jewish History		
HST 304 Topic: History of Antisemitism		
HST 304 Topic: Jews and Christians in the Middle Ages		
HST 304 Topic: Nazi Germany		
HST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 358 Jewish History from Antiquity to 1492		
HST 359 Jewish History from 1492 to 1948		
HST 372 Modern Middle East (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 454 / REL 454 History of Genocide (GCSI)		
JST 210 / REL 210 Introduction to Judaism		
JST 211 / HST 211 / REL 211 Jews and Judaism in America		
JST 230 / HST 230 / REL 230 Introduction to Jewish Civilization (GCSI)		
JST 294 / HEB 294 / HST 294 / POS 294 / REL 294 / SGS 294 Topic: History of Zionism: Origin-Establishment of Israel		
JST 294 / HST 294 / POS 294 / SGS 294 Topic: Israeli Politics		
JST 302 Studies in History		
JST 304 Studies in European History		
JST 314 / HST 390 / PHI 390 / REL 314 Jewish Philosophy		
JST 315 / REL 315 Hebrew Bible (Old Testament) (HUAD)		
JST 316 / ENG 316 / HEB 316 / REL 316 Literary Readings of the Hebrew Bible		
JST 346 / FMS 349 / HEB 349 Israeli Wars in Israeli Movies		
JST 347 / ENG 347 / HEB 347 / SLC 347 Modern Israeli Literature in Translation		

Requirement	Minimum Grade	Credit Hours
JST 348 / HEB 348 / REL 311 / SLC 348 Israeli Society and Culture (HUAD)		
JST 349 / HPS 349 / REL 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
JST 369 / HST 369 / REL 312 History and Memory of the Holocaust		
JST 411 / HEB 411 / REL 411 Judaism and the Beginnings of Christianity		
JST 445 / FMS 445 / GER 445 / SLC 445 Holocaust, War and German Memory		
JST 460 / HST 460 World War II (HUAD)		
JST 491 History of Antisemitism		
JST 495 Judaism, Science and World Religions		
JST 496 Biblical Narratives: Literary Approaches		
JUS 374 The Holocaust, Genocide, and Human Rights		
REL 207 Ritual, Symbol, and Myth (HUAD)		
REL 310 Western Religious Traditions		
REL 385 Contemporary Western Religious Thought		
SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts		
STS 364 Science, Technology, and National Security		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Not all courses in the course lists are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

Incompatible Majors: BA in Jewish studies

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates are more marketable to employers when they have complemented their major program of study with an undergraduate certificate.

Through a certificate in Jewish studies, students gain a familiarity with Jewish culture, which gives them a competitive edge when they pursue a career with one of the hundreds of U.S. companies that do business in Israel.

These students are also prepared to:

attend rabbinic seminary in preparation for becoming a rabbi or chaplain
engage in world political and economic issues
pursue advanced education in Jewish professional service fields

The certificate also provides a foundation for students who wish to pursue advanced degrees or careers related to their area of interest in fields that may include archeology, history, justice studies, journalism, law and international relations. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Juvenile Justice Certificate (PPJVJUCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The curriculum of the juvenile justice certificate program covers key topics focused on justice-involved youth, including theoretical perspectives on why youth engage in delinquent acts; life-course criminology and how key turning points in life impact trajectories of youth; the number of youth who engage in delinquency who have a prior history of victimization; and juvenile justice and how the criminal justice system, including police, courts and correctional agencies, responds to youth.

Curriculum

Requirement	Minimum Grade	Credit Hours
At least 12 credit hours must be taken in residence at ASU.		
Required Courses		
CRJ 204 Juvenile Justice	C	3
CRJ 404 Juvenile Delinquency	C	3
CRJ 425 Life-Course Criminology	C	3
Elective Courses		
Upper Division Electives	C	6

Requirement	Minimum Grade	Credit Hours
CDE 312 / SOC 312 Adolescence (SOBE)		
CDE 450 Childhood Disorders and Family Functioning		
CRJ 462 Gangs		
CRJ 494 Topic: Children and The Law		
JUS 477 Youth and Justice (SOBE)		
PSY 341 Developmental Psychology (SOBE)		
TEL 315 Child and Adolescent Development		
Special Topics course (CRJ 494): Other juvenile justice-related topics may be substituted.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Completion of the following prerequisite courses with grades of "C" or higher are required for enrollment in the certificate program:

• CRJ 100 Introduction to Criminal Justice
• completion of PSY 230 Introduction to Statistics or one of the following two-course sequences in research methods and statistics with a grade of "C" or higher: CRJ 302/CRJ 303 or JUS 301/JUS 302 or PSY 290/PSY 230 or SOC 391/SOC 390 or SWU 320/SWU 321 or FAS 361/SOC 390

Bachelor of Science in criminology and criminal justice majors who are also pursuing the juvenile justice certificate may not use CRJ 404, CRJ 425 and their chosen electives (CRJ 462 or CRJ 494) towards both their degree and the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate an understanding of how the criminal justice system, including police, courts, and correctional agencies, can best respond to juvenile delinquent acts through a comprehension of risk and protective factors. Apply knowledge about the nature of delinquency into the analysis of appropriate responses to delinquent acts. Illustrate competency in life-course theories of social control.

Career opportunities

Those who complete this certificate have developed expertise in understanding youth crime and responses to it. This expertise prepares them for employment opportunities in juvenile courts, juvenile probation and corrections, and social service agencies.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu
SCCJadvising@asu.edu
602-496-1658

Korean Studies Certificate (LAKORCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the certificate program in Korean studies, students gain in-depth and practical knowledge of dynamic Korea in the modern and contemporary world, with a particular focus on Korea's economic, cultural and technological innovation.

The program consists of two major components: Korean language skills in the areas of speaking, listening, reading and writing; and instruction in the areas of Korean society, culture, history, literature and religion.

Certificate coursework enriches students' critical thinking skills and their ability to investigate and address issues surrounding Korea and independent sociocultural, geopolitical and environmental challenges in the world.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in Korean studies requires 22 credit hours, of which at least 12 must be completed at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Korean Language		
Korean Language	C	10
KOR 101 First-Year Korean I		
KOR 102 First-Year Korean II		
KOR 201 Second-Year Korean I		
KOR 202 Second-Year Korean II		

Requirement	Minimum Grade	Credit Hours
Students must choose one two-course sequence from KOR 101, KOR 102, KOR 201, KOR 202 for a total of 10 credit hours. Course substitutions may be permitted for heritage speakers and other advanced speakers of the Korean language based on their proficiency level as determined by the Korean Placement Test. See https://silc.asu.edu/student-life/academic-advising/language-testing/placement-testing-undergraduates		
Upper-Division Electives		
HST 303 Studies in Asian History	C	3
KOR 321 Modern Korean Literature	C	3
KOR 347 Korean Film and Literature (HUAD)	C	3
KOR 350 Women of Korea	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Additional courses may be approved in consultation with an academic advisor in the School of International Letters and Cultures or the coordinator of the certificate. The completion of the requirements will be reviewed both by student's designated advisors and the coordinator of the program.

Enrollment requirements

ASU students admitted to a degree program in any field of study are eligible to pursue the Korean studies certificate program. Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Recognize and discuss the major events and issues of Korean history, culture, and society.
Communicate orally and in writing in Korean at the novice high for beginning learners or intermediate low for intermediate learners.

Career opportunities

Graduates who have combined a certificate in Korean studies with their major program of study are more marketable to employers than ever. Benefiting from their practical knowledge and enriched perspective of Korea in addition to training received in their majors, graduates have a competitive advantage in various professions, including academia,

government, politics, tourism and hospitality, marketing, military and various other types of work that involve culture and language translation. Graduates often pursue employment in education and with Korean companies such as Samsung, LG and Hyundai.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/korean-studies-certificate
silcadvising@asu.edu
480-965-6281

Latin American Studies Certificate (LALASCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students in the Latin American studies certificate program gain an understanding of the cultures, economies, politics and history of Latin American nations while developing language proficiency in Spanish or Portuguese.

The program is designed to cross disciplinary boundaries and provide a diverse and global perspective of Latin American experiences. Students may take courses in history, culture, transborder studies, geography, colonization, literature, film, theater, the arts and more.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours of Latin American studies content, of which at least 15 credit hours must be upper division. At least 12 credit hours must be completed from courses offered by The College of Liberal Arts and Sciences. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Language Requirement Students must demonstrate Spanish or Portuguese proficiency through the 313 level of conversation and composition. The language proficiency requirement may be waived for native speakers or those with in-field experience equivalent to SPA 313 or POR 313.		
Language instruction courses dealing with Spanish and Portuguese conversation and composition cannot be used to satisfy the content course requirement. While students are encouraged to enroll in language instruction courses (i.e. conversation and composition) above the 313 level, they cannot apply such coursework to the Latin American studies certificate course requirements.		
Latin American Content Course Requirements Students will take 18 credit hours (six courses) from the below list of Latin American content courses, of which at least 15 credit hours must be upper division. Students enrolled in a degree program with similar course enrollment options are recommended to select nine credit hours (three courses) from within their major and		

Requirement	Minimum Grade	Credit Hours
nine credit hours (three courses) outside their major. All students are encourage to select courses in consultation with a Latin American Studies advisor.		
Upper Division Latin American Content Courses	C	15
ARS 362 Survey of Aztec, Maya and Inka Art		
ASB 322 Peoples of Latin America (GCSI)		
ASB 337 Pyramids and Hieroglyphs: Life in Ancient Mesoamerica (GCSI)		
GCU 323 Geography of Latin America (GCSI)		
GCU 424 Geography of Mexico and Middle America		
GCU 425 Geography of the Mexican American Borderland		
HST 305 Studies in Latin American History		
HST 331 / TCL 331 Mexican American History to 1900		
HST 375 Colonial Latin America		
HST 376 Modern Latin America		
HST 404 / LAS 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 441 / LAS 441 Latin America and the World Economy		
HST 448 Mexican/U.S. Border		
HST 449 Mexican Immigration to the U.S.		
INT 415 Latin American Design (GCSI)		
JHR 378 / HST 378 / LAS 378 Inequality and Living Wages in Latin America (CIVI)		
POR 460 Brazilian Society Through Music (HUAD)		
POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)		
POS 305 Politics and Film (HUAD)		
POS 453 Latin America		
POS 454 Mexico		

Requirement	Minimum Grade	Credit Hours
POS 456 Latin American Cities		
POS 464 Border Cities: Action Research on Globalization		
REL 326 Hispanic Religion, Culture and Healing		
REL 331 Indigenous American Religious History		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
SPA 456 20th-Century Spanish American Fiction		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA 475 Latin American Film		
SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
TCL 310 Folklore of the Southwest		
TCL 314 Transborder Latin American Migration to the U.S. (SOBE)		
TCL 350 Mexican and Chicana/o Artistic Production		
TCL 444 The Ethnography of Mexico and the Borderlands		
THE 426 Pre-Columbian Theatre of the Americas		
Latin American Content Courses	C	3
ARS 202 Art of Africa, Oceania, and the Americas (GCSI)		
ARS 362 Survey of Aztec, Maya and Inka Art		

Requirement	Minimum Grade	Credit Hours
ASB 223 Aztecs, Incas and Mayas (HUAD)		
ASB 322 Peoples of Latin America (GCSI)		
ASB 337 Pyramids and Hieroglyphs: Life in Ancient Mesoamerica (GCSI)		
GCU 323 Geography of Latin America (GCSI)		
GCU 424 Geography of Mexico and Middle America		
GCU 425 Geography of the Mexican American Borderland		
HST 305 Studies in Latin American History		
HST 331 / TCL 331 Mexican American History to 1900		
HST 375 Colonial Latin America		
HST 376 Modern Latin America		
HST 404 / LAS 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 441 / LAS 441 Latin America and the World Economy		
HST 448 Mexican/U.S. Border		
HST 449 Mexican Immigration to the U.S.		
INT 415 Latin American Design (GCSI)		
JHR 378 / HST 378 / LAS 378 Inequality and Living Wages in Latin America (CIVI)		
POR 460 Brazilian Society Through Music (HUAD)		
POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)		
POS 305 Politics and Film (HUAD)		
POS 453 Latin America		
POS 454 Mexico		
POS 456 Latin American Cities		
POS 464 Border Cities: Action Research on Globalization		

Requirement	Minimum Grade	Credit Hours
REL 282 PreHispanic Native Am Wrldview		
REL 326 Hispanic Religion, Culture and Healing		
REL 331 Indigenous American Religious History		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
SPA 456 20th-Century Spanish American Fiction		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA 475 Latin American Film		
SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
TCL 310 Folklore of the Southwest		
TCL 314 Transborder Latin American Migration to the U.S. (SOBE)		
TCL 350 Mexican and Chicana/o Artistic Production		
TCL 444 The Ethnography of Mexico and the Borderlands		
THE 426 Pre-Columbian Theatre of the Americas		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Communicate orally in Spanish at the intermediate level standards according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.
Communicate in written Spanish at the intermediate level standards according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

Career opportunities

Graduates who have combined the certificate in Latin American studies with their major program of study may become more marketable to employers. They often decide to pursue employment in education, political analysis, the military, tourism and hospitality, or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/latin-american-studies-certificate
silcadvising@asu.edu
480-965-6281

Latino Politics and Policy Certificate (LALPPCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: This certificate program in Latino politics and policy advances students' understanding of past and present Latino political experiences and the policy issues surrounding this community, including immigration, voting and grassroots organizing. Students also learn strategies to mobilize change in the Latino community, both locally and nationally.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours of coursework. At least 15 credit hours must be ASU credit and at least 12 credit hours must be completed at the upper-division level. A minimum of nine credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses used toward the certificate.		
Core Requirements		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT) **or** TCL 101 Latinas/os in the U.S. (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
POS 301 Empirical Political Inquiry (SOBE) **or** TCL 304 Transborder Research Methods	C	3
POS 438 Latino Politics **or** TCL 340 Chicana/o and Latina/o Politics and Policy	C	3
Internship		
POS 484 Internship **or** TCL 484 Internship Students in the program must have a minimum 2.50 GPA in order to enroll and complete the internship requirement.	C	3
Related Electives		
Upper Division Related Electives		
JUS 320 Community and Social Justice		
JUS 347 Immigration, Education and the Family		
JUS 350 Immigration and Justice (SOBE)	C	3
JUS 370 Cultural Diversity and Justice (CIVI)		
PAF 405 Citizen Engagement and Community Building		
TCL 332 / HST 332 Mexican American History Since 1900 (GCSI)		
Electives		
Upper Division Electives	C	3
POS 394 Topic: Politics of U.S. Immigration		
POS 410 Governing American Cities		
POS 439 Minority Group Politics in America		
TCL 314 / SOC 314 Transborder Latin American Migration to the U.S. (SOBE)		
TCL 341 Latinas/os and the City		
TCL 342 / SOC 343 Race, Ethnicity, Latinos and the Changing Demographics of the United States		
TCL 377 / JUS 377 / POS 377 / SGS 377 Arizona, Immigration, Latinos and Politics		

Requirement	Minimum Grade	Credit Hours
TCL 443 / ASB 463 / SOS 463 Political Ecology of the Border		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students must have a minimum GPA of 2.00 to add this certificate program.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to explain the impact of the increasing Latino population on the U.S. political system. Students will analyze and interpret issues and policies that affect the Latino community utilizing appropriate methodologies.

Career opportunities

Graduates of this certificate program have the knowledge and hands-on experience to work in the fields of government, law and public policy. Additionally, graduates are more marketable to employers in:

business
education (administration and teaching)
film, media and the arts
nonprofit organizations
public affairs
public health
social work

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Transborder Studies | INTDSB 165
https://sts.asu.edu/
sts.undergrad@asu.edu
480-965-5091

Law Enforcement in Parks and Protected Areas Certificate (PPLEPPCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: As the Southwest continues to develop and urbanize, the demands and pressures on public lands and natural resources continue to grow. The interplay between society and natural resources is key to understanding modernity and continues to be at the center of policy issues and societal debates. The certificate program in law enforcement in parks and protected areas introduces students to issues of crime and criminal justice as related to parks and protected areas, with a focus on the distinct issues faced by managers of urban-proximate natural areas.

This certificate program includes classes from a nationally accredited parks and recreation program and from a highly ranked criminology and criminal justice program. Students pursuing majors in parks and recreation can attain basic knowledge of law enforcement, while students pursuing majors in criminology and criminal justice can be oriented to issues related to parks and protected areas.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours: 12 credit hours of required core courses and a three credit hour elective. Courses taken as part of a university major may count toward that degree and the certificate.		
Required Courses		
CRJ 230 Introduction to Policing	C	3
CRJ 410 Criminal Procedure I: The Law of Investigations	C	3
PRM 370 Public Lands Management	C	3
PRM 380 Wilderness and Parks in America (SUST)	C	3
Elective Course		
CRJ 315 Police Organization and Management **or** PRM 340 Outdoor Survival **or** PRM 360 Environmental and Cultural Interpretation	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Standards

15 hours of graded classroom coursework (no internship, no independent study).

Minimum of a "C" grade (2.00 on a 4.00 scale) required for all courses in the certificate.

Students should be a junior to take 300- and 400-level courses.

Enrollment requirements

A GPA of 2.00 is required to add this certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate an understanding of the ethical standards implicit in law enforcement in parks and protected areas.
Apply critical thinking skills by taking into account the complexities of an issue and acknowledging other viewpoints.

Career opportunities

Graduates of the certificate program in law enforcement in parks and protected areas can find opportunities in diverse settings involving a wide range of organizations, including recreation, environmental and federal agencies, and private security.

Contact information

School of Community Resources and Development | UCENT 164
https://scrd.asu.edu/
scrdadvising@asu.edu
602-496-1658

Law and Human Behavior Certificate (PPLWHBCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Tempe, West Valley

Description: Law and human behavior is an umbrella term that encompasses various aspects of the rapidly emerging field of forensic psychology, law and justice.

This certificate program focuses on the criminal justice aspects of forensic psychology, emphasizing victimology, offender treatment, criminal incapacity, mental health law, juvenile justice and delinquency, and the dynamics of how the criminal justice system intersects with behavioral science.

The program is designed to provide students of social services and social sciences with an understanding of important but understudied areas where justice policy is in desperate need of empirical, psychological research.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
CRJ 260 Criminal Law I: Introduction to Substantive Criminal Law	C	3
CRJ 410 Criminal Procedure I: The Law of Investigations	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
PSY 468 Psychology and Law	C	3
Elective Course		

Upper Division Electives

CRJ 309 Criminology (SOBE)		
CRJ 403 Victims and the Criminal Justice System		
CRJ 406 Sex Crimes		
CRJ 434 Drugs of Abuse		
CRJ 435 Crime and Forensic Mental Health (SOBE)		
CRJ 484 Internship		
CRJ 494 Special Topics		
PSY 341 Developmental Psychology (SOBE)	C	3
PSY 368 Forensic Psychology		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 472 Clinical Psychology		
PSY 474 Correctional Psychology		
PSY 494 Special Topics		

Special Topics courses (CRJ 494 and PSY 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the law and human behavior certificate program.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

At least 12 credit hours must be taken in residence at ASU.

Bachelor of Science in criminology and criminal justice majors who are also pursuing the Law and Human Behavior certificate may not use CRJ 309, CRJ 403, CRJ 406, CRJ 410, CRJ 434, CRJ 435, CRJ 484, and CRJ 494 towards both their degree and certificate.

Enrollment requirements

Students must complete the following prerequisite courses with a grade of "C" or higher (scale is 4.00 = "A") to enroll in the certificate program. These courses may be taken in-residence at ASU or transferred from other institutions, including community colleges. Because these courses are requirements for the bachelor's degree programs in psychology or criminology and criminal justice, their completion satisfies not only requirements of these two majors but also the prerequisite requirements for enrollment in the certificate program in law and human behavior.

Completion of the following prerequisite courses with grades of "C" or higher is required for enrollment in the certificate program:

• CRJ 100 Introduction to Criminal Justice
• PSY 101 Introduction to Psychology
• first-year composition (ENG 102, 105 or 107)
• a course that meets the General Studies MATH or MA requirement (MAT 114, 117, 119, 170, 210 or 270)
one of these two-course sequences in statistics and research methods:
• CRJ 302 and 303, or
• PSY 230 and 290

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply psychological theory and research to explain the behavior of individuals in the criminal justice system.
Demonstrate competency in explaining how the criminal court systems of the United States apply the law.

Career opportunities

Graduates of the law and human behavior certificate program find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in criminal justice agencies (federal, state and local), such as:

evidence and crime scene supervisor (crime scene investigation activities)
forensic psychologist
intelligence analyst
law enforcement officer

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu
SCCJAdvising@asu.edu
602-496-1658

Leadership and Ethics Certificate (PPLDECERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The certificate program in leadership and ethics focuses on understanding the broad transdisciplinary field of leadership and its application to various elements of society and community. It prepares individuals for positions of leadership and responsibility in the university, in student organizations, in their communities, and throughout their careers in business and government.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in leadership and ethics requires three core courses (nine credit hours), plus two elective discipline-based courses in leadership or ethics (six credit hours). Elective coursework may be selected from the approved list of elective courses or upon the recommendation of the department.		
All required courses must be taken at Arizona State University. Any course substitutions for the certificate are at the discretion of the School of Public Affairs.		
PAF 311 Leadership and Change (SOBE)	C	3
PAF 410 Building Leadership Skills (SOBE)	C	3
PAF 460 Public Service Ethics	C	3
Upper Division Electives		
COM 430 Leadership in Group Communication		
HON 497 Honors Colloquium		
MGT 300 Principles of Management and Leadership	C	6
NLM 430 Managing Nonprofit Organizations		
PAF 420 Managing Across Boundaries		
POS 314 The American Presidency (AMIT)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Apply knowledge of leadership and ethics in real-world circumstances, whether at work or in civic engagement.
> Apply core competencies of leadership as they relate to the identification, assessment and resolution of problems of public relevance in organizations.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as a manager or policy analyst in local, state or federal agencies, in nonprofit organizations, and in private organizations whose work interfaces with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Leadership in Business Certificate (BALIBCERT)

College/School: W. P. Carey School of Business

Campus: Polytechnic, Tempe, West Valley

Description: The leadership in business certificate program helps students understand the concept of leadership. Students in this program cultivate their leadership identity and understand how the development of their leadership skills impacts their professional development.

Students develop a strong set of skills necessary for success in a dynamic workplace, including communication, teamwork and collaboration, and problem-solving.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in leadership in business requires 15 credit hours with at least 12 upper division credits. To receive the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.		
Leadership Core Courses		
MGT 300 Principles of Management and Leadership **or** MGT 303 Honors Organizational Strategies, Leadership, and Behavior	C	3
MGT 310 Collaborative Team Skills **or** MGT 411 Leading Organizations	C	3
Leadership Development Electives		
Leadership Development Electives	C	3
COM 225 Public Speaking and Presentations (CIVI)		

Requirement	Minimum Grade	Credit Hours
COM 259 Communication in Business and the Professions (CIVI)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 400 Communication in Professions		
JUS 325 Globalization and Socio-Economic Justice		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 430 Negotiations		
MKT 302 Strategic Marketing Management		
PAF 311 Leadership and Change (SOBE)		
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
USL 210 Service Learning: Intro to Diverse Community Issues		
Upper Division Leadership Development Electives	C	3
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 400 Communication in Professions		
JUS 325 Globalization and Socio-Economic Justice		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 430 Negotiations		
MKT 302 Strategic Marketing Management		
PAF 311 Leadership and Change (SOBE)		

Requirement	Minimum Grade	Credit Hours
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
Cultural Competency Elective		
Upper Division Cultural Competency Elective	C	3
JUS 438 Human Differences: Dilemmas of Justice (CIVI)		
LES 380 Consumer Perspective of Business Law		
MCO 460 Race, Gender, and Media (SOBE)		
PHI 336 Social and Political Philosophy		
PHI 360 Business and Professional Ethics (HUAD)		
REL 366 Islam in the Modern World (GCSI)		
REL 381 Religion and Moral Issues (HUAD)		
REL 480 Religion and Global Politics		
SBS 301 Cultural Diversity (SOBE)		
SOC 334 Technology and Society (SOBE)		
SOC 339 Grassroots Social Movements		
SOC 342 Mexico-U.S. Borderlands		
SOC 363 Men and Masculinity (SOBE)		
TCL 314 Transborder Latin American Migration to the U.S. (SOBE)		
TCL 328 Hispanic Religion, Culture and Healing		
WST 300 Women and Gender in Contemporary Society (SOBE)		
WST 331 Asian Pacific American Genders and Sexualities (SOBE)		
WST 365 Women and International Health		
WST 467 Ethnic Women Writers		

Requirement	Minimum Grade	Credit Hours
WST 471 Women's International Human Rights		
WST 485 Women, Gender, and Leadership		
Co-curricular Experience		
*All pending approval of the certificate coordinator		
1. Complete an approved internship. This requirement must be completed after approval to add the certificate.		
2. Approved leadership position on an executive board with a registered ASU club or organization.		
3. Approved leadership role in support of the W. P. Carey School of Business or ASU community: (WPC 101 Facilitator, WPC Peer Advisor, Camp Carey Director, Leadership Through Action (Tillman Program), USG Position, Community Assistant, Residential Engagement Leader, A.P.P.L.E., other petition-approved activity).		
4. ASU-affiliated study abroad program OR 75 hours of service learning or community service.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open only to undergraduate students in the W. P. Carey School of Business.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in leadership in business with their major program of study may become more marketable to employers. Many decide to pursue employment in management, sales and marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of Management and Entrepreneurship | BA 170
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Leadership, Ethics and Service Certificate (PPLETSCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should consider the Leadership and Ethics certificate.

Description: The leadership, ethics and service certificate program includes coursework with an emphasis on values, ethics, leadership and public service. In addition to in-class instruction, the program includes a service-learning component during the summer, as well as out-of-classroom activities.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Articulate the importance of public service to communities and individuals.
Develop basic leadership skills.
Articulate their own personal values and the role of ethics in the professional workplace.

Career opportunities

Certificate programs allow students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Contact information

School of Public Affairs and School of Community Resources and Development | UCENT 780
https://publicservice.asu.edu/
copp@asu.edu
602-496-0600

Legal Issues in Criminal Justice Certificate (PPLCRJCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, West Valley, Online

Description: The legal issues in criminal justice certificate program focuses on the intersection of policy and its effects on the criminal justice system. Topics include a focus on law and theoretical perspectives regarding the ramifications of certain policies in the field of criminal justice.

Students seeking more specialized knowledge about legal consequences of policy on the criminal justice system or those interested in careers in the public sector, law or the criminal justice system should consider this certificate program.

Curriculum

Requirement	Minimum Grade	Credit Hours
At least 12 credit hours must be taken in residence at ASU.		
Required Courses		
CRJ 203 Courts and Sentencing	C	3
CRJ 260 Criminal Law I: Introduction to Substantive Criminal Law	C	3
CRJ 410 Criminal Procedure I: The Law of Investigations	C	3
CRJ 416 Criminal Procedure II: Adjudication	C	3
CRJ 460 Criminal Law II: Advanced Substantive Criminal Law	C	3
Elective Course		
Upper Division Electives		
CRJ 321 Evidence: Imperatives of Proof		
CRJ 350 Law and Social Control (CIVI)		
CRJ 394 Special Topics	C	3
CRJ 411 Legal Issues in Corrections		
CRJ 494 Special Topics		
Special Topics courses (CRJ 394 and CRJ 494) must be approved legal issues-related topics only.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Bachelor of Science in criminology and criminal justice majors who are also pursuing the Legal Issues in Criminal Justice certificate may not use CRJ 410, CRJ 416, CRJ 460, and their chosen elective (CRJ 321, CRJ 350, or CRJ 411) towards both their degree and certificate.

Enrollment requirements

Students must complete CRJ 100 Introduction to Criminal Justice with a grade of "C" or better (scale is 4.00 = "A") to be admitted to the certificate program. This course may be taken at ASU or transferred from another institution, including a community college.

Bachelor of Science in criminology and criminal justice majors who are also pursuing the legal issues in criminal justice

certificate may not use CRJ 410, CRJ 416, CRJ 460, or their chosen elective (CRJ 321, CRJ 350, or CRJ 411) toward both their degree and certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate competency in explaining the criminal process and Constitutional rights.
Demonstrate competency in the historical development of criminal law, and the public policy implications of it.
Demonstrate competency in explaining how the criminal court systems of the United States apply the law to pretrial, adjudication and sentencing processes.

Career opportunities

Graduates are prepared for employment opportunities in public policy, law enforcement and corrections, law firms and social service agencies. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu
SCCJadvising@asu.edu
602-496-1658

Lesbian, Gay, Bisexual and Transgender Studies Certificate (PPLGBTCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in lesbian, gay, bisexual and transgender studies offers students a multifaceted understanding of society.

Lesbians, gay men, bisexuals and transgender people play important roles as colleagues, clients, parents, children, siblings, neighbors, employees, employers, religious leaders and friends. Given the increasing visibility of and changing political climate for LGBTQ+ people in the United States, all students, not only those who identify themselves as gay, lesbian, bisexual or transgender, are served well by learning about contemporary social issues regarding people from LGBTQ+ backgrounds and about their histories and communities.

The educational experience is enhanced when students are introduced to complex intersections between and among sexual, racial, ethnic, religious, geographic and national identities. This program's philosophy is to promote intellectual and pedagogical diversity as one of the university's greatest assets, and this is done in part by instilling in students a sensitivity to cultures different from their own and through careful analysis of the self in historical, artistic and sociocultural contexts.

The goals of the program are to give students knowledge about the history of, evolution of and current issues facing the LGBTQ+ community; practical experience using coursework knowledge in the community through an internship or

community service project; and theoretical perspectives on heterosexuality as a presumptive sexual identity. Students gain an understanding of lesbian, gay, bisexual and transgender studies as an academic area of inquiry and an understanding of community politics, dynamics and conflicts, and they engage in a use-inspired education that culminates in a public presentation.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours, of which a minimum of 12 must be upper division. Each course must be completed with a minimum grade of "C" (2.00 on a 4.00 scale) or better.		
Required Core (choose one)		
Required Core Options		
SST 294 / WST 294 Topic: Introduction to LGBTQ History and Culture	C	3
SWU 180 Introduction to LGBTQ+ Studies (CIVI)		
WST 294 Topic: Sex, Gender, and Sexuality		
Electives (choose three)		
Upper Division Electives	C	9
AFR 351 Gender and Hip Hop		
AFR 375 Race, Gender and Sport (SOBE)		
APA 330 / WST 331 Asian Pacific American Genders and Sexualities (SOBE)		
APA 345 Asian Pacific Americans and Film		
ARS 485 Women in the Visual Arts		
ASB 346 Marriage and Family Diversity (SOBE)		
COM 316 Gender and Communication (SOBE)		
COM 421 Rhetoric of Social Issues		
COM 442 Identity, Performance, and Human Communication		
COM 494 Topic: Gender in the Media		
ENG 345 Topic: Transgender and Intersex Literature and Film		

Requirement	Minimum Grade	Credit Hours
ENG 440 Topic: Sexuality		
ENG 443 Gender, Culture and Literacy		
ENG 449 Masculinities, Femininities and Literacies		
ENG 454 Gender and Literature		
FAS 332 Human Sexuality (SOBE)		
FAS 498 Topic: Transgender Youth and Families		
HST 364 Sex and Society in Europe		
JUS 371 Sexuality and Social Justice		
JUS 427 Identity and Justice		
JUS 435 Cinema and Justice (HUAD)		
MIC 314 HIV/AIDS: Science, Behavior, and Society		
SST 494 Topic: Transformational Leadership and Embodied Activism		
SWU 374 Diversity and Oppression in a Social Work Context (CIVI)		
SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)		
THE 494 Topic: Queer Plays and Films		
WST 300 Women and Gender in Contemporary Society (SOBE)		
WST 313 Women and Sexuality (SOBE)		
WST 335 Lost in Space: Gender, Race, and Sexuality in Science Fiction		
WST 380 Race, Gender, and Class (SOBE)		
WST 413 Queer Studies		
WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
WST 460 Women and the Body (HUAD)		
WST 470 Gender and Popular Culture		

Requirement	Minimum Grade	Credit Hours
WST 477 Gender and Violence		
Certificate Capstone		
Upper Division Capstone: All students will complete a three credit hour capstone experience after completing a minimum of nine credit hours in the certificate program. The capstone experience will be supervised by any member of the faculty approved by the Lesbian, Gay, Bisexual and Transgender Studies Committee. To get started, visit https://sst.asu.edu/content/lgbt-studies-certificate-capstone-instructions	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the awarding of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate knowledge about lesbian, gay, bisexual and transgender communities.
Apply knowledge about LGBT communities through directed research, an internship or community-based project under the supervision of an ASU faculty member.

Career opportunities

Graduates who have combined the certificate in lesbian, gay, bisexual and transgender studies with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Maritime Logistics Certificate (BALGMACERT)

College/School: W. P. Carey School of Business

Campus: Online

Description: Designed through a partnership between ASU and the U.S. Naval Community College, the certificate program in maritime logistics allows enlisted personnel (Navy, Marines and Coast Guard) access to ASU's robust

learning technology, student support and quality curriculum, designed by ASU experts and military personnel.

Students examine the theories, concepts and components of logistics, with particular attention to serving and supporting maritime and military logistics operations. In addition, students gain an understanding of logistics and supply chain management, financial management and accounting. They also obtain the analytics skills necessary to be successful in maritime and military logistics, as well as supply chain management and logistics understanding required by private industry.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in maritime logistics requires 21 credit hours. Students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or higher.		
Required Courses		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3
SCM 200 Society, Supply Chains and You (SUST)	C	3
SCM 245 Logistics for the Maritime Environment	C	3
SCM 279 Maritime Logistics Application Capstone Completion of SCM 245 with a grade of C or better is required for SCM 279.	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Completion of MAT 117 (or equivalent) with a grade of C or better is required for ECN 211, ECN 212, ECN 221.

Enrollment requirements

Students must be accepted to the U.S. Naval Community College to be admitted to this program.

The certificate in maritime logistics requires 21 credit hours. A grade of "C" or higher is required in each course.

Career opportunities

Graduates of this program are prepared to further advance in careers in military service and to succeed in further undergraduate study. They are well-prepared for positions in the fields of transportation, distribution and warehousing, and purchasing across all sectors --- private, nonprofit, government and military.

Contact information

Dean, W.P. Carey School of Business | USE 138
https://usncc.asu.edu/
CISAmilitaryVet@asu.edu
480-965-4464

Mathematical Concepts of Engineering Certificate (LAMACECERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Description: The certificate program in mathematical concepts of engineering is designed for students who seek a strong foundation in mathematics to support their interests in engineering. Combining a core foundation in the quantitative and analytical skills found in mathematics with related skills in engineering, the program provides students with a solid mathematical background well-suited for multiple career paths.

Curriculum

Requirement	Minimum Grade	Credit Hours
The mathematical concepts of engineering certificate requires a minimum of 21 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.		
Required Courses		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3
MAT 266 Calculus for Engineers II (MATH) **or** MAT 271 Calculus with Analytic Geometry II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH) **or** MAT 272 Calculus with Analytic Geometry III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH) **or** MAT 274 Elementary Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra **or** MAT 342 Linear Algebra MAT 343 and STP 420 must be completed with courses offered by the School of Mathematical and Statistical Sciences.	C	3
STP 420 Introductory Applied Statistics (QTRS)	C	3
Elective (choose one)		
Upper Division Mathematical Concepts of Engineering Electives	C	3
DAT 301 Exploring Data in R and Python		

Requirement	Minimum Grade	Credit Hours
IEE 381 Lean Six Sigma Methodology		
IEE 385 Engineering Statistics: Probability		
IEE 470 Stochastic Operations Research		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

ASU degree-seeking students
Students must have completed MAT 265 or MAT 270 with a "C" or higher before enrolling in the certificate program. Students also must be in good academic standing, with a minimum cumulative grade point average of 2.00.

Nondegree-seeking students
Applicants with or without a bachelor's degree are eligible to apply for, and receive, this certificate through the Pathways for the Future program (https://pff.asu.edu/). Applicants must have completed MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I with a "C" grade or higher (scale is 4.00 = "A"). Applicants who have taken these courses at another institution should use the Transfer Guide course search (https://transferguide.apps.asu.edu/app/home) to determine whether a transfer course can be used as a prerequisite. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/mathematical-concepts-engineering-undergraduate-certificate/) for program descriptions and to request more information.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Implement simulation algorithms in differential equations and linear algebra with engineering and physics applications.
Develop teamwork and communication skills, which they will apply to real world problems involving concepts from probability and statistics.

Career opportunities

The certificate program in mathematical concepts of engineering complements many major programs of study. Graduates with this enhanced math background can become more marketable to employers.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu

math@asu.edu
480-965-7195

Media Arts and Sciences Certificate (HIDGCCERT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: In the media arts and sciences certificate program in the Herberger Institute for Design and the Arts, students focus on the creative exploration of how new media is influencing culture, or, rather, the way people live, learn, create and communicate.

Pursuing the media arts and sciences certificate enables students to enhance their program of study with integrated, transdisciplinary training in creative processes and technical skills in new media with cultural applications.

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. Students are prepared to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that is increasingly shaped by new technologies.

Curriculum

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 112 Computational Thinking for Media Arts **or** AME 230 Programming for the Media Arts (QTRS)	C	3
Upper Division **AME Elective** **or** Upper Division **MDC Elective**	C	12

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates with an undergraduate certificate can advance their career options. The certificate in media arts and sciences helps graduates become more marketable to employers through this specialization that complements their major program of study. Media arts and sciences graduates go on to work in a variety of fields, including mobile app design, audio production and autonomous systems.

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/

digitalculture@asu.edu
480-965-9432

Mild/Moderate Special Education Certificate (TEMSPECERT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, ASU Sync

Description: The certificate program in mild/moderate special education prepares students to make connections and provide equitable learning environments to meet the diverse learning needs of students in kindergarten through grade 12.

This certificate program can only be added to the following programs at Mary Lou Fulton Teachers College to allow students eligibility for dual-teaching certificates at the completion of their Bachelor of Arts in Education degree:

- BAE in early childhood education
- BAE in elementary education
- BAE in elementary multilingual education
- BAE in secondary education

Students learn how to work and partner with communities and schools to co-construct and negotiate roles and responsibilities in order to deliver effective special education programming. Coursework is grounded in data; theoretical foundations; federal, state and local policies; and a sense of responsibility to student and community needs.

When students add this certificate to a bachelor's degree program listed above, they are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Mild/Moderate Disabilities, K--12, from the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
EED 412 Mathematics in Elementary Schools	C	4
RDG 413 Elementary Methods for Literacy Instruction and Assessment	C	4

Requirement	Minimum Grade	Credit Hours
SPE 321 Classroom and SPE Assessment	C	3
SPE 323 Effective Practices and Behavior Interventions: Supports for Exceptional Students	C	3
SPE 411 Special Education History and Law	C	3
SPE 423 Evidence-Based Practices for Students with Exceptional Needs	C	3
TEL 331 Foundations of Literacy: The Science of Reading	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

This certificate is only open to students majoring in Early Childhood Education, Elementary Education, Elementary Education (Emerging Multilingual Education), Special Education-Visual Impairment, and Secondary Education undergraduate teacher preparation programs in the Mary Lou Fulton Teachers College. In addition to completing this certificate and a teacher certification program major, students will be required to earn a passing score on the professional knowledge portion of the AEPA/NES exam and a passing score on the subject knowledge portion of the AEPA/NES exam in each area an Arizona teaching credential is sought. Subject knowledge exam waivers may apply. Students should contact the Mary Lou Fulton Teachers College for more information.

Students should have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.25 is required for continued good standing. Students should contact the Mary Lou Fulton Teachers College for more information.

Enrollment requirements

This certificate program is only open to students majoring in early childhood education, elementary education, elementary multilingual education and secondary education undergraduate teacher preparation programs in MLFTC.

Students are required to have a valid Arizona DPS Identity Verified Prints fingerprint clearance card.

A GPA of 2.00 is required for continued good standing. Students should contact MLFTC for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student but may not be eligible for an institutional recommendation for Arizona teaching licensure without additional preparation beyond the certificate.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-out teachers in public, charter and private education institutions. Graduates with degrees in special education may also work in roles such as education resource specialist, interventionist or curriculum developer.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Military Studies Certificate (LSMILSCERT)

College/School: College of Integrative Sciences and Arts

Campus: Online

Description: The military studies certificate program is designed in partnership with the U.S. Naval Community College to provide enlisted personnel, veterans and nonmilitary students with an interdisciplinary focus on national security, history and political science. Coursework includes global perspectives on war and conflict; an understanding of contemporary U.S. foreign policy; and regional focus of the student's choice on history, religion and politics.

The program includes capstone research or an applied project in which students explore the role of the U.S. military in advancing the goals of the nation in the past, present or future.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
HST 101 Global History Since 1500 (HUAD)	C	3
IDS 150 Introduction to Military Studies OR MVS 100 Introduction to Military Studies	C	3
IDS 350 Military Studies Interdisciplinary Capstone	C	3
POS 361 American Foreign Policy (SOBE)	C	3
Military Studies Electives		
Upper Division Military Studies Electives	C	6
HST 303 Topic: China,Japan & East Asia in World History		

Requirement	Minimum Grade	Credit Hours
HST 304 Topic: Stalin to Putin		
HST 372 Modern Middle East (GCSI)		
MVS 300 Fighting for American Ideals		
MVS 301 Experience of America's Modern Wars		
POS 300 Contemporary Global Controversies (GCSI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 368 Ethics and Human Rights (GCSI)		
POS 465 International Organization and Law (GCSI)		
REL 366 Islam in the Modern World (GCSI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 370 Geopolitics (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

ENG 101, 105 or 107 is a prerequisite requirement to enroll in IDS 350, as well as some elective options.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates of this program are prepared to further advance in careers in military service or in undergraduate study.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
cisa@asu.edu
480-727-1526

Modern Hebrew Certificate (LAHEBCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in modern Hebrew provides students with a firm foundation in the modern Hebrew language and a broad knowledge of Israeli culture, leading to advanced skills in reading, writing and conversing in the language. The program includes the study of literature, politics and history, enriching students' knowledge of the Middle East and offering them deeper understanding of current affairs.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 20 credit hours. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. A minimum of 12 credit hours must be completed at the upper-division level and a minimum of 12 credit hours must be earned at ASU or in an ASU-approved study abroad program.		
Language Requirement		
HEB 201 Intermediate Modern Hebrew I	C	4
HEB 202 Intermediate Modern Hebrew II	C	4
HEB 313 Advanced Modern Hebrew I	C	3
HEB 314 Advanced Modern Hebrew II	C	3
Electives (choose two)		
Upper Division Electives		
HEB 333 Biblical Hebrew Literature I **or** HEB 334 Biblical Hebrew Literature II		
HEB 347 / JST 347 / SLC 347 / ENG 347 Modern Israeli Literature in Translation		
HEB 348 / JST 348 / SLC 348 Israeli Society and Culture (HUAD)	C	6
HEB 349 Israeli Wars in Israeli Movies		
HEB 375 Contemporary Culture of Israel		
HST 372 Modern Middle East (GCSI)		

Notes

Prerequisite courses may be needed in order to complete the requirements of this

certificate.

Enrollment requirements

ASU students admitted to a degree program in any field of study are eligible to enroll in the modern Hebrew certificate program. To be admitted to the program, students must complete HEB 101 and 102 Elementary Modern Hebrew, satisfying the requirements to enroll in HEB 201 Intermediate Modern Hebrew.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Examine the current political affairs of Israel through writing assignments.
Discuss Israeli culture and history through review of films.
Communicate orally and in writing in Modern Hebrew at the intermediate level.

Career opportunities

Graduates who have combined the certificate in modern Hebrew with their major program of study may become more marketable to employers, and they often decide to pursue employment in political analysis, tourism and hospitality, foreign policy, international business, media, translation, education or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/certificate/modern-hebrew-certificate
silcadvising@asu.edu
480-965-6281

Music Entrepreneurship Certificate (HIMERTCERT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: Music entrepreneurship is a discipline that intersects the traditional music disciplines. Music entrepreneurship harnesses the skills and mindset of the entrepreneur to empower musicians to create work that is meaningful, sustainable and oriented to community and market need.

Students in a music degree program and students with a background in music benefit from the business, marketing and organizational skills they develop through the certificate courses, as applied specifically to and within the arts.

Curriculum

Requirement	Minimum Grade	Credit Hours
MUP 438 The Enterprising Artist	C	3
MSC 484 Internship **or** MUP 484 Internship	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Electives		
FIN 380 Personal Financial Management		
HDA 494 Topic: City/Narrative Space: Placemaking/Public Media Art		
MCO 431 Media Entrepreneurship		
MHL 368 U.S. Popular Music: Industry, Technology and Culture (HUAD)		
MSC 451 Popular Music Industry Studies I		
MSC 474 Topic: Contracts and Negotiations	C	6
MSC 475 Topic: Album Release Strategies		
MSC 475 Topic: DIY Music Video Production		
MUP 319 Advanced Audio Engineering in the Arts		
MUP 439 Performing Arts Product Creation and Development		
PAF 410 Building Leadership Skills (SOBE)		
Electives	C	3
FIN 380 Personal Financial Management		
HDA 494 Topic: City/Narrative Space: Placemaking/Public Media Art		
MCO 431 Media Entrepreneurship		
MHL 368 U.S. Popular Music: Industry, Technology and Culture (HUAD)		
MSC 451 Popular Music Industry Studies I		
MSC 474 Topic: Contracts and Negotiations		
MSC 475 Topic: Album Release Strategies		
MSC 475 Topic: DIY Music Video Production		
MUP 319 Advanced Audio Engineering in the Arts		

Requirement	Minimum Grade	Credit Hours
MUP 439 Performing Arts Product Creation and Development		
PAF 410 Building Leadership Skills (SOBE)		
NLM 220 Introduction to Nonprofit Organizations		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The certificate in music entrepreneurship is meant to supplement study for music majors and nonmajors in any discipline with a music background. Students may be admitted to the certificate by submitting a statement of interest outlining their music background and personal goals through the School of Music, Dance and Theatre application. For further application details, students should visit the program website (https://musicdancetheatre.asu.edu/undergraduate-certificates/majorinfo/HIMERTCERT/undergrad/true/20).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply key concepts of entrepreneurship to critical evaluation of music career paths.
Synthesize knowledge of music entrepreneurship within the Phoenix area and surrounding communities through music entrepreneurship fieldwork.

Career opportunities

Graduates who have combined the certificate in music entrepreneurship with their major program of study may become more marketable to employers. They often decide to pursue employment in industries such as arts entertainment, music business, arts administration or performance. Career examples include arts administrator, business owner, community arts advocate, performing musician, and public or community school teacher.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/degree-programs/minors-certificates
mdtadmissions@asu.edu
480-965-5069

Nonprofit Professional Certificate (PPNPYCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: This nationally recognized certificate program awards qualified students from diverse academic fields with the national Certified Nonprofit Professional credential. The CNP credential is awarded through the Nonprofit Leadership Alliance (formerly American Humanics, Inc.), a consortium of universities, nonprofits and funders that are committed to preparing students for management careers in the nonprofit sector. More information is available on the NLA website. https://nla1.org/ (https://nla1.org/)

The NLA and ASU joint program provides curricular and cocurricular programs that prepare students through its competency-based, experiential educational framework, which includes curriculum instruction in management of nonprofit elements (fundraising, volunteers, organizational management) and field experience.

The program is ideal for students wishing to complement their majors with a strong core of nonprofit management knowledge and skills through professional affiliation with and certification by the Nonprofit Leadership Alliance, the nation's leader in education for nonprofit careers. NLA collaborates with a number of national nonprofit organizations as well as locally based grassroots organizations that actively seek NLA and ASU program interns and job candidates.

Curriculum

Requirement	Minimum Grade	Credit Hours
The program includes active participation by nonprofit professionals who offer workshops, seminars, mentoring and field trips. The certified nonprofit professional credential can be earned in conjunction with any bachelor's degree and requires successful participation in co-curricular, experiential activities in addition to required academic coursework. For more information on the credential, please visit https://nla1.org/cnp/.		
Required Courses		
NLM 220 Introduction to Nonprofit Organizations	C	3
NLM 320 Professional Development Seminar NLM 320 is taken twice, over two semesters, for a total of four credits.	C	4
NLM 420 Nonprofit Leadership Alliance Institute NLM 420 is offered fall semester only.	C	3
NLM 440 Nonprofit Professional Certification	C	1
Elective Courses		
Upper Division **NLM Elective**	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Standards

17 hours of graded coursework.

Minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the certificate.

Minimum GPA of 2.00 for those pursuing the certificate.

Students should be at least a junior to take 400-level courses.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Utilize self-evaluation and self-critique when proposing creative solutions to complex social issues.
> Prescribe their individual strengths and knowledge effectively within the social sector and related fields by creating well-structured career position plans.

Career opportunities

The nonprofit professional credential opens up career opportunities across a range of diverse nonprofit areas, such as arts and culture; environmental, health and human services; and youth development.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Nutrition Education and Counseling Certificate (ECNTRECERT)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The certificate program in nutrition education and counseling is designed for students pursuing health-related degrees outside of nutrition. Through core topics in human nutrition, therapeutic diets, public policy and community nutrition interventions, students are equipped with the essential knowledge and skills needed for roles in nutrition and public health settings. Students gain a solid foundation in understanding macronutrients and micronutrients, nutrition planning for conditions like diabetes and cardiovascular disease, and nutrition education for vulnerable populations. Additionally, students learn about nutritional needs throughout the life cycle and develop interpersonal and counseling skills to work with clinical and community populations.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires a total of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
NTR 100 Introduction to Nutrition Science **or** NTR 241 Human Nutrition	C	3
NTR 290 Introduction to Evidence-Based Research in Nutrition	C	3
NTR 341 Medical Nutrition Therapy I	C	3
NTR 350 Nutrition Counseling	C	3
NTR 448 Community Nutrition	C	3
NTR 450 Nutrition in the Life Cycle (SOBE)	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates become more marketable and advance their career options with an undergraduate certificate. The certificate in nutrition education and counseling can complement a variety of major programs within the health field to help students gain entry-level positions such as:

- classroom assistant
- community health worker
- nutrition associate
- nutrition specialist

Graduates may find work in programs such as the Special Supplemental Nutrition Program for Women, Infants, and Children, or within the Head Start division of the U.S. Department of Health and Human Services.

Contact information

College of Health Solutions | HLTHN 401
https://chs.asu.edu
CHS@asu.edu
602-496-3300

Oral History and Storytelling Certificate (ASOHCCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: Through the oral history and storytelling program, students gain an understanding of and appreciation for diverse cultures --- past and present --- and engage in oral history research and interviewing. Students may build on existing projects or develop new community relationships at local, national and international levels.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in oral history and storytelling consists of 15 upper-division credit hours. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3
HRC 480 Capstone: Practices and Approaches	C	3
Upper Division Oral History and Storytelling Electives	C	9
COM 335 / IAP 335 Acting for the Camera		
COM 339 / ENG 339 / IAP 339 Creating Dramatic Works: Page to Stage to Screen		
COM 342 Oral History and Storytelling (HUAD)		
COM 394 Topic: Storytelling in the Professions		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 361 Scriptwriting		
ENG 394 Topic: Cross-Cultural Narratives		
ENG 394 Topic: Oral History & Storytelling in Humanities & Arts		
ENG 476 Topic: Folklore & Oral Traditions		
ENG 476 Topic: Folklore in Everyday Life		
ENG 484 / ETH 484 Topic: Pen Project Prison Teaching		
ETH 473 / WST 473 Indigenous and Latina/Chicana Representation		
HST 419 / LAS 419 20th Century Chicano/a History		

Requirement	Minimum Grade	Credit Hours
IAP 364 Documentaries		
WST 370 Chronicling Women's Lives		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

With the knowledge and skills to abide by the professional standards involved in oral history documentation, research and presentation, students leave the program better prepared for graduate programs or careers that integrate oral history. The certificate program in oral history and storytelling prepares graduates for careers such as ethnographer, culture and history director, videographer, editor, copy writer or journalist.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASOHCCERT/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Organizational Leadership Certificate (LSORGLCERT)

College/School: College of Integrative Sciences and Arts

Campus: Online

Description: In the certificate program in organizational leadership, students develop the skills leaders need to solve problems, communicate effectively, assess programs, manage resources and evaluate emerging technologies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in organizational leadership requires 21 hours, of which 12 must be upper division. A minimum grade of "C" is required in each course.		
Required Courses		

Requirement	Minimum Grade	Credit Hours
OGL 200 Introduction to Organizational Leadership (CIVI)	C	3
OGL 220 Behavioral Dynamics in Organizations (SOBE)	C	3
OGL 260 Resource Allocation in Organizations (SUST)	C	3
OGL 300 Theory and Practice of Leadership	C	3
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 355 Leading Organizational Innovation and Change	C	3
OGL 381 Organizational Leadership Capstone	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

ENG 102, 105 or 108 is a prerequisite requirement to enroll in OGL 381.

Enrollment requirements

Students must be accepted to the U.S. Naval Community College to add this program.

Career opportunities

Graduates have the skills and knowledge needed for leadership positions in a wide variety of areas, such as business, government, the military, health care administration, nonprofit agencies and the service industry. This knowledge is applicable to any work environment, regardless of assigned role.

Contact information

School of Applied Professional Studies | USE 138
https://cisa.asu.edu/
CISA@asu.edu
480-965-4464

Peace Corps Prep Certificate (LSPCPRCERT)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley

Description: The Peace Corps prep certificate program fosters intellectual curiosity while building the competitiveness of Peace Corps applicants.

Six sectors --- education, youth development, health, environment, community and economic development, and agriculture --- comprise the program, unified by the mandatory course OGL 358 Peace Corps Seminar. To enhance the

three core competencies of sector-specific skills, intercultural competence and leadership, students are encouraged to participate in service learning, internship opportunities and study abroad experiences.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Peace Corps prep certificate requires a minimum of 21 credit hours as outlined. However, students are able to double count credits from their current major, minor, general studies requirements, or other certificates where applicable. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area.		
Required Courses		
OGL 358 Peace Corps Seminar (GCSI)	C	3
Upper Division any 484 Internship course **or** IDS 401 Integration: Experiential Learning **or** OGL 484 Internship Students will complete a three credit hour internship and can do so by taking any internship course so long as their internship relates to their chosen sector. Internship hours may be completed locally, out of state or through an international study abroad program. The internship must be completed in the same program sector as the affiliated program sector electives completed for a minimum of three credit hours. Students from any major have permission to register for OGL 484 in order to complete an internship related to their sector. Students may also meet the internship requirement by completing an internship experience through a study abroad program.	C	3
Global Communities, Societies and Individuals (GCSI) courses		
Global Communities, Societies, and Individuals (GCSI) Students complete two additional "GCSI" (Global Communities, Society and Individuals) courses, excluding OGL 358 and the nine credit hours of sector-related electives. Sector-related electives in excess of nine credit hours may count toward this GCSI requirement. Courses can be either lower or upper division.	C	6
Program Sector Electives		
Upper Division Agriculture Sector		9
AGB 302 International Management and Agribusiness (GCSI)		
AGB 425 Food Supply Networks		
AGB 452 Global Food and Agricultural Trade		
ASB 300 Food and Culture (SOBE)		
or **Upper Division Community and Economic Development Sector**		

Requirement	Minimum Grade	Credit Hours
ABS 364 Urban Forestry		
BIO 324 Environmental Ethics (SUST)		
BIO 434 People and Nature: Ecosystem Services		
ECN 360 Economic Development (GCSI)		
GCU 364 Energy in the Global Arena		
SOS 327 Sustainable Food and Farms		
or **Upper Division Education Sector**		
AFR 350 Inequality and Diversity in Education (CIVI)		
ECD 321 Foundations in Language, Literacy and Culture in Early Childhood (SOBE)		
ECS 315 Classroom Organization and Child Guidance		
HCR 402 Advocacy for Health and Health Education		
SOC 421 Education and Society (SOBE)		
SPF 301 Culture and Schooling		
or **Upper Division Environment Sector**		
ASB 375 Humans and the Environment: What's the Connection?		
BIO 320 Fundamentals of Ecology		
BIO 322 Conservation of Biodiversity (SUST)		
GPH 314 Global Change (SUST)		
SOS 326 Sustainable Ecosystems		
or **Upper Division Health Sector**		
ASB 301 Global History of Health (HUAD)		
ASB 305 Poverty and Global Health (CIVI)		

Requirement	Minimum Grade	Credit Hours
ASM 345 Disease and Human Evolution		
EXW 450 Social Drivers of Health (CIVI)		
HSC 310 Health Communication		
or **Upper Division Youth Development Sector**		
ASB 346 Marriage and Family Diversity (SOBE)		
NLM 300 Fund Raising and Resource Development		
NLM 310 Volunteer Management (CIVI)		
PRM 315 Creating Community Through Park and Recreation Systems		
SWU 456 Immigrants and Refugees (CIVI)		
Students will select nine upper-division credit hours from one of the six program sectors of agriculture, community and economic development, education, environment, health, or youth development. Students should see their academic advisor for a complete list of sector-specific courses		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Foreign language study to at least the 200-level is encouraged but not required. For Peace Corps placements in Spanish of French-speaking countries, foreign language proficiency at the 200-level is often required.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Applicants should contact an advisor in the College of Integrative Sciences and Arts for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate. Those who have complemented their major program of study with this specialization in Peace Corps prep may be more marketable to employers.

Graduates with this undergraduate certificate often pursue employment in the foreign service, nongovernmental agencies, relief organizations, community-based organizations and government positions. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Applied Professional Studies | USE 138
https://cisa.asu.edu
CISA@asu.edu
480-965-4464

Personal Fitness Training Certificate (NHPFITCERT)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The personal fitness training certificate program provides the foundational knowledge and basic competencies for developing evidence-driven physical activity programs for the general population to use in achieving positive health changes.

After completing the program, students have a deeper understanding of human physiology and exercise program development. Students obtain a well-rounded education on personal fitness through courses such as:

• cardiorespiratory and flexibility training
• exercise prescription for health and wellness
• resistance training and recovery techniques

This program does not prepare students to work with clients with special needs or existing health conditions.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in personal fitness training consists of 18 credit hours, of which at least 12 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		
EXW 215 Resistance Training and Recovery Techniques	C	3
EXW 217 Cardiorespiratory and Flexibility Training	C	3
EXW 335 Physical Activity and Physiological Concepts	C	3
EXW 425 Exercise Prescription for Health and Wellness	C	3
MED 450 Leadership and Professionalism **or** NTR 344 Nutrition Management and Leadership **or** NTR 360 Nutrition Entrepreneurship **or** SSP 320 Coaching Leadership, Performance Team and Facility Management	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Elective		
EXW 302 Fundamentals of Wellness EXW 400 Stress Management for Wellness HSC 355 Eating for Lifelong Health (SOBE) NTR 345 Development of Healthy Cuisines	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply concepts of muscular and cardio-vascular physiological systems to make appropriate choices of movements for their clients.
Teach exercises that promote better overall health for clients.
Apply exercise science concepts to create safe and effective exercise training programs.

Career opportunities

Students can improve their career options with an undergraduate certificate.

The certificate program in personal fitness training helps students prepare for personal trainer certification through most accredited associations. Students become more marketable in the general health and fitness industries by acquiring specific content knowledge about health appraisals, healthy lifestyles, behavior change, the benefits of exercise, exercise techniques and exercise program design.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/NHPFITCERT/undergrad/true/91465
chs@asu.edu
602-496-3300

Philosophy, Politics and Economics Certificate (LAPHPECERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The philosophy, politics and economics certificate program provides students with a foundation in each of these three fields, as well as the opportunity to consider how to integrate the three disciplinary perspectives through the introductory and capstone courses.

The program offers core concepts, tools and content in the fundamental disciplines of ethics, politics and economics, providing students the means to address social and political challenges.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in philosophy, politics and economics requires 15 credit hours, of which at least 12 must be upper division. All courses for the certificate must be completed with a minimum grade of "C" (2.00 on a 4.00 scale). Students should contact the School of Civic and Economic Thought and Leadership for more information.		
Required Courses		
CEL 350 Philosophy, Politics and Economics (SOBE) **or** PHI 350 Philosophy, Politics and Economics (SOBE)	C	3
CEL 485 Capstone Seminar in Civic and Economic Thought and Leadership	C	3
Economic Electives		
CEL 351 Classical to Modern Economic Thought **or** ECN 304 Classical to Modern Economic Thought	C	3
Philosophy Electives (choose one)		
Upper Division Philosophy Electives	C	3
PHI 306 Applied Ethics (CIVI)		
PHI 307 Philosophy of Law (AMIT)		

Requirement	Minimum Grade	Credit Hours
PHI 325 Philosophy of Social Science		
PHI 336 Social and Political Philosophy		
PHI 337 Ethical Theory		
PHI 360 Business and Professional Ethics (HUAD)		
Political Science Electives (choose one)		
Upper Division Political Science Electives		
POS 340 History of Political Philosophy I		
POS 341 History of Political Philosophy II		
POS 346 Problems of Democracy (HUAD)	C	3
POS 442 American Political Thought (HUAD)		
POS 443 Topics in Contemporary Political Theory		
POS 475 Morality and Politics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

The certificate emphasizes the transferability of the knowledge and skills gained in philosophy and economics to practical problems of political and societal governance.

The certificate prepares students for a variety of important career opportunities --- and, more generally, to be leading citizens and contributors across many sectors of life, public or private, political affairs or civil society. Graduates of similar programs in Europe, the U.S. and around the world have had successful careers in business administration, consulting, finance, government and political affairs, health care, industry, international affairs, international development, investment banking, journalism, law, management, marketing, public policy, the tech sector and various nonprofit organizations.

Contact information

School of Civic & Economic Thought and Leadership | COOR 6611
https://scetl.asu.edu/
scetl@asu.edu
480-965-0155

Philosophy, Rhetoric and Literature Certificate (ASPRLCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description: The certificate program in philosophy, rhetoric and literature is an interdisciplinary humanities program that integrates continental philosophy, literature, art, communication and social critique.

Students explore existential crises and the production of cultural values. They examine the anxieties and expectations surrounding cultural identity, including the expectation to adhere to gendered, racial, ethnic, social and religious norms. Special attention is given to the roles that art, literature, thought, intercultural interaction and communication play in repairing fractured histories and in the creation of better social worlds.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

This program prepares students for advanced study in the humanities, social and behavioral sciences, and the arts, as well as lifelong learning in a variety of fields.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASPRLCERT/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Planetary Science Certificate (LAPLSCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in planetary science prepares undergraduate students in topics related to the formation and evolution of planetary bodies and associated remote sensing technologies employed in these studies. The program includes specific training in the origins of planetary systems, tectonics, volcanism, geomorphology and remote mapping of surficial geology using spacecraft and land-based observational data. Additional skills may include understanding of planetary atmospheres, astrobiology, geodynamics and cosmochemistry.

This interdisciplinary program prepares students for technical career paths and helps prepare them to best engage with exciting opportunities at the frontier of planetary exploration.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires a minimum of 18 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.		
AST 111 Introduction to Solar Systems Astronomy (SCIT) **or** GLG 101 Introduction to Geology I (Physical) (SCIT) **or** SES 100 Introduction to Exploration (QTRS) **or** SES 106 Habitable Worlds (SCIT) **or** SES 107 A Solar System Journey (SCIT) **or** SES 121 Earth, Solar System and Universe (SCIT)	C	3 - 4
GLG 404 Fundamentals of Planetary Geology	C	3
SES 421 Foundations of Planetary Science	C	3
Upper Division Planetary Science Electives		
AST 494 Topic: Exoplanets		
GLG 321 Mineralogy **or** GLG 424 Petrology		
GLG 362 Geomorphology		
GLG 406 Geology of Mars		
GLG 418 Geophysics **or** GLG 419 Geodynamics		
GLG 420 Volcanology **or** GLG 422 Planetary Volcanology	C	6
GLG 485 Meteorites and Cosmochemistry		
GLG 490 Topic: Remote Sensing		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe **or** GLG 460 Astrobiology		
SES 494 Topic: Geology of Venus		
SES 494 Topic: Planetary Interiors		

Requirement	Minimum Grade	Credit Hours
Planetary Science Electives		
AST 494 Topic: Exoplanets		
GLG 321 Mineralogy **or** GLG 424 Petrology		
GLG 362 Geomorphology		
GLG 406 Geology of Mars		
GLG 418 Geophysics **or** GLG 419 Geodynamics		
GLG 420 Volcanology **or** GLG 422 Planetary Volcanology	C	3
GLG 485 Meteorites and Cosmochemistry		
GLG 490 Topic: Remote Sensing		
SES 294 Topic: Introduction to Space Weather		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe **or** GLG 460 Astrobiology		
SES 494 Topic: Geology of Venus		
SES 494 Topic: Planetary Interiors		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Certificate courses may have prerequisites, and the most common are listed below. Additional enrollment requirements may include completion of these courses or their equivalents with a "C" or higher:

• GLG 101: Introduction to Geology I (Physical) and GLG 103: Laboratory; or SES 121: Earth, Solar System and Universe, and SES 123: Laboratory
• a math course at the level of MAT 266: Calculus for Engineers II or higher
• a chemistry course at the level of CHM 113: General Chemistry I or higher
• a physics course at the level of PHY 121: University Physics I: Mechanics and PHY 122: Laboratory or higher

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate

certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Synthesize core concepts of Earth and planetary sciences to analyze and communicate the formation and evolution of planetary bodies in our Solar System and beyond.
Design a research hypothesis by applying domain knowledge and prepare a report on their independent research testing their hypothesis.

Career opportunities

The employment prospects for graduates who complete the planetary science certificate are enhanced by the potential for opportunities at the intersection of these fields. Opportunities include these positions:

community college or university educator teaching earth science or astronomy classes
docent at a science museum or planetarium
faculty member or researcher at a university, working on federally funded planetary science research, instruments or missions
K--12 educator for a program with an earth science or astronomy curriculum
researcher at an aerospace company contracted to build subsystems, instruments or missions for federally funded planetary science research

In Arizona, such opportunities are offered at institutions that include the public universities, Mesa Community College, the United States Geological Survey, Lowell Observatory and the Planetary Science Institute. Arizona companies that employ people in these fields include World View, Paragon, FreeFall Aerospace, General Dynamics, Qwaltec and KinetX. National companies include Lockheed Martin, Honeywell, Ball, SpaceX, Blue Origin, Virgin Galactic, Intuitive Machines, Firefly Aerospace, Northrop Grumman, Axiom, Planet Labs, Blue Canyon Technologies, Astrobotic and ispace.

Graduates may also find employment in federal labs or as congressional staff.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu
sese-advising@asu.edu
480-965-5081

Political Economy Certificate (LAPLECERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The political economy certificate program equips students with the tools to analyze the complex relationship between politics and economics. This program emphasizes the mastery of quantitative methods and crisp and impactful writing. This distinct combination ensures that students develop skills to effectively interpret data and craft persuasive arguments for decision-makers. Through a multidisciplinary approach, students explore how governments, institutions and markets interact to shape policies. Analyzing fiscal policies, trade or global economic trends, students gain practical skills to influence actual decisions. Ideal for those looking to participate in policy debates, this certificate offers students the technical and communication skills necessary for success in the field.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate includes courses in political science, economics and other academic areas that relate to politics and the economy and requires a total of 15 credit hours, of which at least 12 credit hours must be upper division. Nine credit hours must be from The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Part One: Economics Foundation		
ECN 211 Macroeconomic Principles (SOBE) **or** ECN 212 Microeconomic Principles (SOBE)	C	3
Part Two: Politics Foundation		
Upper Division Part Two: Politics Foundation		
POS 300 Contemporary Global Controversies (GCSI) POS 310 American National Government (AMIT) POS 350 Comparative Politics (GCSI)	C	3
Part Three: Political Economics and the World		
Upper Division Part Three: Political Economics and the World		
ECN 306 Survey of International Economics (GCSI) ECN 360 Economic Development (GCSI) POS 379 The Resource Curse POS 465 International Organization and Law (GCSI) POS 485 Political Economy (SOBE) POS 486 International Political Economy (GCSI)	C	6
Part Four: Related Elective		
Upper Division Part Four: Related Elective	C	3
GCU 350 The Geography of World Crises (GCSI) PAF 340 Contemporary Policy Challenges PAF 351 Urban and Metropolitan Studies		

Requirement	Minimum Grade	Credit Hours
PAF 352 Urban Theory		
POS 325 Public Policy Development (CIVI)		
POS 356 European Union (GCSI)		
POS 367 World Politics and Global Inequalities (GCSI)		
SGS 350 Economic Development and Globalization		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

In a world of interconnected public and private institutions and global markets, graduates of the political economy certificate program are prepared for careers in a variety of global and domestic environments.

Graduates who have combined the certificate in political economy with their major program of study may become more marketable to employers. They often pursue employment in government, public policy, lobbying, nonprofit agencies or international business.

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

Political Entrepreneurship through Internships: Local to Global Certificate (LAPEICERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students pursuing this interdisciplinary certificate begin with foundational instruction on U.S. political institutions or global politics before taking advanced coursework that examines public policy, political leadership and political change. Through experiential learning, including internships, students apply these skills in practical settings, developing leadership and professional skills and gaining a deep understanding of related institutions. This program equips students to be active, informed participants in the policy process. Whether students are interested in global, national, state or local issues, a variety of internship opportunities help them engage civically and influence policies at multiple levels of governance.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires a total of 15 credit hours, of which at least 12 credit hours must be completed at the upper-division level. Nine credit hours must be from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Part One: Introductory Course (choose one)		
Part One: Introductory Course		
POS 110 American Government and Politics (AMIT)		
POS 150 Comparative Government (GCSI)		
POS 160 Global Politics (GCSI)		
POS 310 American National Government (AMIT)	C	3
POS 350 Comparative Politics (GCSI)		
POS 360 World Politics (GCSI)		
SGS 101 Thinking Globally (GCSI)		
SGS 301 Principles of Global Studies (GCSI)		
Part Two: Policy and Leadership (choose one course)		
Upper Division Part Two: Policy and Leadership	C	3
POS 325 Public Policy Development (CIVI)		
POS 351 Democratization (GCSI)		
POS 361 American Foreign Policy (SOBE)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 410 Governing American Cities		
POS 426 Elements of Public Policy		
POS 427 Social Welfare and Health Policy		
POS 468 Comparative Asian Foreign Policies		

Requirement	Minimum Grade	Credit Hours
POS 486 International Political Economy (GCSI)		
SGS 320 Mechanisms of Global Governance		
SGS 321 International Institutions and Global Governance		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 350 Economic Development and Globalization		
Part Three: Internship		
POS 484 Internship **or** SGS 484 Internship Students may elect to complete only 3 hours of internship to fulfill this requirement. Students selecting this option must complete six upper-division credits in Part Four.	C	6 - 3
Part Four: Related Electives (choose one to two courses)		
Upper Division Part Four: Related Electives	C	3 - 6
COM 312 Communication, Conflict, and Negotiation (CIVI)		
ENG 301 Writing for the Professions		
FIN 380 Personal Financial Management		
JUS 320 Community and Social Justice		
MGT 380 Management and Strategy		
NLM 410 Social Entrepreneurship		
PAF 300 Public Management and Administration		
PAF 305 Urban Governance		
PAF 311 Leadership and Change (SOBE)		
PAF 340 Contemporary Policy Challenges		
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
PAF 460 Public Service Ethics		

Requirement	Minimum Grade	Credit Hours
POS 494 / SGS 494 Topic: Diplomacy/PolicyDesignStudio I		
POS 494 / SGS 494 Topic: Diplomacy/PolicyDesignStudioII		
SOS 321 Policy and Governance in Sustainable Systems		
USL 410 Service Learning: Diverse Community Issues		
Choose one to two courses, depending on how many internship credit hours are earned in Part Three. Contact a School of Politics and Global Studies advisor for additional course options if you completed an upper division course for Part One.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their student record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates with this certificate are prepared for careers in public policy in a variety of organizational settings, domestic and global. Some graduates focus on developing or implementing policy; others engage in issue advocacy or critical assessment of policy.

Graduates who have combined this certificate with their major program of study may become more marketable to employers. They often decide to pursue employment in government, lobbying, public affairs consulting or nonprofit organizations.

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

Political History and Leadership Certificate (LAPTLCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in political history and leadership provides students with a strong foundation in the history of politics and political thought, with a special emphasis on the role of leadership and citizenship. Students come to understand the complexities of real decision-making beyond the abstractions. The program prepares students

for leadership in their careers.

Required courses combine academic study and mentoring contact with political, media and business leaders from the wider Phoenix area and Arizona communities, while electives drawn from a variety of disciplines are used to broaden the scope of emphasis.

The program offers scholarship and internship or job placement opportunities.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours, of which at least 12 must be upper division. At least six upper-division hours must be completed in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. All courses must be completed in residence at ASU and with a grade of "C" (2.00 on a 4.00 scale) or higher.		
HST 112 Foundations of Democracy (CIVI) **or** POS 112 Foundations of Democracy (CIVI)	C	3
HST 414 Political History and Leadership **or** POS 414 Political History and Leadership	C	3
Upper Division Elective Courses	C	9
AFR 330 / JUS 330 Survey of African American Politics		
CEL 307 Reason and Revelation: Medieval Political Thought		
CEL 308 Liberty and Equality: Early Modern Political Thought (CIVI)		
CEL 334 Tocqueville's Democracy in America		
CEL 335 Lincoln: Rhetoric, Thought, Statesmanship (HUAD)		
CEL 345 Modern Economic Classics		
CEL 350 / PHI 350 Philosophy, Politics and Economics (SOBE)		
CEL 351 / ECN 304 Classical to Modern Economic Thought		
CEL 352 Debating Capitalism (SOBE)		
CEL 371 Classical Political Statecraft		
CEL 375 Politics and Leadership in the Age of Revolutions, 1776-1826		
HST 302 Topic: History of Money		

Requirement	Minimum Grade	Credit Hours
HST 306 Topic: American Political Conspiracy		
HST 306 Topic: Civil Rights to Black Lives Matter		
HST 306 Topic: Debating American Liberty		
HST 306 Topic: Jacksonian America: Pwer & Politics in US 1828-61		
HST 306 Topic: Liberal Revolution		
HST 306 Topic: The Civil War in Global Perspective		
HST 306 Topic: The U.S. Presidency		
HST 315 Political History of the U. S.		
HST 317 / POS 317 History of Postwar U.S. Conservatism		
HST 321 Constitutional History/US to 1865		
HST 322 Constitutional History of the United States Since 1865		
HST 323 / AFR 335 / TCL 335 Historical Studies in Race, Crime, and the Law		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 334 / AFR 364 African American History Since 1865 (HUAD)		
HST 354 Revolutionary Europe (GCSI)		
HST 356 Europe since 1945		
HST 370 Eastern Europe in Transition		
HST 374 / LAT 374 / SLC 374 Roman History II: The Roman Empire (GCSI)		
HST 405 Colonial American History to 1763		
HST 406 American Revolution/1763-1789		
HST 407 Early U.S. Republic/1789-1850		
HST 408 Civil War and Reconstruction (HUAD)		

Requirement	Minimum Grade	Credit Hours
HST 412 Contemporary U.S., 1973- Present		
HST 415 Debating the Constitution		
HST 426 The British Empire		
HST 427 French Revolution/Napoleonic Era		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 439 Athenian Democracy (CIVI)		
PHI 307 Philosophy of Law (AMIT)		
PHI 328 History of Ancient Philosophy (GCSI)		
PHI 329 History of Modern Philosophy (GCSI)		
PHI 335 History of Ethics (GCSI)		
PHI 336 Social and Political Philosophy		
PHI 347 Philosophical Theories of Constitutional Law		
PHI 401 Rationalism		
PHI 402 Empiricism		
POS 310 American National Government (AMIT)		
POS 313 The Congress (AMIT)		
POS 314 The American Presidency (AMIT)		
POS 315 The Supreme Court		
POS 316 American Political Institutions (AMIT)		
POS 332 American Political Parties		
POS 340 History of Political Philosophy I		
POS 341 History of Political Philosophy II		
POS 342 Political Theory		

Requirement	Minimum Grade	Credit Hours
POS 346 Problems of Democracy (HUAD)		
POS 352 European Democracies		
POS 356 European Union (GCSI)		
POS 417 Arizona Politics		
POS 435 Women and Politics (SOBE)		
POS 442 American Political Thought (HUAD)		
POS 470 Law and the Political Order		
POS 471 Constitutional Law I (AMIT)		
POS 472 Constitutional Law II		
POS 475 Morality and Politics		
POS 485 Political Economy (SOBE)		
REL 388 / POS 388 Religion, Ethics, and International Politics (CIVI)		
WST 440 Politics of Women's Health (CIVI)		
Additional upper-division courses with relevant content may be used with the approval of the certificate co-directors.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Not all courses for this program are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will analyze ideas and questions raised by major political thinkers writing about democracy.
Students will analyze major themes and ideas found in an array of primary sources on a topic related to political leadership in history.
Students will demonstrate the practical skills necessary in policy-making, administration and organization, informed all the while by fundamental principles of democracy and republicanism.

Career opportunities

Graduates become more marketable to employers and advance their career options when they have complemented their major program of study with this specialization in political history and leadership.

Graduates with this certificate often pursue employment as military officers, governor's office staff, members of congress, city council officials, county prosecutors, financial advisors and campaign strategists. Advanced degrees or certifications may be required for academic, clinical or other positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Power and Society Certificate (ASPWSOCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The certificate program in power and society prepares students to think critically and practically about the relationship between power and society.

Courses in the program use multiple perspectives to explore the sources, exercise and consequences of power across a variety of social and historical settings. A special focus on gender is available across the spectrum of courses listed.

Curriculum

Requirement			Minimum Grade	Credit Hours
The certificate in power and society consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.				
POS 437 Women, Power, and Politics	**or**	SOC 437 Women, Power, and Politics	C	3
Power and Society Electives			C	3
ASB 211 Women in Other Cultures				
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements				
ASB 394 Special Topics				

Requirement	Minimum Grade	Credit Hours
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ASB 484 Internship		
ASB 494 Special Topics		
ASB 499 Individualized Instruction		
JHR 100 Introduction to Social Justice and Human Rights (CIVI)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JHR 394 Special Topics		
JHR 484 Internship		
JHR 494 Special Topics		
JHR 499 Individualized Instruction		
POS 150 Comparative Government (GCSI) **or** POS 350 Comparative Politics (GCSI)		
POS 160 Global Politics (GCSI) **or** POS 360 World Politics (GCSI)		
POS 357 South Asia Politics		
POS 361 American Foreign Policy (SOBE)		
POS 394 Special Topics		
POS 470 Law and the Political Order		
POS 480 / SBS 480 Global Justice (GCSI)		
POS 484 Internship		
POS 486 International Political Economy (GCSI)		
POS 494 Special Topics		
POS 499 Individualized Instruction		
SBS 394 Special Topics		

Requirement	Minimum Grade	Credit Hours
SBS 484 Internship		
SBS 494 Special Topics		
SBS 499 Individualized Instruction		
SOC 264 Sociology of Gender (CIVI)		
SOC 371 Inequality and Sustainability		
SOC 394 Special Topics		
SOC 426 Social Inequalities (CIVI)		
SOC 484 Internship		
SOC 494 Special Topics		
SOC 499 Individualized Instruction		
SOS 111 Sustainable Cities (SUST)		
Upper Division Power and Society Electives	C	9
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 394 Special Topics		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ASB 484 Internship		
ASB 494 Special Topics		
ASB 499 Individualized Instruction		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JHR 394 Special Topics		
JHR 484 Internship		
JHR 494 Special Topics		
JHR 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
POS 357 South Asia Politics		
POS 361 American Foreign Policy (SOBE)		
POS 394 Special Topics		
POS 470 Law and the Political Order		
POS 480 / SBS 480 Global Justice (GCSI)		
POS 484 Internship		
POS 486 International Political Economy (GCSI)		
POS 494 Special Topics		
POS 499 Individualized Instruction		
SBS 394 Special Topics		
SBS 484 Internship		
SBS 494 Special Topics		
SBS 499 Individualized Instruction		
SOC 371 Inequality and Sustainability		
SOC 394 Special Topics		
SOC 426 Social Inequalities (CIVI)		
SOC 484 Internship		
SOC 494 Special Topics		
SOC 499 Individualized Instruction		

Up to three credit hours of experiential learning (484/499) may apply toward the electives requirement.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Social and Behavioral Sciences to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

The certificate program is recommended for students with academic or career interests in politics, government, economics, organizing and advocacy, public affairs, journalism, human rights, social justice, education and sustainability. Career paths include social work, public administration, public policy and criminal justice.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASPWSOCERT/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Professional Sales Certificate (BAPRSCERT)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: Designed for the nonmarketing business major, the certificate program in professional sales was created for business students who are interested in pursuing the many opportunities in professional sales.

With the inclusion of courses in professional sales as well as sales management, this program prepares students to be successful account managers or sales team leaders in business-to-business and business-to-consumer settings.

An optional internship in sales is strongly encouraged as part of the program.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in professional sales requires 15 credit hours with at least 12 upper division credits. To receive the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.		
Required Courses		
MKT 300 Marketing and Business Performance **or** MKT 303 Honors Marketing Theory and Practice	C	3
MKT 370 Professional Sales and Relationship Management	C	3
MKT 410 Sales Management	C	3
Certificate Electives		
Upper Division Professional Sales Certificate Electives	C	6

Requirement	Minimum Grade	Credit Hours
Select two courses		
MGT 430 Negotiations		
MKT 435 Entrepreneurial Marketing		
MKT 438 Advanced Selling Using Data and Technology		
MKT 441 Sports Revenue Generation		
MGT 484 Internship		
MKT 493 Honors Thesis		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate program is open to current students in the W. P. Carey School of Business who are not in the marketing major.

A student who is pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in professional sales with their major program of study may become more marketable to employers. They often decide to pursue employment in sales, marketing or procurement.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of Marketing | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Project Management Essentials Certificate (LSPMGECERT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Students currently pursuing an ASU degree can use federal financial aid to fund the program. This program is not currently approved for use with federal financial aid for students not currently pursuing an ASU degree.

Description: In the stackable undergraduate certificate program in project management essentials, students gain the skills to lead successful projects. This program covers key areas of project management including: project leadership, strategy, sustainability and organizational behavior. The program is ideal for those looking to enhance their project management expertise and drive positive change in any industry.

This certificate program can be completed as a standalone certificate, completed alongside a degree program, or it can stack into a future bachelor's degree.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Curriculum

Requirement	Minimum Grade	Credit Hours
OGL 220 Behavioral Dynamics in Organizations (SOBE)	C	3
PMG 101 Navigating Project Management: Successes, Failures, and Leadership Dynamics	C	3
PMG 203 Project Management for People, Planet and Prosperity	C	3
PMG 240 Introduction to Project Management	C	3
PMG 321 Project Leadership, Strategy and Scope	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is available to current ASU students, as well as to students not currently enrolled at ASU in a degree program.

For admission to the university to pursue this certificate, students must apply to the university and meet university admission requirements (https://admission.asu.edu/apply/student-type). Students not currently attending ASU who wish to pursue the certificate should contact an academic advisor in the College of Integrative Sciences and Arts at CISAadvising@asu.edu (mailto:CISAadvising@asu.edu) for admission procedures.

Current degree-seeking students can request to add the certificate via the Add a Certificate button.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Global opportunities

Global experience: Studying and interning abroad can be one of the most valuable tools for project management students. Studying on one of over 300 available Global Education programs (https://goglobal.asu.edu/) provides students the opportunity to develop a valuable intercultural communication skill set that can give them an advantage in the modern workforce.

Career opportunities

This certificate in project management essentials opens doors to a wide variety of entry-level career opportunities. Graduates can pursue roles such as project coordinator, project assistant, junior project manager and project scheduler, among others. These positions offer the chance to support senior project managers, manage project schedules, assist with administrative tasks, and help ensure the smooth execution of projects.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/
cisa@asu.edu
480-965-4464

Public Administration and Public Management Certificate (PPPAFCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The certificate program in public administration and public management is designed for students interested in public service; for undergraduate students who are interested in developing leadership skills or who wish to enhance their degree in an existing major at ASU; for working adults who may wish to further their education yet may not be looking for a degree program; and for students of the Bachelor of Arts in interdisciplinary studies who seek to combine certificates with their degree.

Students learn skills that enable them to analyze critical issues, build and bridge communities, deliver and manage public programs, improve the quality of life, lead change in public policy, preserve natural resources, provide public safety, reform welfare and strengthen democratic governance.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in public administration and public management consists of 15 credit hours of coursework. Students complete nine credit hours of core classes and six credit hours of elective courses.		
PAF 300 Public Management and Administration	C	3
PAF 420 Managing Across Boundaries	C	3

Requirement	Minimum Grade	Credit Hours
PAF 460 Public Service Ethics	C	3
Upper Division **PAF Elective**	C	6

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply management principles within the context of public administration issues.
Apply ethical reasoning to the context of public administration and policy issues.

Career opportunities

Graduates are prepared to pursue a career in a field related to public administration or public policy, particularly in the areas of participatory governance and public engagement. This may include opportunities as either a manager or policy analyst in local, state or federal agencies; in nonprofit organizations; and in private organizations whose work interfaces with the public sector.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Recreational Therapy Certificate (PPRECTCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: Students enrolled in the recreational therapy certificate program gain knowledge and requisite competencies to lead recreation-based therapeutic programs as a strategy to improve individual and community health. Through curriculum foundational to the field, students learn the systematic process of conducting assessments, developing service plans, implementing therapeutic interventions, and evaluating and documenting outcomes of care. Students examine the holistic benefits of recreational therapy through exposure to creative and expressive arts, adapted exercise and sport, aquatic therapy, therapeutic riding, horticulture therapy, community integration, leisure education and structured play.

The certificate program is an ideal choice for individuals who value the importance of a healthy leisure lifestyle for all, want to advocate for accessible recreation opportunities, and are dedicated to the use of recreation-based

interventions to improve well-being.

The certificate is a valuable supplement to degrees in related fields. It helps students develop a unique set of competencies and also serves as a pathway to credentialing as a qualified provider of recreational therapy.

Students seeking professional certification in recreational therapy have the option to select specific recreational therapy content courses to contribute a portion of the requirements necessary for eligibility with the National Council for Therapeutic Recreation Certification. Further information is available on its website. https://www.nctrc.org/about-certification/ctrs-the-qualified-provider (https://www.nctrc.org/about-certification/ctrs-the-qualified-provider/)

Curriculum

Requirement	Minimum Grade	Credit Hours
The recreational therapy certificate requires completion of 18 credit hours: six credit hours of required courses and 12 credit hours of electives. Students seeking the national credential in therapeutic recreation should select electives from that list.		
Required Courses		
RTH 364 Foundations in Recreational Therapy (SOBE)	C	3
RTH 413 Leadership and Professional Development in Recreational Therapy	C	3
Elective Courses		
Choose four courses from Blocks A and B if interested in the ASU certificate, but not seeking the National Council for Therapeutic Recreation (NCTRC) credential. Choose four courses from only Block B if interested in taking support courses for NCTRC credential: https://www.nctrc.org/about-certification/ctrs-the-qualified-provider/		
Elective Courses	C	6
Upper Division Elective Courses	C	6

Block A

Choose 4 courses from Block A and B if interested in only ASU certificate.
Please note that Block A classes do not meet NCTRC credential requirements.

CDE 244 Children Facing Health Care Challenges

CDE 312 Adolescence (SOBE)

CDE 414 The School-Aged Child: Development in the Elementary Years

CDE 418 Aging and the Life Course (SOBE)

CDE 430 Infant and Toddler Development in the Family (SOBE)

Requirement	Minimum Grade	Credit Hours
CDE 450 Childhood Disorders and Family Functioning		
DST 101 Introduction to Disability Studies (CIVI)		
PRM 120 Leisure and the Quality of Life (SOBE)		
RTH 453 Inclusive Community Sport		

Block B

Students seeking the national credentialing through the National Council for Therapeutic Recreation (NCTRC) should select four courses from this list.

RTH 250 Therapeutic Recreation and Community Health (CIVI)

RTH 400 Intervention Techniques in Recreational Therapy

RTH 440 Advocacy in Therapeutic Recreation (GCSI)

RTH 455 Recreational Therapy and Play with Children, Youth and Families

RTH 460 Assessment and Documentation in Recreational Therapy

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Career opportunities

Recreational therapists practice in settings such as inpatient and outpatient physical rehabilitation, inpatient and outpatient mental health, and skilled nursing facilities, as well as in assisted living and adult day programs, parks and recreation and adapted sports programs, acute care hospitals, pediatric hospitals and programs, and school systems.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should review requirements for licensure on the National Council for Therapeutic Recreation Certification website: https://www.nctrc.org/ (https://www.nctrc.org/).

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/programs/undergraduate/minors-certs
scrdvising@asu.edu
602-496-1658

Religion, Conflict and Peace Certificate (LARELCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The religion, conflict and peace certificate program has three core components: regional, political and cultural.

The regional component provides students with specific regional knowledge of how religion has been implicated in human conflict. Required coursework in at least two different regions fosters a comparative understanding of the dynamics of religion and conflict in historical and global contexts.

The political component explores how religion influences or is influenced by matters of state, law, government or other dimensions of political life.

The cultural component provides students with an understanding of how religion operates as a powerful force that impacts and intersects with expressions of human identity, thought and culture.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires a minimum of 18 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least 12 credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.		
Humanities and Social Sciences Requirement Of the 18 credit hours for the certificate, at least six credit hours must be fulfilled with courses from the humanities and at least three credit hours from the social sciences. When choosing courses within the certificate, complete six credit hours from the following subject areas to fulfill the humanities requirement: ARB, CEL, CHI, FMS, GER, HEB, HST, IAS, JST, PAX, PHI, REL, or SLC.		

Requirement	Minimum Grade	Credit Hours
When choosing courses within the certificate, complete three credit hours from the following subject areas to fulfill the social sciences requirement: AFR, ASB, COM, GCU, JUS, NEW, POS, SGS, SOC, or WST.		
Component Requirements		
Cultural Component	C	3
ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)		
ARB 331 / SLC 331 Arabic/Islamic Culture and Literature (GCSI)		
ARB 335 / SLC 335 Arabic Culture and Islam (GCSI)		
ARB 341 Quran Text and Women (GCSI)		
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		
HEB 348 / JST 348 / REL 311 / SLC 348 Israeli Society and Culture (HUAD)		
HST 302 Topic: Envisioning Peace		
HST 302 / JST 302 Topic: Jews, Christians & Muslims in Early Modern World		
HST 302 / HST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 302 Topic: Media, Social Justice, and Peace		
HST 302 Topic: Women, War and Peace		
HST 304 Topic: History of Antisemitism		
HST 304 / JST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 352 Europe's Reformations		
HST 359 Jewish History from 1492 to 1948		
HST 361 / REL 374 Witchcraft and Heresy in Europe (HUAD)		
IAS 410 Evolution of Ideas		

Requirement	Minimum Grade	Credit Hours
IAS 430 Science and Religion (HUAD)		
NEW 100 Introduction to Conflict Resolution		
PAX 230 Introduction to Peace Studies (GCSI)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 406 / IAS 406 Moral Dilemmas		
POS 394 Topic: The Israel-Palestinian Conflict		
REL 201 Religion and the Modern World (HUAD)		
REL 202 Religion and Popular Culture (HUAD)		
REL 300 The Future of Religions (HUAD)		
REL 312 / HST 369 / JST 369 History and Memory of the Holocaust		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		
REL 345 Asian Religious Traditions		
REL 352 Modern Buddhism		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 363 / AFR 373 Islam and World Affairs		
REL 366 / HST 339 Islam in the Modern World (GCSI)		
REL 369 Women in Islam		
REL 377 Religion in Russia		
REL 381 Religion and Moral Issues (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 411 Judaism and the Beginnings of Christianity (HUAD)		
REL 413 Sacred Crimes: Religion and Violence (HUAD)		

Requirement	Minimum Grade	Credit Hours
REL 461 / AFR 480 / SGS 442 Different Voices Within Contemporary Islamic Discourse		
REL 471 Reformation and Modern Christianity		
REL 483 Religion and Science		
SOC 420 Sociology of Religion (SOBE)		
WST 345 Gender, Religion, and Global Violence		
WST 477 Gender and Violence		
Political Component	C	3
CEL 100 Great Ideas of Politics and Ethics (HUAD)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 377 Communication, Terrorism and National Security		
COM 432 Forgiveness and Reconciliation		
HST 294 / HEB 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: History of Zionism: Origin-Establishment of Israel		
HST 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: Israeli Politics		
HST 304 Topic: Topic: Totalitarianism: Hitler & Stalin.		
HST 315 Political History of the U. S.		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 360 Crusades and Holy Wars (HUAD)		
HST 372 Modern Middle East (GCSI)		
HST 391 / SGS 381 Modern Southeast Asia		
HST 454 History of Genocide (GCSI)		
JUS 374 The Holocaust, Genocide, and Human Rights		
JUS 467 Terrorism, War, and Justice (CIVI)		

Requirement	Minimum Grade	Credit Hours
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 359 African Politics and Society		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 368 Ethics and Human Rights (GCSI)		
POS 394 Topic: The Israel-Palestinian Conflict		
POS 447 Citizenship, Nationalism and Identity (CIVI)		
POS 475 Morality and Politics		
POS 480 Global Justice (GCSI)		
REL 107 / SGS 107 Religion and Globalization (GCSI)		
REL 349 / JST 349 / HPS 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
REL 362 / AFR 372 / SGS 366 Islam and Islamic Societies in Africa: Social and Political History		
REL 363 / AFR 373 Islam and World Affairs		
REL 364 Islam in Eurasia and Central Asia		
REL 378 / POS 378 Religion, War and Peace (CIVI)		
REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 387 Religion and Conflict: Theories and Cases		
REL 388 / POS 388 Religion, Ethics, and International Politics (CIVI)		
REL 396 Islam and Politics (CIVI)		
REL 480 / SGS 441 Religion and Global Politics		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 344 Facing the Past: Truth, Memory, Denial After Atrocities		
SGS 466 Migration, Environment and Global Security		

Requirement	Minimum Grade	Credit Hours
SOC 241 Modern Social Problems (SOBE)		
WST 345 Gender, Religion, and Global Violence		
Regional Component	C	6
Select two Regional Component Courses from two different geographic regions. Available regions are Africa, Asia, Europe, Middle East and United States.		
REGIONAL COMPONENT: AFRICA		
AFR 480 / REL 461 / SGS 442 Different Voices Within Contemporary Islamic Discourse		
GCU 328 Geography of Middle East and North Africa (GCSI)		
HST 302 Topic: AFRICA: Islam in African History		
HST 307 Studies in African History		
POS 359 African Politics and Society		
REL 362 / AFR 372 / SGS 366 Islam and Islamic Societies in Africa: Social and Political History		
REGIONAL COMPONENT: ASIA		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		
HST 302 Topic: Envisioning Peace		
HST 303 Topic: Modern China: Violence		
HST 384 / SLC 334 Modern China: 1700 to the Present		
HST 391 / SGS 381 Modern Southeast Asia		
HST 392 Modern India		
HST 394 Topic: Pakistan, India, and Afghanistan: Peace Challenges		
REL 345 Asian Religious Traditions		

Requirement	Minimum Grade	Credit Hours
REL 347 Religions of India		
REL 348 Religion and Culture in Southeast Asia		
REL 352 Modern Buddhism		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 364 Islam in Eurasia and Central Asia		
REL 377 Religion in Russia		
REL 394 / HST 394 Topic: Art & Religion in Jain Culture		
SLC 494 Topic: Religions and Conflicts in Southeast Asia		
REGIONAL COMPONENT: EUROPE		
FMS 445 / GER 445 / JST 445 / SLC 445 Holocaust, War and German Memory		
HST 304 / JST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 350 Later Middle Ages (GCSI)		
HST 352 Europe's Reformations		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 360 Crusades and Holy Wars (HUAD)		
HST 361 / REL 374 Witchcraft and Heresy in Europe (HUAD)		
HST 369 / JST 369 / REL 312 History and Memory of the Holocaust		
REL 364 Islam in Eurasia and Central Asia		
REL 377 Religion in Russia		
REL 471 Reformation and Modern Christianity		
REGIONAL COMPONENT: MIDDLE EAST		
ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)		
ARB 331 / SLC 331 Arabic/Islamic Culture and Literature (GCSI)		

Requirement	Minimum Grade	Credit Hours
ARB 335 / SLC 335 Arabic Culture and Islam (GCSI)		
ARB 341 Quran Text and Women (GCSI)		
GCU 328 Geography of Middle East and North Africa (GCSI)		
HEB 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: History of Zionism: Origin-Establishment of Israel		
HST 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: Israeli Politics		
HST 372 Modern Middle East (GCSI)		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 394 Topic: The Israel-Palestinian Conflict		
REL 364 Islam in Eurasia and Central Asia		
REL 366 / HST 339 Islam in the Modern World (GCSI)		
REGIONAL COMPONENT: UNITED STATES		
HST 211 / JST 211 / REL 211 Jews and Judaism in America		
HST 315 Political History of the U. S.		
REL 319 Religion, Violence and America		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		
REL 323 African American Religion		
REL 331 Indigenous American Religious History		

In some cases, the same course can be used to fulfill more than one Component requirement.

If a course is used to meet more than one Component requirement, additional electives may be required to meet the 18 credit hours required for the certificate.

Certificate Electives

Requirement	Minimum Grade	Credit Hours
Students select electives from any of the Component course lists, keeping in mind that at least 12 credit hours in the overall certificate must be upper division.		
Regional Component	C	6
Select two Regional Component Courses from two different geographic regions. Available regions are Africa, Asia, Europe, Middle East and United States.		
REGIONAL COMPONENT: AFRICA		
AFR 480 / REL 461 / SGS 442 Different Voices Within Contemporary Islamic Discourse		
GCU 328 Geography of Middle East and North Africa (GCSI)		
HST 302 Topic: AFRICA: Islam in African History		
HST 307 Studies in African History		
POS 359 African Politics and Society		
REL 362 / AFR 372 / SGS 366 Islam and Islamic Societies in Africa: Social and Political History		
REGIONAL COMPONENT: ASIA		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		
HST 302 Topic: Envisioning Peace		
HST 303 Topic: Modern China: Violence		
HST 384 / SLC 334 Modern China: 1700 to the Present		
HST 391 / SGS 381 Modern Southeast Asia		
HST 392 Modern India		
HST 394 Topic: Pakistan, India, and Afghanistan: Peace Challenges		
REL 345 Asian Religious Traditions		
REL 347 Religions of India		

Requirement	Minimum Grade	Credit Hours
REL 348 Religion and Culture in Southeast Asia		
REL 352 Modern Buddhism		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 364 Islam in Eurasia and Central Asia		
REL 377 Religion in Russia		
REL 394 / HST 394 Topic: Art & Religion in Jain Culture		
SLC 494 Topic: Religions and Conflicts in Southeast Asia		
REGIONAL COMPONENT: EUROPE		
FMS 445 / GER 445 / JST 445 / SLC 445 Holocaust, War and German Memory		
HST 304 / JST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 350 Later Middle Ages (GCSI)		
HST 352 Europe's Reformations		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 360 Crusades and Holy Wars (HUAD)		
HST 361 / REL 374 Witchcraft and Heresy in Europe (HUAD)		
HST 369 / JST 369 / REL 312 History and Memory of the Holocaust		
REL 364 Islam in Eurasia and Central Asia		
REL 377 Religion in Russia		
REL 471 Reformation and Modern Christianity		
REGIONAL COMPONENT: MIDDLE EAST		
ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)		
ARB 331 / SLC 331 Arabic/Islamic Culture and Literature (GCSI)		
ARB 335 / SLC 335 Arabic Culture and Islam (GCSI)		

Requirement	Minimum Grade	Credit Hours
ARB 341 Quran Text and Women (GCSI)		
GCU 328 Geography of Middle East and North Africa (GCSI)		
HEB 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: History of Zionism: Origin-Establishment of Israel		
HST 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: Israeli Politics		
HST 372 Modern Middle East (GCSI)		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 394 Topic: The Israel-Palestinian Conflict		
REL 364 Islam in Eurasia and Central Asia		
REL 366 / HST 339 Islam in the Modern World (GCSI)		
REGIONAL COMPONENT: UNITED STATES		
HST 211 / JST 211 / REL 211 Jews and Judaism in America		
HST 315 Political History of the U. S.		
REL 319 Religion, Violence and America		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		
REL 323 African American Religion		
REL 331 Indigenous American Religious History		
or **Cultural Component**		
ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)		
ARB 331 / SLC 331 Arabic/Islamic Culture and Literature (GCSI)		
ARB 335 / SLC 335 Arabic Culture and Islam (GCSI)		
ARB 341 Quran Text and Women (GCSI)		

Requirement	Minimum Grade	Credit Hours
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		
HEB 348 / JST 348 / REL 311 / SLC 348 Israeli Society and Culture (HUAD)		
HST 302 Topic: Envisioning Peace		
HST 302 / JST 302 Topic: Jews, Christians & Muslims in Early Modern World		
HST 302 / HST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 302 Topic: Media, Social Justice, and Peace		
HST 302 Topic: Women, War and Peace		
HST 304 Topic: History of Antisemitism		
HST 304 / JST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 352 Europe's Reformations		
HST 359 Jewish History from 1492 to 1948		
HST 361 / REL 374 Witchcraft and Heresy in Europe (HUAD)		
IAS 410 Evolution of Ideas		
IAS 430 Science and Religion (HUAD)		
NEW 100 Introduction to Conflict Resolution		
PAX 230 Introduction to Peace Studies (GCSI)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 406 / IAS 406 Moral Dilemmas		
POS 394 Topic: The Israel-Palestinian Conflict		
REL 201 Religion and the Modern World (HUAD)		
REL 202 Religion and Popular Culture (HUAD)		

Requirement	Minimum Grade	Credit Hours
REL 300 The Future of Religions (HUAD)		
REL 312 / HST 369 / JST 369 History and Memory of the Holocaust		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		
REL 345 Asian Religious Traditions		
REL 352 Modern Buddhism		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 363 / AFR 373 Islam and World Affairs		
REL 366 / HST 339 Islam in the Modern World (GCSI)		
REL 369 Women in Islam		
REL 377 Religion in Russia		
REL 381 Religion and Moral Issues (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 411 Judaism and the Beginnings of Christianity (HUAD)		
REL 413 Sacred Crimes: Religion and Violence (HUAD)		
REL 461 / AFR 480 / SGS 442 Different Voices Within Contemporary Islamic Discourse		
REL 471 Reformation and Modern Christianity		
REL 483 Religion and Science		
SOC 420 Sociology of Religion (SOBE)		
WST 345 Gender, Religion, and Global Violence		
WST 477 Gender and Violence		
or **Political Component**		

Requirement	Minimum Grade	Credit Hours
CEL 100 Great Ideas of Politics and Ethics (HUAD)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 377 Communication, Terrorism and National Security		
COM 432 Forgiveness and Reconciliation		
HST 294 / HEB 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: History of Zionism: Origin-Establishment of Israel		
HST 294 / JST 294 / POS 294 / REL 294 / SGS 294 Topic: Israeli Politics		
HST 304 Topic: Topic: Totalitarianism: Hitler & Stalin.		
HST 315 Political History of the U. S.		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 360 Crusades and Holy Wars (HUAD)		
HST 372 Modern Middle East (GCSI)		
HST 391 / SGS 381 Modern Southeast Asia		
HST 454 History of Genocide (GCSI)		
JUS 374 The Holocaust, Genocide, and Human Rights		
JUS 467 Terrorism, War, and Justice (CIVI)		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 359 African Politics and Society		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 368 Ethics and Human Rights (GCSI)		
POS 394 Topic: The Israel-Palestinian Conflict		
POS 447 Citizenship, Nationalism and Identity (CIVI)		
POS 475 Morality and Politics		
POS 480 Global Justice (GCSI)		

Requirement	Minimum Grade	Credit Hours
REL 107 / SGS 107 Religion and Globalization (GCSI)		
REL 349 / JST 349 / HPS 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
REL 362 / AFR 372 / SGS 366 Islam and Islamic Societies in Africa: Social and Political History		
REL 363 / AFR 373 Islam and World Affairs		
REL 364 Islam in Eurasia and Central Asia		
REL 378 / POS 378 Religion, War and Peace (CIVI)		
REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 387 Religion and Conflict: Theories and Cases		
REL 388 / POS 388 Religion, Ethics, and International Politics (CIVI)		
REL 396 Islam and Politics (CIVI)		
REL 480 / SGS 441 Religion and Global Politics		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 344 Facing the Past: Truth, Memory, Denial After Atrocities		
SGS 466 Migration, Environment and Global Security		
SOC 241 Modern Social Problems (SOBE)		
WST 345 Gender, Religion, and Global Violence		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Not all courses in the course lists are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates can become more marketable and advance their career options when they have an undergraduate certificate. The certificate in religion, conflict and peace complements their major program of study with specialized knowledge and enables them to demonstrate broad intellectual curiosity and skills.

Graduates who complete this certificate program often decide to pursue employment in journalism, law, policy work, diplomacy, the military, public advocacy, publishing, education, ministry and other fields in which an enhanced understanding of religion and conflict is increasingly vital. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | WHALL 130
https://csrc.asu.edu/students/certificate
csrc@asu.edu
480-727-6339

Risk Communication Certificate (ASRCMCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The rising importance of the field of risk communication stems from the need to name, understand and manage physical and social risks as society is faced with increasingly challenging decisions concerning stressed social and environmental infrastructures.

Proficiency in risk communication requires understanding the complex interfaces of physical, biological, psychological and social systems. In response, the certificate program in risk communication combines the strengths of three schools within the New College of Interdisciplinary Arts and Sciences: the School of Social and Behavioral Sciences; the School of Mathematical and Natural Sciences; and the School of Humanities, Arts and Cultural Studies.

Curriculum

Requirement			Minimum Grade	Credit Hours
The certificate in risk communication consists of 15 credit hours of coursework, of which a minimum of 12 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.				
COM 415 Risk Communication (SOBE)			C	3
ENV 201 Fundamentals of Environmental Science (SUST)	**or**	BIO 130 Introduction to Environmental Science (SCIT)	C	3 - 4
Upper Division Risk Communication Electives			C	9

Requirement	Minimum Grade	Credit Hours
CHM 302 Environmental Chemistry		
COM 319 Persuasion and Social Influence (CIVI)		
COM 414 Crisis Communication		
COM 450 Organizational Communication (SOBE)		
COM 454 Rhetorical and Critical Approaches to Public Relations		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
ENG 371 Rhetoric of the Environmental Movement		
ENV 485 Environmental Impact Assessment (CIVI)		
IAS 340 / PHI 320 Bioethics (HUAD)		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
LSC 362 The Human Environment		
PTX 301 Basics of Pharmacology and Toxicology		
PTX 430 Environmental and Human Toxicology		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Mathematical and Natural Sciences or the School of Social and Behavioral Sciences to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates of this program are prepared for a variety of careers in risk management, crisis communications and environmental public affairs. Specifically, graduates are suited to work as risk management specialists and environmental advocates, and they are prepared to translate complex scientific ideas and analyses into information that can be evaluated meaningfully by all members of society.

Graduates work in local government agencies and public relations organizations, and in law enforcement, advertising, marketing and insurance.

Contact information

School of Social and Behavioral Sciences and School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASRCMCERT/undergrad/true/177
sbsadvising@asu.edu
602-543-3000

Risk Management Certificate (BARMGTCERT)

College/School: W. P. Carey School of Business

Campus: Polytechnic

Description: In the certificate program in risk management, students acquire a solid foundation in the theory and practice of modern risk management.

The concept of enterprise risk management is highlighted at the onset of the curriculum, emphasizing that risks and risk management strategies must be considered holistically at the firm level, not in isolation. Emphasis is placed on identifying, measuring, communicating and managing a variety of risks.

Upon completion of the certificate, students are able to identify and measure a variety of business and financial risks, and design and articulate strategies for managing and communicating risks.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in risk management requires 18 credit hours with at least 12 upper division credits. To receive the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.		
Required Courses		
BUS 434 Business Risk Management	C	3
BUS 436 Frontiers in Risk Management	C	3
FIN 300 Fundamentals of Finance **or** FIN 302 Managerial Finance **or** FIN 303 Honors Finance	C	3
Certificate Electives		
Upper Division Risk Management Certificate Electives	C	9
Select three courses		

Requirement	Minimum Grade	Credit Hours
AGB 435 Commodity Futures and Options Markets		
BUS 384 Business Operations and Planning **or** SCM 432 Operations Management		
COM 414 Crisis Communication		
FIN 421 Security Analysis and Portfolio Management		
FIN 427 Derivative Financial Securities		
IEE 454 Risk Management		
PMG 421 Project Risk Management		
SCM 314 Analytics for Logistics **or** SCM 315 Supply Chain Analytics		
TGM 460 Global Risk Assessment and Management		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

The certificate program in risk management is open to all students.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate. The certificate in risk management enables students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students who complete this undergraduate certificate often decide to pursue employment in compliance and management. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Morrison School of Agribusiness | SANTN 230F
https://wpcarey.asu.edu/undergraduate/degree-programs
wpcarey.morrison@asu.edu
480-727-1586

Russian and East European Studies Certificate (LAREECERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in Russian and East European studies encourages students to develop competency in Russian or another East European or Eurasian language as well as the culture and politics of the region.

Coursework leading to the certificate is offered by outstanding faculty members in diverse fields of study including architecture, economics, film studies, geography, history, international business, literature, music, political science and religious studies.

A one-credit, student-led capstone course is completed in the student's junior or senior year; with the support of an advisor, students can write a research paper on the Russian and East European studies topic of their choice, prepare a writing sample or a graduate school application, or work on a creative project.

A student with a major in any school or department may pursue this certificate and develop a personalized plan of study in cooperation with an advisor at The Melikian Center: Russian, Eurasian and East European Studies.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in Russian and East European studies requires a minimum of 19 credit hours, of which at least three must be a language course and at least 12 must be upper division. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses used toward the certificate.		
Language Requirement Students may complete one language course from BCS, PLC, ROM, or RUS, or they may complete the Albanian, Armenian, BCS (Bosnian/Croatian/Serbian), Kazakh, Macedonian, Persian, Polish, Russian, Tatar, Turkish, Ukrainian, and Uzbek courses offered by the Critical Languages Institute to fulfill the language requirement. See https://melikian.asu.edu/cli		
Language Requirement	C	3 - 5
BCS 101 Elementary Serbo-Croatian		
BCS 102 Elementary Serbo-Croatian		
BCS 201 Intermediate Serbo-Croatian		
BCS 202 Intermediate Serbo-Croatian		
BCS 311 Bosnian/Croatian/Serbian Composition and Conversation I		
BCS 312 Bosnian/Croatian/Serbian Composition and Conversation II		
PLC 101 Elementary Polish		

Requirement	Minimum Grade	Credit Hours
PLC 102 Elementary Polish		
PLC 201 Intermediate Polish		
PLC 202 Intermediate Polish		
PLC 311 Advanced Polish I		
PLC 312 Advanced Polish II		
ROM 101 Elementary Romanian Language and Culture I		
ROM 102 Elementary Romanian Language and Culture II		
ROM 201 Intermediate Romanian Language and Culture I		
ROM 202 Intermediate Romanian Language and Culture II		
ROM 313 Romanian Composition and Conversation		
ROM 314 Romanian Composition and Conversation		
ROM 411 Advanced Spoken and Written Romanian I		
ROM 412 Advanced Spoken and Written Romanian II		
RUS 101 Elementary Russian I		
RUS 102 Elementary Russian II		
RUS 201 Intermediate Russian I		
RUS 202 Intermediate Russian II		
RUS 211 Conversational Russian I		
RUS 212 Conversational Russian II		
RUS 311 Russian Society I		
RUS 312 Russian Society II		
RUS 411 Russian Language, History and Culture I		
RUS 412 Russian Language, History and Culture II		

Requirement	Minimum Grade	Credit Hours
Native speakers of a language must complete four credit hours in a different language to fulfill this requirement.		

Required Electives

Upper Division Required Electives

CEL 394 Topic: Russian Political Thought from Peter I to Putin		
ENG 429 / SLC 429 / CEL 429 / SLC 598 Topic: What is Europe?		
GCU 426 Geography of Russia and Surroundings		
GSC 509 Emerging Technologies and Global Security		
HST 304 Topic: Revolutionary Russia: Communism, War and Dissent		
HST 304 Topic: Topic: Totalitarianism: Hitler & Stalin.		
HST 304 Topic: Russia & Ukraine: Understanding the Crisis		
HST 304 Topic: Russia: Empire of the Tsars, 1650-1917		
HST 304 Topic: Stalin to Putin		
HST 304 Topic: Stalinism: Society & Culture in Sov Un, 1924-1953	C	6
HST 370 Eastern Europe in Transition		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
POS 352 European Democracies		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
SGS 344 Facing the Past: Truth, Memory, Denial After Atrocities		

Other HST 304 topics appropriate to the certificate's regional focus may be used with the approval of the certificate advisor. Courses shown that are not used to satisfy a Required Certificate Elective may be used as an Area-Related Elective.

Requirement	Minimum Grade	Credit Hours
Area-Related Electives		
Area-Related Electives	C	3
ARC 330 World and Western Architecture for Nonmajors		
ARC 331 World and Western Architecture I		
ARC 332 World and Western Architecture II		
ASB 345 Culture and Society Transformation (GCSI)		
CEL 394 Topic: War&Culture Cntrl Europe: Empire or Lib Democracy		
CEL 394 Topic: Russian Political Thought from Peter I to Putin		
CEL 494 Topic: Putin and Russia's Dead Souls		
COM 691 Topic: Strategic Communication and Disinformation		
ENG 332 Topic: Jewish Writers & The Cold War		
ENG 333 Topic: American Jewish Literature during the Cold War		
ENG 429 / SLC 429 / CEL 429 / SLC 598 Topic: What is Europe?		
ENG 435 Literatures and Cultures of Immigration and Diaspora		
GCU 325 Geography of Europe (GCSI)		
GCU 426 Geography of Russia and Surroundings		
GSC 509 Emerging Technologies and Global Security		
GSC 598 Topic: Post-Soviet Geopolitics		
HON 394 Topic: Amazons to Fighter Pilots:HistoryofWarSex&Gender		
HON 394 Topic: Archaeology of the Silk Roads		
HON 394 Topic: Dictatorship & the Twentieth Century		
HON 394 Topic: Love,Hospitality,Belonging:LivesBetweenEurope&Asia		
HON 394 Topic: Mummies and Marauders, Merchants and Monks		

Requirement	Minimum Grade	Credit Hours
HON 394 Topic: Points of Entry:Space&Place in Eurasian Borderland		
HON 394 Topic: The Cold War World:Conflict,Vitriol,&Globalization		
HST 302 Topic: War and Political Thought		
HST 302 Topic: WWII in Comparative Perspective		
HST 304 Topic: A Survey of Soviet History		
HST 304 Topic: Black Death:Pandemic Disease in the Medieval World		
HST 304 Topic: Fascism: Italy, Germany, and Beyond		
HST 304 Topic: Nazi Germany		
HST 304 Topic: Revolutionary Russia: Communism, War and Dissent		
HST 304 Topic: Topic: Totalitarianism: Hitler & Stalin.		
HST 304 Topic: Russia & Ukraine: Understanding the Crisis		
HST 304 Topic: Russia: Empire of the Tsars, 1650-1917		
HST 304 Topic: Stalin to Putin		
HST 304 Topic: Stalinism: Society & Culture in Sov Un, 1924-1953		
HST 304 / JST 304 Topic: Exiles, Migrants, Refugees in Jewish History		
HST 350 Later Middle Ages (GCSI)		
HST 354 Revolutionary Europe (GCSI)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 356 Europe since 1945		
HST 359 Jewish History from 1492 to 1948		
HST 369 History and Memory of the Holocaust		
HST 370 Eastern Europe in Transition		
HST 429 Modern Germany		

Requirement	Minimum Grade	Credit Hours
HST 430 The Ottoman Empire in the Classical Period		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 454 / REL 454 / FOR 454 History of Genocide (GCSI)		
HST 460 World War II (HUAD)		
HST 598 / WWS 598 Topic: Eastern Front: War of Annihilation		
IDS 313 Topic: Identity and Conflict in Europe		
IGD 598 Topic: Global Capitalism and Inclusive Development		
JHR 501 Proseminar in Social Justice and Human Rights		
JHR 598 Topic: Social Inequality		
JUS 374 The Holocaust, Genocide, and Human Rights		
LIA 194 Topic: DiscSem: The Law of Armed Conflict & War Crimes		
MHL 445 Music of the Silk Road (HUAD)		
MHL 598 Topic: Shostakovich, his life and times		
POS 305 Topic: Conflict and Film (HUAD) **or** POS 305 Politics and Film (HUAD)		
POS 352 European Democracies		
POS 394 Topic: Gender and Armed Conflict		
POS 394 Topic: Model UN		
POS 394 Topic: Violence and Politics		
POS 485 Political Economy (SOBE)		
POS 486 International Political Economy (GCSI)		
POS 494 / SGS 494 Topic: Democratic Erosion		

Requirement	Minimum Grade	Credit Hours
POS 598 Topic: Politics of Authoritarian Rule		
REL 301 Comparative Mysticism (HUAD)		
REL 365 Islamic Civilization (HUAD)		
REL 366 Islam in the Modern World (GCSI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
ROM 343 Culture and Society Transformation (GCSI)		
RUS 141 / HST 141 / SLC 141 Russian Civilization: From Tsars to Putin (GCSI)		
RUS 241 / HST 241 / SLC 241 / HON 294 Topic: Russian Pop Culture: Protest and Propaganda		
RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
RUS 394 Topic: Russian Grammar and Lexicology		
RUS 421 Pushkin		
RUS 423 Dostoevsky and Tolstoy (HUAD)		
RUS 425 Chekhov and Russian Drama (HUAD)		
RUS 430 Russian Short Story (HUAD)		
RUS 439 / SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
RUS 440 Russian Mass Media		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 344 Facing the Past: Truth, Memory, Denial After Atrocities		
SGS 370 Geopolitics (GCSI)		
SGS 394 Topic: Greece and Macedonia		

Requirement	Minimum Grade	Credit Hours
SGS 394 Topic: Politics of Global Justice		
SGS 494 Topic: International Criminal Tribunals & Global Security		
SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)		
SLC 212 Language and Culture Clash (SOBE)		
SLC 294 / RUS 294 / SLV 294 Topic: Eastern European Science Fiction		
SLC 304 / SLV 304 Digital Humanities for Language Majors		
SLC 429 / CEL 429 Topic: Politics & Culture in European Short Fiction **or** SLC 598 Topic: Politics and Culture in European Short Fiction **or** ENG 429 Topic: Politics & Culture in European Short Fiction		
SLC 442 / ROM 442 Dracula and Vampire Lore (HUAD)		
SLC 494 Topic: Society and Culture in Modern Europe		
SLV 440 History of Slavic Languages (SOBE)		
Upper Division Area-Related Electives	C	6
ARC 330 World and Western Architecture for Nonmajors		
ARC 331 World and Western Architecture I		
ARC 332 World and Western Architecture II		
ASB 345 Culture and Society Transformation (GCSI)		
CEL 394 Topic: War&Culture Cntrl Europe: Empire or Lib Democracy		
CEL 394 Topic: Russian Political Thought from Peter I to Putin		
CEL 494 Topic: Putin and Russia's Dead Souls		
COM 691 Topic: Strategic Communication and Disinformation		
ENG 332 Topic: Jewish Writers & The Cold War		
ENG 333 Topic: American Jewish Literature during the Cold War		

Requirement	Minimum Grade	Credit Hours
ENG 429 / SLC 429 / CEL 429 / SLC 598 Topic: What is Europe?		
ENG 435 Literatures and Cultures of Immigration and Diaspora		
GCU 325 Geography of Europe (GCSI)		
GCU 426 Geography of Russia and Surroundings		
GSC 509 Emerging Technologies and Global Security		
GSC 598 Topic: Post-Soviet Geopolitics		
HON 394 Topic: Amazons to Fighter Pilots:HistoryofWarSex&Gender		
HON 394 Topic: Archaeology of the Silk Roads		
HON 394 Topic: Dictatorship & the Twentieth Century		
HON 394 Topic: Love,Hospitality,Belonging:LivesBetweenEurope&Asia		
HON 394 Topic: Mummies and Marauders, Merchants and Monks		
HON 394 Topic: Points of Entry:Space&Place in Eurasian Borderland		
HON 394 Topic: The Cold War World:Conflict,Vitriol,&Globalization		
HST 302 Topic: War and Political Thought		
HST 302 Topic: WWII in Comparative Perspective		
HST 304 Topic: A Survey of Soviet History		
HST 304 Topic: Black Death:Pandemic Disease in the Medieval World		
HST 304 Topic: Fascism: Italy, Germany, and Beyond		
HST 304 Topic: Nazi Germany		
HST 304 Topic: Revolutionary Russia: Communism, War and Dissent		
HST 304 Topic: Topic: Totalitarianism: Hitler & Stalin.		
HST 304 Topic: Russia & Ukraine: Understanding the Crisis		
HST 304 Topic: Russia: Empire of the Tsars, 1650-1917		

Requirement	Minimum Grade	Credit Hours
HST 304 Topic: Stalin to Putin		
HST 304 Topic: Stalinism: Society & Culture in Sov Un, 1924-1953		
HST 304 / JST 304 Topic: Exiles, Migrants, Refugees in Jewish History		
HST 350 Later Middle Ages (GCSI)		
HST 354 Revolutionary Europe (GCSI)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 356 Europe since 1945		
HST 359 Jewish History from 1492 to 1948		
HST 369 History and Memory of the Holocaust		
HST 370 Eastern Europe in Transition		
HST 429 Modern Germany		
HST 430 The Ottoman Empire in the Classical Period		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 454 / REL 454 / FOR 454 History of Genocide (GCSI)		
HST 460 World War II (HUAD)		
HST 598 / WWS 598 Topic: Eastern Front: War of Annihilation		
IDS 313 Topic: Identity and Conflict in Europe		
IGD 598 Topic: Global Capitalism and Inclusive Development		
JHR 501 Proseminar in Social Justice and Human Rights		
JHR 598 Topic: Social Inequality		
JUS 374 The Holocaust, Genocide, and Human Rights		
MHL 445 Music of the Silk Road (HUAD)		

Requirement	Minimum Grade	Credit Hours
MHL 598 Topic: Shostakovich, his life and times		
POS 305 Topic: Conflict and Film (HUAD) **or** POS 305 Politics and Film (HUAD)		
POS 352 European Democracies		
POS 394 Topic: Gender and Armed Conflict		
POS 394 Topic: Model UN		
POS 394 Topic: Violence and Politics		
POS 485 Political Economy (SOBE)		
POS 486 International Political Economy (GCSI)		
POS 494 / SGS 494 Topic: Democratic Erosion		
POS 598 Topic: Politics of Authoritarian Rule		
REL 301 Comparative Mysticism (HUAD)		
REL 365 Islamic Civilization (HUAD)		
REL 366 Islam in the Modern World (GCSI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)		
ROM 343 Culture and Society Transformation (GCSI)		
RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel		
RUS 323 Russian Literature and Revolution: The Twentieth Century		
RUS 394 Topic: Russian Grammar and Lexicology		
RUS 421 Pushkin		
RUS 423 Dostoevsky and Tolstoy (HUAD)		
RUS 425 Chekhov and Russian Drama (HUAD)		

Requirement	Minimum Grade	Credit Hours
RUS 430 Russian Short Story (HUAD)		
RUS 439 / SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
RUS 440 Russian Mass Media		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 344 Facing the Past: Truth, Memory, Denial After Atrocities		
SGS 370 Geopolitics (GCSI)		
SGS 394 Topic: Greece and Macedonia		
SGS 394 Topic: Politics of Global Justice		
SGS 494 Topic: International Criminal Tribunals & Global Security		
SLC 304 / SLV 304 Digital Humanities for Language Majors		
SLC 429 / CEL 429 Topic: Politics & Culture in European Short Fiction **or** SLC 598 Topic: Politics and Culture in European Short Fiction **or** ENG 429 Topic: Politics & Culture in European Short Fiction		
SLC 442 / ROM 442 Dracula and Vampire Lore (HUAD)		
SLC 494 Topic: Society and Culture in Modern Europe		
SLV 440 History of Slavic Languages (SOBE)		

Arranged honors theses and upper-division colloquia with Melikian Center faculty affiliates may also be used toward this requirement.

Capstone Project

LIA 485 REES Certificate Capstone In their junior or senior year, students will complete the 1-credit REES Certificate Capstone. This can be in the form of a reading course offered by the Melikian Center OR a project chosen in cooperation with a Melikian Center faculty affiliate. The project should represent an extended, research-based focus on some dimension of the region's languages, cultures, religions, histories, and/or politics. It may take the form of an extended research paper, honors thesis, translation project, research	C	1

Requirement	Minimum Grade	Credit Hours
assistantship, or internship. Other courses may be used with the approval of the certificate advisor.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze or examine a current or historical issue in Russia, Eastern Europe or Eurasia; utilize and evaluate sources of information on the issue; and construct an argument or produce a creative project about the issue. Demonstrate a high degree of competency, defined as the ability to use language in real world situations in a manner deemed appropriate by native speakers and instructors of the language, in a REES language.

Global opportunities

Global experience: The Critical Languages Institute (https://melikian.asu.edu/cli) at ASU's The Melikian Center is a national training institute for less commonly taught languages. It offers summer intensive courses and study abroad programs around the world. Languages taught include Albanian, Armenian, Bosnian/Serbian/Croatian, Kazakh, Macedonian, Persian/Farsi, Polish, Russian, Tatar, Turkish, Ukrainian and Uzbek.

Specially designed summer intensive programs on campus prepare students --- even beginners --- to function competently in the language they are learning when they go abroad. Once overseas, students live the language as they participate in family life, join sports and gaming clubs, sing in choirs, participate in neighborhood projects, and otherwise actively immerse themselves in the culture.

Career opportunities

Students who complete the Russian and East European studies certificate enhance their prospects for highly competitive study abroad scholarships, including Fulbright, Boren and Critical Language Scholarship Program, and for selective graduate programs. Certificate holders may also qualify for distinct internships and entry-level government employment opportunities at agencies such as the U.S. Department of State and the National Security Agency.

Contact information

Historical, Philosophical & Religious Studies, Sch | DH 247
https://melikian.asu.edu/
melikiancenter@asu.edu
480-965-4188

Sales and Marketing Essentials Certificate (BASMECERT)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: Designed for undergraduate nonbusiness majors, the certificate program in sales and marketing essentials offers a set of courses that cover indispensable marketing knowledge in a wide variety of marketing application domains.

Students are required to enroll in two fundamental courses in marketing and choose three additional courses from a larger set (services marketing, business marketing, global marketing, sports business and advertising) to tailor the certificate to their particular interests.

While some courses are offered in a face-to-face setting, the entire certificate is offered via iCourse for flexibility and convenience.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in sales and marketing essentials requires 15 credit hours with at least 12 upper division credits. To receive the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.		
Required Courses		
MKT 390 Essentials of Marketing	C	3
MKT 391 Essentials of Selling	C	3
Certificate Electives		
Upper Division Sales and Marketing Essentials Certificate Electives		
Select three courses		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication	C	9
MKT 396 Essentials of Services Marketing		
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

This certificate program is for nonbusiness majors only.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in sales and marketing essentials with their major program of study may become more marketable to employers, and they often decide to pursue employment in sales or marketing.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of Marketing | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

School Nutrition Certificate (ECNTRCERC)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Description: The certificate program in school nutrition provides students with a strong foundation in topics such as:

• development of healthy cuisines
• eating for lifelong health
• food service purchasing
• nutrition management and leadership

This certificate program is designed for individuals who are interested in qualifying to sit for the school nutrition specialist credential offered by the School Nutrition Association.

This certificate program provides detailed information on the requirements to run a school food service operation and offers students insight into the rules and regulations of the National School Lunch Program. More information can be found on the SNA website at https://schoolnutrition.org/careers-training/certificate-credentialing/certificate-program (https://schoolnutrition.org/careers-training/certificate-credentialing/certificate-program/).

Individuals must complete 900 working hours in a school nutrition or food service environment before they are eligible to sit for the national School Nutrition Specialist exam. More information on this credential can be found on the SNA website at https://schoolnutrition.org/careers-training/certificate-credentialing/credentialing/ (https://schoolnutrition.org/careers-training/certificate-credentialing/credentialing/).

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in school nutrition consists of 30 credit hours, of which at least 24 must be upper division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.		

Requirement	Minimum Grade	Credit Hours
ACC 382 Accounting and Financial Analysis	C	3
EXW 302 Fundamentals of Wellness **or** EXW 325 Fitness for Life **or** HEP 100 Introduction to Health and Wellness (SOBE)	C	3
HSC 355 Eating for Lifelong Health (SOBE) **or** NTR 450 Nutrition in the Life Cycle (SOBE)	C	3
NTR 142 Applied Food Principles	C	3
NTR 341 Medical Nutrition Therapy I **or** NTR 345 Development of Healthy Cuisines	C	3
NTR 343 Food Service Purchasing	C	3
NTR 344 Nutrition Management and Leadership	C	3
NTR 400 Preprofessional Preparation in Dietetics **or** NTR 402 Preprofessional Prep in Nutrition Careers	C	1
NTR 445 Management of Food Service Systems	C	4
NTR 448 Community Nutrition	C	3
NTR 498 Topic: Child Nutrition Seminar This course is only offered in spring terms.	C	1

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will utilize the knowledge of nutrition, food science and communication skills to convey food and nutrition information.
Students will apply food safety and sanitation protocols and practices to food service environments.

Students will demonstrate application of principles of food management and systems in the provision of food and nutrition services to individuals and organizations.

Career opportunities

Graduates with an undergraduate certificate can enhance their career options. The certificate in school nutrition helps graduates gain entry-level school food service positions such as:

child nutrition coordinator
child nutrition manager
food service manager
food service worker
school food menu planner

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/ECNTRCERC/undergrad/true/91465
chs@asu.edu
602-496-3300

Secondary Education Certificate (TESEDCERT)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, ASU Sync

Description: The secondary education certificate program prepares students who wish to teach students enrolled in grades 6--12. While students develop a strong content background, the secondary education certificate program focuses on developing the requisite teaching knowledge and abilities for successfully teaching middle or high school students. To integrate teacher preparation with the academic specialization, Mary Lou Fulton Teachers College collaborates and communicates with academic departments throughout the university. A series of internships, followed by a semester-long, full-time student teaching experience, are required components of this certificate program.

Students who complete this certificate program are issued an institutional recommendation for a secondary certification in Arizona. Students who desire to teach in a public school must also pass the Arizona Educator Professional Knowledge exam (either the National Evaluation Series or the Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

The secondary education undergraduate certificate is also available for students who have earned a bachelor's degree; this is considered a nondegree graduate pathway.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students need to reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 488 Student Teaching	C	12
Content Methods (select one)	C	3
BIO 480 Methods of Teaching Biology		
ENG 480 Methods of Teaching English: Composition		
ENG 482 Methods of Teaching English: Language		
HST 480 Methods of Teaching History: Classroom Resources		
HST 481 Methods of Teaching History: Community Resources		
MTE 485 Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics		
MTE 494 Topic: Advanced Methods of Tchng Mthmtics in Scndry Schls		
PPE 450 Physical Education for the Elementary School		
SED 480 Special Methods of Teaching Social Studies		
SED 481 English Teaching Methods for Secondary Schools		
SED 482 Science Teaching Methods for Secondary Schools I		

Requirement	Minimum Grade	Credit Hours
SED 485 Special Methods of Teaching Social Studies: Community Resources		
SED 494 Topic: Secondary English Language Art Method Comp & Ltrcy		
THE 480 Methods of Teaching Theatre		

Recommended Course

BLE 220 Foundations of Structured English Immersion (3 credit hours) is strongly encouraged for students seeking full certification from the Arizona Department of Education. This course meets the Structured English Immersion (SEI) requirement.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students interested in pursuing the secondary education certificate should be enrolled as a degree-seeking undergraduate student. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. This program is also available to students who have already completed a bachelor's degree and want to be certified to teach. Students interested in this option apply to ASU as a nondegree-seeking graduate student.

Students interested in this program should have content knowledge in one of the following areas, demonstrated by having a minimum of 24 credit hours in coursework for the major or a passing score on the appropriate teacher certification exam: biology, business, chemistry, Chinese (Mandarin), earth and space science, economics, English, French, general science, geography, German, history, mathematics, physics, political science or Spanish.

Students are required to have a valid Arizona DPS Identity Verified Print fingerprint clearance card.

A GPA of 2.00 is required for progression into the final semester of student teaching. Students should contact the Mary Lou Fulton Teachers College for more information.

Career opportunities

The secondary education certificate prepares students for the high-demand, secure field of education.

Graduates who have combined the certificate in secondary education with their major program of study may become more marketable to employers. They often decide to pursue employment as a middle school teacher, a high school teacher, or an educator at a community-serving organization.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu/
educationadvising@asu.edu
480-965-5555

Security Studies Certificate (PPSCSCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The security studies certificate program provides students with the skills and credentials necessary for expanding their employment opportunities in corporate and public security.

Students learn about transdisciplinary topics such as accounting, computer studies, information systems and crime analysis through the curriculum; part of this curriculum consists of advanced crime and law courses.

Upon completion of this certificate, students are well-equipped to have fluid conversations with professionals from different backgrounds about security, whether corporate or private.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Courses		
Upper Division Core Courses		
CRJ 412 International Terrorism		
CRJ 419 Domestic Terrorism		
CRJ 463 White Collar Crime	C	6
CRJ 464 Organized Crime		
JUS 467 Terrorism, War, and Justice (CIVI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
IT Elective Courses		
IT Electives	C	6
ACO 131 Global Cybersecurity		
CIS 105 Computer Applications and Information Technology (QTRS)		
CPI 101 Introduction to Informatics (QTRS)		
CSE 100 Principles of Programming with C++ (QTRS)		

Requirement	Minimum Grade	Credit Hours
CSE 110 Principles of Programming (QTRS)		
IFT 202 Foundations of Information and Computer System Security		
Other Elective Courses		
Upper Division Other Electives		
ACC 382 Accounting and Financial Analysis		
FIS 431 Technology, Security and Insecurity in Global Politics		
PAF 426 Intelligence Analysis and Homeland Security		
PAF 461 Homeland Security	C	6
POS 466 Migration, Environment and Global Security		
POS 467 International Security (GCSI)		
SGS 466 Migration, Environment and Global Security		
STS 364 Science, Technology, and National Security		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Bachelor of Science in criminology and criminal justice majors who are also pursuing the security studies certificate may not use CRJ 412, CRJ 419, CRJ 463, and CRJ 464 towards both their degree and certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply knowledge from computer information systems and accounting to private sector security concerns. Demonstrate competency in how the criminal justice system, including the police, courts, correctional agencies, and the private sector respond to crime and security issues, including domestic terrorist threats.

Career opportunities

Graduates of the security studies certificate program find a strong job market in the public and private sectors. Employment opportunities include supervisory and management positions in corporate and public security as well as in criminal justice agencies at federal, state and local levels.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu
SCCJAdvising@asu.edu
602-496-1658

Small Business and Entrepreneurship Certificate (BASMBCERT)

College/School: W. P. Carey School of Business

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description: In the certificate program for small business and entrepreneurship, students learn how to launch their own business or work with small or startup operations. Course topics include small business, entrepreneurship and business plan development. Classroom work is complemented by frequent interaction with successful founders and leaders of entrepreneurial ventures.

Enrollment requirements

The certificate in small business and entrepreneurship is available only to business majors at ASU. Students majoring in business entrepreneurship or management with an entrepreneurship focus are not eligible to pursue this certificate.

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate. The certificate in small business and entrepreneurship enables students to develop additional competencies that complement the marketable knowledge and skills they acquire in their majors.

Students who complete this undergraduate certificate often decide to pursue employment in management or sales. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Social Science Research Methods Certificate (LASSRMCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the certificate program in social science research methods, students are prepared to acquire, manage and analyze a wide variety of human thought and behavior data. Data can be qualitative (e.g., text, images, sound) or quantitative (e.g., direct observation, surveys, geographic information systems).

Data acquisition skills may include downloading and managing information from online sources, collecting data in surveys or making direct observations. A key feature of this program is a focus on data analysis, so students can analyze any data they collect.

All students in this program demonstrate skills in statistical analysis and selecting methods related to their interests.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours, 12 of which must be upper division. A minimum grade of "C" (2.00 on a scale of 4.00) is required for all coursework. At least six upper-division credit hours must be completed with courses offered by The College of Liberal Arts and Sciences.		
Core Course		
GIS 469 Multivariate Statistics for Social Sciences **or** SOC 469 Multivariate Statistics for Social Sciences **or** STP 452 Multivariate Statistics	C	3
Research Methods Courses		
Social Science Research Methods Core (choose two)	C	6
ACO 100 All About Data: Design, Query, and Visualization (QTRS)		
ACT 435 Statistics for Risk Modeling		
ACT 450 Actuarial Models		
ALA 235 Introduction to Computer Modeling		
AML 253 / CAS 253 Introduction to Mathematical Tools and Modeling for the Life and Social Sciences (MATH)		
AML 441 / SOS 441 Mathematical Concepts and Tools in Sustainability		
ASB 389 / SBS 389 / SOC 389 Ethnographic Field Lab		
ASM 494 Topic: Models in Social Evolution		
BME 301 Numerical Methods in Biomedical Engineering		

Requirement	Minimum Grade	Credit Hours
BMI 211 Clinical Decision Analysis		
BMI 311 Biomedical Artificial Intelligence		
BMI 312 Health Data Mining		
BMI 461 Advanced Topics in Biomedical Informatics I		
BMI 462 Advanced Topics In Biomedical Informatics II		
COM 308 Communication Research Strategies		
COM 407 Qualitative Data Analysis in Communication		
CRJ 303 Statistical Analysis (QTRS)		
ECN 310 Applied Regression and Data Analytics		
ECN 416 Game Theory and Economic Behavior		
EDP 454 Statistical Data Analysis in Education		
FAS 361 / SOC 391 Applied Research Methods (SOBE)		
FAS 498 / SOC 498 Topic: Advanced Statistics for Social Sciences		
GCU 351 Population Geography (GCSI)		
GCU 373 Introduction to Geographic Information Science		
GCU 442 Geographical Analysis of Transportation		
GCU 496 Geographic Research Methods		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
GIS 341 Cartography and Georepresentation (QTRS)		
GIS 431 Spatial Databases		
GIS 441 Geographics: Interactive and Animated Cartography and Geovisualization		
GIS 461 / PUP 481 Fundamentals of Spatial Optimization		

Requirement	Minimum Grade	Credit Hours
GIS 462 Location Analysis and Modeling		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GIS 471 Spatial Statistics for Geography and Planning		
GIS 472 Spatial Regression Analysis		
GPH 494 Topic: Advanced Digital Analysis		
HSE 290 Experimental Methods for Human Systems Research (QTRS)		
HSE 390 Qualitative Research Methods		
IFT 200 Information Modeling, Storage and Retrieval		
IFT 410 Big Data Tools and Practices		
MKT 352 Marketing Research		
POS 301 / SGS 305 Empirical Political Inquiry (SOBE)		
POS 401 / SGS 401 Political Statistics (QTRS)		
PSY 330 Statistical Methods (QTRS)		
PUP 424 Planning Methods		
SBS 302 Qualitative Methods (SOBE)		
SBS 404 Social Statistics II: Multivariate Analysis		
SOS 211 Calculus and Probability for the Life and Social Sciences (MATH)		
STP 280 Probability and Statistics for Researchers (QTRS)		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
STP 315 Statistical Computing		
STP 420 Introductory Applied Statistics (QTRS)		
STP 421 Probability		

Requirement	Minimum Grade	Credit Hours
STP 425 Stochastic Processes		
STP 429 Applied Regression (QTRS)		
STP 450 Nonparametric Statistics		
STP 460 Categorical Data Analysis		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 411 Principles of Visual Communication		
Upper Division Social Science Research Methods Electives (choose two)	C	6
ACT 435 Statistics for Risk Modeling		
ACT 450 Actuarial Models		
AML 441 / SOS 441 Mathematical Concepts and Tools in Sustainability		
ASB 389 / SBS 389 / SOC 389 Ethnographic Field Lab		
ASM 494 Topic: Models in Social Evolution		
BME 301 Numerical Methods in Biomedical Engineering		
BMI 311 Biomedical Artificial Intelligence		
BMI 312 Health Data Mining		
BMI 461 Advanced Topics in Biomedical Informatics I		
BMI 462 Advanced Topics In Biomedical Informatics II		
COM 308 Communication Research Strategies		
COM 407 Qualitative Data Analysis in Communication		
CRJ 303 Statistical Analysis (QTRS)		
ECN 310 Applied Regression and Data Analytics		
ECN 416 Game Theory and Economic Behavior		
EDP 454 Statistical Data Analysis in Education		

Requirement	Minimum Grade	Credit Hours
FAS 361 / SOC 391 Applied Research Methods (SOBE)		
FAS 498 / SOC 498 Topic: Advanced Statistics for Social Sciences		
GCU 351 Population Geography (GCSI)		
GCU 373 Introduction to Geographic Information Science		
GCU 442 Geographical Analysis of Transportation		
GCU 496 Geographic Research Methods		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
GIS 341 Cartography and Georepresentation (QTRS)		
GIS 431 Spatial Databases		
GIS 441 Geographics: Interactive and Animated Cartography and Geovisualization		
GIS 461 / PUP 481 Fundamentals of Spatial Optimization		
GIS 462 Location Analysis and Modeling		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GIS 471 Spatial Statistics for Geography and Planning		
GIS 472 Spatial Regression Analysis		
GPH 494 Topic: Advanced Digital Analysis		
HSE 390 Qualitative Research Methods		
IFT 410 Big Data Tools and Practices		
MKT 352 Marketing Research		
POS 301 / SGS 305 Empirical Political Inquiry (SOBE)		
POS 401 / SGS 401 Political Statistics (QTRS)		
PSY 330 Statistical Methods (QTRS)		

Requirement			Minimum Grade	Credit Hours
PUP 424 Planning Methods				
SBS 302 Qualitative Methods (SOBE)				
SBS 404 Social Statistics II: Multivariate Analysis				
STP 310 Design and Analysis of Experiments				
STP 311 Regression and Time Series Analyses				
STP 315 Statistical Computing				
STP 420 Introductory Applied Statistics (QTRS)				
STP 421 Probability				
STP 425 Stochastic Processes				
STP 429 Applied Regression (QTRS)				
STP 450 Nonparametric Statistics				
STP 460 Categorical Data Analysis				
TWC 301 Fundamentals of Writing for Digital Media				
TWC 411 Principles of Visual Communication				
Capstone				
ASB 484 Internship	**or**	ASB 499 Individualized Instruction	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

People with the skill set needed to solve complex problems are in demand in the job market. There is a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data to

address these challenges.

Some career opportunities include:

acting as legal advocates in international cases
analyzing and proposing policies
conducting postgraduate academic research
consulting for private and public organizations
directing nonprofit organizations
directing programs in the private or public sector

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/
shesc.undergrad@asu.edu
480-965-6215

Social Transformation Certificate (LASOTCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: In the certificate program in social transformation, students examine how varied communities have faced and addressed the needs of social change. They consider how to apply what they have learned in identifying just solutions to the social problems currently faced by society. The areas of focus include a variety of themes, such as:

• civil rights movements
• democracy movements
• gender equality
• gender justice
• immigration
• labor movements

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in social transformation requires a minimum of 15 credit hours, of which at least 12 credit hours must be completed at the upper-division level. A minimum of 12 credit hours must be completed at ASU. Courses for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Required Courses		
APA 220 Introduction to Social Transformation **or** JUS 220 Introduction to Social Transformation **or** SST 220 Introduction to Social Transformation	C	3
SST 484 Internship **or** SST 499 Individualized Instruction SST 484 or SST 499 requires departmental consent in order to enroll. Please contact School of Social Transformation Advising: sstadvising@asu.edu.	C	3

Requirement	Minimum Grade	Credit Hours
Elective Courses (choose three)		
Upper Division Electives	C	9
AFR 325 Music as Political Discourse: Reggae, Calypso, and Hip Hop		
AFR 365 / WST 364 Unruly Voices: Black Women and Cultural Narratives (HUAD)		
AFR 420 Race Ethnicity and Politics in the African Diaspora		
AFR 470 Women's International Human Rights		
APA 350 / JUS 365 Inequality and Diversity in Education (CIVI)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 341 Social Contexts for Performance		
ENG 333 American Ethnic Literature		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
HST 306 Studies in United States History		
HST 354 Revolutionary Europe (GCSI)		
JUS 320 Community and Social Justice		
JUS 321 Wealth Distribution and Poverty (SOBE)		
JUS 350 Immigration and Justice (SOBE)		
JUS 375 Justice and the Mass Media (SOBE)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 444 Environment and Justice		
JUS 460 Feminism and Justice		
JUS 497 Topic: Digital Activism		
NLM 410 Social Entrepreneurship		

Requirement	Minimum Grade	Credit Hours
PAF 305 Urban Governance		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
SOC 352 Social Change (CIVI)		
TCL 340 Chicana/o and Latina/o Politics and Policy		
TCL 341 Latinas/os and the City		
THP 482 Theatre for Social Change (CIVI)		
WST 375 Women and Social Change		
WST 377 History of American Feminist Thought (HUAD)		
WST 378 Global Feminist Theory (GCSI)		
WST 380 Race, Gender, and Class (SOBE)		

Additional courses or substitutions may be available for the electives. Please contact School of Social Transformation Advising: sstadvising@asu.edu.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Employ and critically assess core theory, concepts, and methods for the study of social change issues and examining solutions to social problems.
Apply the foundations and principles of social change to the specific domestic or international issues through community engagement and research.

Career opportunities

Graduates who have combined the certificate in social transformation with their major program of study may become more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Socio-Legal Studies Certificate (LASLSTCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The distinction between law on the books and law in action, which refers to how people experience law in their everyday lives, is a cornerstone of the undergraduate certificate program in socio-legal studies.

The program offers a model for educating and training students in the study of legal ideas, institutions and practices from the perspectives of the social sciences, law and the humanities.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in socio-legal studies requires 15 credit hours with at least 12 credit hours completed at the upper-division level. A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to count toward the certificate.		
Socio-Legal Studies Core (choose two)		
Upper Division Core Theory and Foundation Courses	C	6
JUS 303 Justice Theory (CIVI)		
JUS 308 Courts and Society (SOBE)		
JUS 360 / CRJ 350 Law and Social Control (CIVI)		
JUS 410 Punishment: Logic and Approach		
JUS 463 / CRJ 470 Discretionary Justice (SOBE)		
JUS 465 Death Penalty in the United States		
PHI 307 Philosophy of Law (AMIT)		
PHI 336 Social and Political Philosophy		
PHI 408 Feminist Ethics (HUAD)		
POS 315 The Supreme Court		

Requirement	Minimum Grade	Credit Hours
POS 465 International Organization and Law (GCSI)		
POS 471 Constitutional Law I (AMIT)		
POS 472 Constitutional Law II		

Interdisciplinary Electives

Interdisciplinary electives must be taken from at least two different academic disciplines. Any course listed below may count towards this requirement. Other courses can be approved by contacting the School of Social Transformation Advising.

Electives	C	3
AFR 215 / JUS 215 Bob Marley and Reggae: Lyrics of Resistance (GCSI)		
AFR 301 Race and Racism in Africa/African Diaspora (HUAD)		
AFR 304 / JUS 304 Islands of Globalization: Caribbean Politics and Political Economy		
AFR 420 / JUS 421 Race Ethnicity and Politics in the African Diaspora		
AFR 428 / JUS 428 Critical Race Theory		
CRJ 305 Gender, Crime, and Criminal Justice (SOBE)		
CRJ 306 Race, Ethnicity, Crime, and Criminal Justice (CIVI)		
JUS 329 Domestic Violence (SOBE)		
JUS 350 Immigration and Justice (SOBE)		
JUS 374 The Holocaust, Genocide, and Human Rights		
JUS 422 / WST 422 Women, Law, and Social Control		
JUS 425 Race, Gender, and Justice (CIVI)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 432 Racial Justice (CIVI)		
JUS 467 Terrorism, War, and Justice (CIVI)		

Requirement	Minimum Grade	Credit Hours
JUS 469 Political Deviance and the Law		
JUS 470 Alternative Dispute Resolution		
JUS 484 / SST 484 Internship		
JUS 498 / SST 498 Topic: Research Apprenticeship		
POS 370 Law and Society (CIVI)		
POS 470 Law and the Political Order		
PSY 468 Psychology and Law		
SOC 340 Social Deviance		
SOC 445 Globalization, Development, and Resistance		
TCL 335 / HST 323 / AFR 335 Historical Studies in Race, Crime, and the Law		
TCL 340 Chicana/o and Latina/o Politics and Policy		
Upper Division Electives	C	6
AFR 301 Race and Racism in Africa/African Diaspora (HUAD)		
AFR 304 / JUS 304 Islands of Globalization: Caribbean Politics and Political Economy		
AFR 420 / JUS 421 Race Ethnicity and Politics in the African Diaspora		
AFR 428 / JUS 428 Critical Race Theory		
CRJ 305 Gender, Crime, and Criminal Justice (SOBE)		
CRJ 306 Race, Ethnicity, Crime, and Criminal Justice (CIVI)		
JUS 329 Domestic Violence (SOBE)		
JUS 350 Immigration and Justice (SOBE)		
JUS 374 The Holocaust, Genocide, and Human Rights		
JUS 422 / WST 422 Women, Law, and Social Control		

Requirement	Minimum Grade	Credit Hours
JUS 425 Race, Gender, and Justice (CIVI)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 432 Racial Justice (CIVI)		
JUS 467 Terrorism, War, and Justice (CIVI)		
JUS 469 Political Deviance and the Law		
JUS 470 Alternative Dispute Resolution		
JUS 484 / SST 484 Internship		
JUS 498 / SST 498 Topic: Research Apprenticeship		
POS 370 Law and Society (CIVI)		
POS 470 Law and the Political Order		
PSY 468 Psychology and Law		
SOC 340 Social Deviance		
SOC 445 Globalization, Development, and Resistance		
TCL 335 / HST 323 / AFR 335 Historical Studies in Race, Crime, and the Law		
TCL 340 Chicana/o and Latina/o Politics and Policy		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Students who have attained sophomore standing (30 credit hours) in any undergraduate degree program at ASU are eligible for admission to the certificate program for socio-legal studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Critically assess core socio-legal theory, concepts and methods.
Demonstrate the ability to apply the fundamental principles of socio-legal studies to specific domestic or international issues through direct community engagement or research.

Career opportunities

Graduates who have combined the certificate in socio-legal studies with their major program of study may be more marketable to employers. They often decide to pursue employment in law, education, public service, and human welfare and social work. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Spanish for the Professions Certificate (LSSPPRFCER)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix

Description: This 15 credit hour certificate program helps students hone their Spanish communication skills and gain the cultural knowledge to help them serve the needs of the growing U.S. Latino community at home and abroad.

The program's combination of professionally focused courses and practical experience enhances students' professional preparation for employment in positions that require advanced proficiency in Spanish and an in-depth understanding of U.S. Latino culture. With the flexibility of iCourses and enriching internships, students gain practical experience while mastering intercultural communication, decision-making, and problem-solving with cultural and ethical awareness.

Curriculum

Requirement	Minimum Grade	Credit Hours
The Spanish for the professions certificate requires at total of 15 credit hours. A grade of "C" or better is required in all coures. Pass/Fail courses cannot be used.		
Required Courses		
SPA 404 Spanish in U. S. Professional Communities	C	3
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)	C	3
Electives		
Students will complete nine upper-division credit hours from one of the three focus areas: Spanish for the Professions, Professional Spanish and Latinx Cultures for Social Care and Public Work, or Professional Spanish and Latinx Cultures for Heritage Speakers.		

Requirement	Minimum Grade	Credit Hours
Upper Division Spanish for Professional Development and Solutions	C	9
Required Courses:		
SPA 317 Spanish for the Professions		
SPA 402 Mastering Professional Spanish Writing **or** SPA 484 Internship		
Choose one elective course from the following:		
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 401 Spanish Oral Communication for the Professions		
SPA 402 Mastering Professional Spanish Writing		
SPA 403 Spanish Grammar and Stylistics for the Professions		
SPA 406 Introduction to Spanish/English Medical Interpretation		
SPA 484 Internship		
SPA 494 Topic: Introduction to Spanish Translation for the Profes		
SPA 494 Topic: Community Interpretation		
SPA 494 Topic: Spanish for Social Care: Latinx Ameri Pop Cultures		
SPA 494 Topic: Spanish for Mental Health Practiti and Ally fields		
or		
Upper Division Professional Spanish and Latinx Cultures for Social Care and Public Work		
Required courses:		
SPA 401 Spanish Oral Communication for the Professions		
SPA 494 Topic: Spanish for Social Care: Latinx Ameri Pop Cultures		
Choose one elective course from the following:		

Requirement	Minimum Grade	Credit Hours
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		
SPA 317 Spanish for Professional Success		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 402 Mastering Professional Spanish Writing		
SPA 403 Spanish Grammar and Stylistics for the Professions		
SPA 406 Introduction to Spanish/English Medical Interpretation		
SPA 484 Internship		
SPA 494 Topic: Introduction to Spanish Translation for the Profes		
SPA 494 Topic: Community Interpretation		
SPA 494 Topic: Spanish for Mental Health Practiti and Ally fields		

or

Upper Division Professional Spanish and Latinx Cultures for Heritage Speakers

Required course:		
SPA 401 Spanish Oral Communication for the Professions		
Choose two elective courses from the following:		
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		
SPA 317 Spanish for Professional Success		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 402 Mastering Professional Spanish Writing		
SPA 403 Spanish Grammar and Stylistics for the Professions		
SPA 406 Introduction to Spanish/English Medical Interpretation		

Requirement	Minimum Grade	Credit Hours
SPA 484 Internship		
SPA 494 Topic: Introduction to Spanish Translation for the Profes		
SPA 494 Topic: Community Interpretation		
SPA 494 Topic: Spanish for Mental Health Practiti and Ally fields		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Before enrolling in SPA 484 Internship, students should complete a minimum of nine credit hours in the certificate program and seek instructor's approval. If you are not in the Spanish for the Profession Certificate and want to have this experience, contact the instructor. For Fall enrollment, submit your enrollment request by May 1st. For Spring enrollment, submit your enrollment request by December 1st. Email CISAadvising@asu.edu.

Enrollment requirements

The prerequisites for this certificate are completion of SPA 314 Spanish Conversation and Composition, or SPA 316 Advanced Spanish II for Bilinguals, or permission of instructor.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate. The certificate in Spanish for the professions can complement a graduate's major program of study and make them more marketable to employers.

Graduates serve in professional settings such as health and legal services, journalism, business, social work and criminology, among others.

Students who complete this undergraduate certificate often decide topursue employment in a variety of fields, including:

- business
- community interpretation
- education
- engineering and urban planning
- government
- health care services
- legal and justice systems
- social work
- tourism

Contact information

School of Applied Sciences and Arts | AZCNTR 380
https://cisa.asu.edu
CISA@asu.edu
480-965-4464

Special Events Management Certificate (HSRTMUERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Description: The special events management certificate program is a career enhancement program designed for students currently pursuing a bachelor's degree at ASU, as well as nondegree-seeking individuals who hold a degree from an accredited university.

This program provides students with valuable hands-on experience in event planning and a comprehensive understanding of modern event management. Students gain confidence in coordinating various aspects of events, including food and beverage services, operations, safety and security, production, technology and protocol.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours. Courses taken as part of a university major may count toward that degree and the certificate. To earn the certificate, students must complete all coursework in the certificate with a minimum grade of "C" (2.00 on a 4.00 scale) or better. An application to the program is required.		
Introductory Course		
PRM 145 Special Events Management PRM 145 must be taken first, as a prerequisite for the remaining required courses.	C	3
Required Courses		
CRD 350 Tourism, Recreation and Sports Marketing	C	3
PRM 422 Special Event Technology and Production	C	3
PRM 423 Special Event Operations	C	3
PRM 427 Where's the Money: Special Event Revenue Generation	C	3
PRM 487 Advanced Special Events Management **or** PRM 307 Event Leadership Experience	C	3
PRM 422 and PRM 487 are offered spring semester only.		
PRM 423, PRM 427, and PRM 307 are offered fall semester only.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Standards

18 hours of graded classroom coursework (no internship, no independent study).

Minimum of a "C" grade (2.00 on a 4.00 scale) required for all courses in the certificate.

Minimum GPA of 2.00 for those pursuing the certificate.

Students should be at least a junior to take 400-level courses.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply programmatic principles relevant to the special event industry to a variety of event-related scenarios.
Plan an event using current practices & concepts.

Career opportunities

The skills gained in this certificate program offer graduates countless career opportunities, such as organizing and managing festivals, trade shows, meetings, concerts and sporting events. Students can work in the area of operations, marketing, sales, risk management, accessibility and sustainability.

Contact information

School of Community Resources and Development | UCENT 500
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Speech-Language Pathology Assistant Certificate (LASLPACERT)

College/School: College of Health Solutions

Campus: Tempe

Description: The speech-language pathology assistant certificate program prepares students with the educational and clinical experience needed to become speech-language pathology assistants. The curriculum is focused on:

• clinical methods and treatment
• developmental speech and language disorders

• implementation of treatment plans
• professional issues and ethical considerations

This program is a great option for students majoring or minoring in speech and hearing science, individuals who have completed a bachelor's degree in speech and hearing, and those pursuing the postbaccalaureate communication sciences and disorders certificate.

This certificate program meets the American Speech-Language-Hearing Association's requirements for speech-language pathology assistant certification and Arizona's requirements for speech-language pathology assistant licensure.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate program includes 15 credit hours, including a clinical internship. A minimum of 12 credit hours must be completed at ASU. A minimum grade of "B-" (2.67 on a 4.00 scale) is required for each course.		
SHS 402 Clinical Methods and Treatment of Communication Disorders SHS 402 should be completed prior to the SHS 484: SLPA Certificate internship course.	B-	3
SHS 470 Developmental Speech and Language Disorders **or** SHS 485 Acquired Speech and Language Disorders **or** SHS 565 Speech and Language Acquisition	B-	3
SHS 473 Implementation of Treatment Plans for Individuals with Communication Disorders This course is only offered in the fall semesters.	B-	3
SHS 483 Professional Issues and Ethical Considerations for the SLPA This course is only offered in the spring semesters.	B-	3
SHS 484 Topic: SLPA Certificate This course should be completed in the student's final term.	B-	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Current undergraduate students who have completed at least nine credit hours in speech and hearing science coursework with an overall minimum GPA of 2.75 in the major and "B-" grade or higher in those courses are eligible to apply. Applications are also accepted from students who have completed a bachelor's degree in speech and hearing science or communication disorders from a program accredited by the American Speech-Language-Hearing Association with a major GPA of at least 2.75 (scale is 4.00 = "A").

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an

undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

A supplemental application is required for this certificate. Admission is limited because of placement capacity for the required internship experience. See the supplemental application (https://chs.asu.edu/slpa-application) for more information on the application process and deadlines.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will implement treatment strategies appropriate to client age and disorder in speech-language therapy sessions.
Students will apply professional and ethical principles in the practice of speech-language pathology for treatment of individuals with communication disorders.
Students will understand clinical activities by observing and interviewing speech-language pathologists or audiologists.

Career opportunities

Graduates with this certificate are prepared to work with people with communication disorders under the direction and supervision of a speech-language pathologist in schools, clinics and rehabilitation agencies that provide speech and language services.

Coursework and clinical training completed as part of the program also enhance preparation for graduate programs in speech and communication disorders.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/undergraduate-certificates/majorinfo/LASLPACERT/undergrad/true/91465
chs@asu.edu
602-496-3300

Sports Business Certificate (BASPBCERT)

College/School: W. P. Carey School of Business

Campus: Tempe

Description: The certificate program in sports business has an innovative curriculum designed for students seeking a Bachler of Science degree in the W. P. Carey School of Business who are interested in deepening their knowledge in the sports business domain.

Particular attention is given to providing a foundation in marketing and sales as applied to the sports business discipline. The certificate program prepares students for success by complementing coursework from a degree program with specialized business knowledge in the sports business area of interest.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in sports business requires 15 credit hours with at least 12 upper division credits. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.		
Required Course		
MKT 311 Sports Business	C	3
Certificate Elective Group 1		
Upper Division Sports Business Certificate Elective: Revenue and Analytics		
Select two courses		
MKT 441 Sports Revenue Generation	C	6
MKT 451 Sports Business Analytics		
MKT 484 Internship **or** MKT 493 Honors Thesis		
Certificate Elective Group 2		
Upper Division Sports Business Certificate Elective		
Select two courses		
MKT 370 Professional Sales and Relationship Management	C	6
MKT 375 Services Marketing		
MKT 410 Sales Management		
MKT 431 Sports Experiences		
MKT 435 Entrepreneurial Marketing		
MKT 465 Projects in Sports Business		
MKT 484 Internship **or** MKT 493 Honors Thesis		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Prerequisites: This program is available to W. P. Carey BS degree program students who have a minimum cumulative ASU GPA of 2.50 and 56 earned credit hours. Students must have completed MKT 300, MKT 302 or MKT 303 with a grade of "C" (2.00 on a 4.00 scale) or higher.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who have combined the certificate in sports business with their major program of study may become more marketable to employers.

Those who complete this undergraduate certificate often decide to pursue employment in marketing, sales or management. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of Marketing | BAC 460
https://wpcarey.asu.edu/undergraduate
wpcareymkt@asu.edu
480-965-3621

Sports, Cultures and Ethics Certificate (LASPCECERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in sports, cultures and ethics is a cross-disciplinary inquiry into the social, ethical and cultural influence of sports in society.

Courses explore the significance of sports in modern history, including relationships between sports and identity, community, politics, media, business and education. Students analyze the ethical and philosophical issues of participating in and watching sports. Students also explore how playing fields become places of connection and conflict, expanding opportunities or reinforcing inequalities based on race, gender, sexuality, religion and socioeconomic class.

Students who complete the program have knowledge and understanding of the multifaceted nature of sports and its wide-ranging impact on cultures and lives.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in sports, cultures and ethics requires a minimum of 18 credit hours, of which at least 12 must be upper division. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. All courses for the certificate must be passed with a minimum grade of "C" (2.00 on a 4.00 scale).		

Requirement	Minimum Grade	Credit Hours
AFR 375 Race, Gender and Sport (SOBE) **or** HST 377 Sports in United States History (HUAD)	C	3
PHI 370 Sports Ethics (HUAD)	C	3

Upper Division Electives

AFR 375 or HST 377 may be used as an elective if not used as a required sports culture course.

AFR 375 Race, Gender and Sport (SOBE)

CEL 394 Topic: Sports and Leadership

COM 394 / SBS 394 / SOC 394 Topic: Soccer: The Global Game

COM 477 Sport, Culture, and Discourses

CSM 335 / PRM 335 Sports and Recreation for Youth Development

FMS 360 Topic: Sports Media

HST 302 Topic: History of the Olympic Movement

HST 302 Topic: The Mexico City 1968 Olympics in Global Context — C — 6

HST 306 Topic: History of Baseball

HST 377 Sports in United States History (HUAD)

HST 379 History of College Sports

HST 494 / MCO 494 / TGM 494 Topic: Sport and Globalization

NEW 300 Topic: International Cities Barcelona

PHI 371 Philosophy of Sport

PHI 394 Topic: The Olympics and Philosophy

REL 383 / ASB 383 Religion and Sports (HUAD)

SGS 394 Topic: The Geopolitics of Sport

Requirement	Minimum Grade	Credit Hours
Electives	C	6

AFR 375 or HST 377 may be used as an elective if not used as a required sports culture course.

AFR 375 Race, Gender and Sport (SOBE)

ASB 252 Sports and Culture (GCSI)

CEL 394 Topic: Sports and Leadership

COM 394 / SBS 394 / SOC 394 Topic: Soccer: The Global Game

COM 477 Sport, Culture, and Discourses

CSM 335 / PRM 335 Sports and Recreation for Youth Development

FMS 360 Topic: Sports Media

HST 214 / SLC 214 The World's Game: History and Culture of Soccer

HST 302 Topic: History of the Olympic Movement

HST 302 Topic: The Mexico City 1968 Olympics in Global Context

HST 306 Topic: History of Baseball

HST 377 Sports in United States History (HUAD)

HST 379 History of College Sports

HST 494 / MCO 494 / TGM 494 Topic: Sport and Globalization

NEW 300 Topic: International Cities Barcelona

PHI 371 Philosophy of Sport

PHI 394 Topic: The Olympics and Philosophy

POS 294 Topic: Sports, Politics, & the Law

REL 383 / ASB 383 Religion and Sports (HUAD)

SGS 394 Topic: The Geopolitics of Sport

SOC 220 Sociology of Sport

Requirement	Minimum Grade	Credit Hours
Additional courses related to sports, cultures and ethics that are not on the Electives list may be used with the approval of the certificate directors.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Not all courses listed for this program are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate the social, cultural, political, and economic contexts relevant to ethical and justice issues in sports Interpretation of how playing fields become places of connection and conflict, expanding opportunities or reinforcing inequalities based on race, gender, sexuality, religion and socioeconomic class

Career opportunities

Students who combine the certificate in sports, cultures and ethics with their major program of study become more marketable to employers.

Students who complete this undergraduate certificate often decide to pursue employment in sports business, sports journalism, sports law, education, sports governance and administration, coaching or the sports sciences. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Stress Management, Mindfulness and Resilience Certificate (PPSMMRCERT)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Description: The undergraduate certificate program in stress management, mindfulness and resilience provides students with extensive knowledge of integrative health practices, and with hands-on experience in which cutting-edge research is explored, advanced skills are developed, and a mindfulness practice is nurtured.

GI Bill® benefits

This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 15 credit hours, 12 of which must be at the upper-division level. A grade of "C" (2.00 on a 4.00 scale) or better must be earned for all courses in the certificate. Students complete nine credit hours of required core courses and six credit hours of electives. At least 12 credit hours must be completed at ASU.		
Consider meeting with a Watts College undergraduate academic advisor prior to registration.		
Required Courses		
SWU 250 Stress Management Tools I (SOBE) **or** HCR 294 Topic: Fndns of Mindfulness and Resilience: Sci/Practice	C	3
SWU 349 Stress Management Tools II (SOBE)	C	3
SWU 350 Whole Person Health Across the Lifespan (SOBE) **or** HCR 394 Topic: Org. Mindfulness Leadership Success in Workplace	C	3
Electives		
Upper Division Electives	C	6
COM 452 Communication and the Art of Happiness		
EXW 302 Fundamentals of Wellness		
EXW 400 Stress Management for Wellness		
HCR 394 Topic: Org. Mindfulness Leadership Success in Workplace		
HEP 380 Body Image and Wellness		
HEP 443 Emotional Health and Interpersonal Relationships		
PSY 335 Positive Psychology		
PSY 494 Topic: Psychology of Mindfulness		
SWU 350 Whole Person Health Across the Lifespan (SOBE)		

Requirement	Minimum Grade	Credit Hours
SWU 351 Sustainable Living, Mindful Eating (SUST)		
SWU 350 or HCR 394 not used in required courses may be used to fulfill elective requirements.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Minimum GPA required: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/minors) for program descriptions and to request more information.

Career opportunities

Graduates are prepared to work in wellness-focused roles. This program enhances skills in managing workplace stress, promoting well-being and improving employee engagement, making graduates a valuable asset in wellness-focused organizations.

Career examples include:

- corporate trainer
- human resources associate
- mental health support worker
- mindfulness educator
- wellness coach

Contact information

School of Social Work | UCENT 800
https://socialwork.asu.edu/programs/undergraduate/minors-certs
social.work@asu.edu
602-496-0800

Sustainable Food Systems Certificate (SUFSUCERT)

College/School: College of Global Futures

Campus: Tempe

Description: Food systems are particularly important for human societies to sustain; however, these systems are particularly vulnerable to multiple threats. Many students from a wide variety of disciplines are interested in food

systems, especially as food and sustainability become increasingly relevant issues to employers in fields across the public and private sectors.

This certificate program in sustainable food systems enables students to take advantage of the diversity of courses offered that address challenges to food system sustainability. Students are encouraged to cover a breadth of topics and perspectives related to food system issues. They also have the opportunity to focus on particular skills and approaches suitable for their career paths, in areas as varied as agriculture, marketing, retail, policy and ethics. This program offers an innovative and exciting approach to the challenges of food system sustainability.

Because of the transdisciplinary nature of the certificate program, many courses may be found across ASU's campuses, allowing students to choose the focus area and location of study that best fit their needs.

The knowledge, competencies and skills students have upon completion of this certificate include the ability to identify food system drivers, activities, actors and outcomes at different spatial scales, and the capacity to assess the primary social, economic and environmental drivers and outcomes associated with food system sustainability challenges.

Students also acquire the ability to apply the following analytical skills or approaches to the development of food system sustainability solutions: cultural and social analysis, alternative agricultural design and practice, analysis of biophysical processes and environmental services, urban planning and policy, marketing and entrepreneurial development, sustainability assessment, and consumer preference and behavior.

Curriculum

Requirement	Minimum Grade	Credit Hours
Required Course		
SFS 215 Fundamentals of Sustainable Food Systems (SUST) **or** SFS 216 The Sustainable Plate (SUST)	C	3
Sustainable Food Systems Tier Electives Students must choose four tier electives. A minimum of two courses must be selected from Tier 1 Core electives, and no more than two courses from the same subject prefix across both Tiers 1 and 2 should be selected. ENG 367 and PUP 498 must be taken with the specific titles/topics indicated.		
Upper Division Tier 1 - Core Electives (choose at least two)	C	6
ABS 319 Food, Health and Human Biology		
ABS 369 Hydroponic Food Crop Production		
AGB 302 International Management and Agribusiness (GCSI)		
AGB 414 Food and Agribusiness Policy Issues		
AGB 456 Food Product Innovation and Development		
ASB 300 Food and Culture (SOBE)		

Requirement	Minimum Grade	Credit Hours
BIO 429 Human Impacts on Ecosystem Functioning		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
NTR 353 The Western Diet		
PLB 302 Plants and Civilization		
PUP 498 Topic: Urban Food Systems		
SOS 327 Sustainable Food and Farms		
Upper Division Tier 2 - Electives	C	6
ABS 319 Food, Health and Human Biology		
ABS 368 Plant Propagation		
ABS 369 Hydroponic Food Crop Production		
ABS 464 Desert Horticulture		
AGB 302 International Management and Agribusiness (GCSI)		
AGB 321 Agribusiness Sales and Marketing		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 452 Global Food and Agricultural Trade		
AGB 456 Food Product Innovation and Development		
ASB 300 Food and Culture (SOBE)		
ASB 305 Poverty and Global Health (CIVI)		
ASB 463 / TCL 443 Political Ecology of the Border		
BIO 311 Biology and Society		
BIO 324 Environmental Ethics (SUST)		
BIO 418 Soil Ecology		

Requirement	Minimum Grade	Credit Hours
BIO 434 People and Nature: Ecosystem Services		
ENG 367 Environmental Issues in Literature and Film		
GPH 314 Global Change (SUST)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 353 The Western Diet		
NTR 448 Community Nutrition		
PLB 302 Plants and Civilization		
PUP 498 Topic: Urban Food Systems		
SOS 322 International Development and Sustainability		
SOS 327 Sustainable Food and Farms		
SOS 370 / ASB 370 Ethics of Eating (SUST)		
SOS 374 / GLG 327 Earth's Critical Zone		

Tier Electives are not limited to courses from this list only. Other courses on food systems may be offered (special topics, etc.). Students may request to have those approved as an elective for this certificate by submitting a College of Global Futures Standards Petition.

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Advising is not required, but students are encouraged to speak with an advisor by scheduling an appointment through the College of Global Futures advising website (https://collegeofglobalfutures.asu.edu/student-life/advising/undergraduate-advising/).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

A certificate in sustainable food systems provides a distinct and valuable skill set that transcends traditional career boundaries. Whether graduates are pursuing paths in business, technology, science, education or government, the knowledge of sustainable food systems enriches their ability to drive positive change.

This certificate brings a fresh perspective to various sectors, including agriculture, consumer goods, public health and education. Graduates are equipped to address pressing issues such as environmental sustainability, farm-to-table practices, nutrition and urban agriculture. Graduates stand out in a competitive job market, offering versatile skills that can be applied across diverse career landscapes.

By integrating sustainable food systems principles into their education and future endeavors, graduates become catalysts for transformative change, shaping a healthier, more sustainable future for all. This certificate not only broadens their career horizons but also empowers them to make a lasting impact in their chosen fields.

Contact information

School of Sustainability | WCPH 4th floor
https://schoolofsustainability.asu.edu/degrees-programs/certificates/
cgfadvising@asu.edu
480-727-6963

Symbolic, Cognitive and Linguistic Systems Certificate (LAPHICERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in symbolic, cognitive and linguistic systems takes a transdisciplinary approach to the symbolic representation and processing of information in human cognition, natural languages, and formal mathematical, logical and computing systems.

Coursework covers three areas: human cognition and theories of mind, philosophy of language and linguistics, and computing and logic.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours, of which at least 12 must be upper division. At least six upper-division credit hours must be taken through The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.		

Requirement	Minimum Grade	Credit Hours
CSE 110 Principles of Programming (QTRS) **or** CSE 205 Object-Oriented Programming and Data Structures (QTRS) **or** CSE 240 Introduction to Programming Languages	C	3

Upper Division Philosophy Course (choose one)

PHI 313 Probability, Evidence, and Decision	C	3
PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)		
PHI 330 Theory of Knowledge (HUAD)		
PHI 331 Philosophy of Language		
PHI 333 Symbolic Logic		
PHI 334 Philosophy of Mind (HUAD)		
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 413 Advanced Symbolic Logic		

Students must complete at least one course each from the cognitive, linguistic and symbolic systems electives lists to earn the certificate.

The required CSE course above also satisfies the requirement in the symbolic systems category, but students must complete at least one course from the two other categories. Once all three categories are satisfied, students may choose any courses from the cognitive, linguistic and symbolic systems lists for the remaining electives.

Upper Division Electives

COGNITIVE SYSTEMS	C	9
PHI 313 Probability, Evidence, and Decision		
PHI 330 Theory of Knowledge (HUAD)		
PHI 334 Philosophy of Mind (HUAD)		
PHI 401 Rationalism		

Requirement	Minimum Grade	Credit Hours
PHI 402 Empiricism		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 434 Cognitive Psychology		
PSY 437 Human Factors		
LINGUISTIC SYSTEMS		
ENG 312 English in its Social Setting (SOBE)		
ENG 313 Phonology and Morphology		
ENG 314 Modern Grammar		
ENG 413 History of English Language		
PHI 331 Philosophy of Language		
SYMBOLIC SYSTEMS		
CSE 471 Introduction to Artificial Intelligence		
MAT 300 Mathematical Structures		
MAT 420 Scientific Computing		
PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)		
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		
Electives	C	3
COGNITIVE SYSTEMS		
PHI 313 Probability, Evidence, and Decision		
PHI 330 Theory of Knowledge (HUAD)		

Requirement	Minimum Grade	Credit Hours
PHI 334 Philosophy of Mind (HUAD)		
PHI 401 Rationalism		
PHI 402 Empiricism		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 434 Cognitive Psychology		
PSY 437 Human Factors		
LINGUISTIC SYSTEMS		
ENG 213 Introduction to the Study of Language (SOBE)		
ENG 312 English in its Social Setting (SOBE)		
ENG 313 Phonology and Morphology		
ENG 314 Modern Grammar		
ENG 413 History of English Language		
PHI 331 Philosophy of Language		
SYMBOLIC SYSTEMS		
CSE 110 Principles of Programming (QTRS)		
CSE 205 Object-Oriented Programming and Data Structures (QTRS)		
CSE 240 Introduction to Programming Languages		
CSE 471 Introduction to Artificial Intelligence		
MAT 243 Discrete Mathematical Structures		
MAT 300 Mathematical Structures		
MAT 420 Scientific Computing		
PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)		

Requirement	Minimum Grade	Credit Hours
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		
With the approval of the director of undergraduate studies, students may substitute one course not on the approved course lists. Please obtain approval prior to enrolling in any course not on the approved list.		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Not all courses for this program are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate arguments for formal validity and construct formal proofs. Students will be able to capture the logical form of English sentences.
Explain and apply key philosophical concepts or theories in the study of human cognition, including techniques and challenges for modeling human cognition using formal or programming languages.

Career opportunities

Graduates who have complemented their major with this specialization in symbolic, cognitive and linguistic systems can advance their career options and may be more marketable to employers. The analytical and reasoning skills they have gained, particularly reasoning with computer programming languages and other symbolic systems, enhance their employment opportunities.

Graduates with this undergraduate certificate often pursue employment in business, engineering, information systems or psychology. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Teaching English to Speakers of Other Languages (TESOL) Certificate (LATESLCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The teaching English to speakers of other languages certificate program consists of key courses that provide students with the practical skills and confidence necessary to teach English as a second or other language anywhere in the world. This certificate can be added to any degree program and includes a supervised internship to gain valuable hands-on experience before graduation.

This certificate does not certify students to teach in Arizona public schools (K--12).

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate program in teaching English as a second language requires 18 credit hours, of which 12 must be completed at the upper-division level. At least six credit hours must be completed from courses offered by The College of Liberal Arts and Sciences. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		
Core		
ENG 213 Introduction to the Study of Language (SOBE)	C	3
ENG 484 Topic: TESOL Internship	C	3
Theory/Methods		
ENG 404 Studies in Second Language Acquisition ENG 404 is repeatable for credit and must be completed twice.	C	6
Linguistics Electives		
Upper Division Group 1		
ENG 403 Semantics ENG 404 Studies in Second Language Acquisition ENG 414 Studies in Linguistics	C	3
Group 2	C	3
ENG 214 English Grammar and Usage ENG 312 English in its Social Setting (SOBE) ENG 313 Phonology and Morphology ENG 314 Modern Grammar		

Requirement	Minimum Grade	Credit Hours
ENG 413 History of English Language		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Language expertise (linguistic knowledge): Graduates of the undergraduate certificate program in TESOL will be able to recall and explain structural and functional features of human language.
Language learning and use expertise (L2-specific knowledge): Graduates of the undergraduate certificate program in TESOL will be able to recall and explain theories, research and key concepts in first and second language use and learning.
Teaching expertise (pedagogical knowledge): Graduates of the undergraduate certificate program in TESOL will be able to recall and explain key concepts, theories and methods in second language (L2) teaching and will be able to develop teaching and learning materials.
Real world expertise (context-specific knowledge and application): Graduates of the undergraduate certificate program in TESOL will be able to apply theories and key concepts in (a) language studies, (b) L2 use and learning, and (c) L2 teaching to real-world contexts (e.g., language teaching, materials development, or related professional practices).

Career opportunities

The TESOL certificate is useful for graduates who are interested in careers in this increasingly important field. It also serves as excellent preparation for students who wish to pursue graduate studies in the Master of Teaching English to Speakers of Other Languages program at ASU or in a similar program at another institution.

Students who combine this TESOL certificate with their major program of study may become more marketable to employers.

Students who complete this undergraduate certificate often decide to pursue employment in teaching abroad. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

Transformation and Change Certificate (ASTNCHCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description: The certificate program in transformation and change provides students with a broad but integrated intellectual experience that gives tangible meaning to the concept of transformation.

Coursework is focused on a thematic approach, and students work through the lenses of several disciplinary and interdisciplinary orientations to understand the dynamics of transformation. This gives an elevated measure of depth and breadth to their overall educational experience.

Enrollment requirements

This certificate is open to students in any major. Students who wish to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates can advance or broaden their career options with a certificate in transformation and change. They leave the program with attributes that employers seek: creativity, versatility, a well-rounded knowledge base, robust critical thinking skills, strong oral and written communication skills, and the ability to devise creative approaches to problem-solving. All are considered major assets in the workplace. With this academic and intellectual foundation and their transferrable skills, they have the tools that will enable them to pursue graduate education or advance in a wide array of careers in fields such as education, human services, government, marketing, consulting, social work and publishing.

Contact information

Dean, New Interdisciplinary Arts and Sciences | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASTNCHCERT/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Translation Certificate (LASPACERT)

College/School: The College of Liberal Arts and Sciences

Campus:

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description: The translation certificate program focuses on Spanish and English.

The curriculum provides competence in translation, awareness of the different approaches, an introduction to the main professional areas, and an overview of the requirements for further certification in the desired area or areas of translation expertise: legal, medical, business and technical.

Enrollment requirements

Because entry into the field of professional translation is gained through work, cultural experience and examination, the entrance requirements for this certificate program include a written proficiency examination in both the source and receptor languages at the level of completion of an advanced composition course in Spanish (SPA 412) and English (ENG 301).

Extensive work experience using Spanish and English or demonstrated bilingual writing competence in English and Spanish is also required.

Requests to declare this certificate are reviewed by the academic advisor in the academic unit offering the certificate. Students may be contacted to discuss the certificate before it is added to their record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students who combine the certificate in translation with their major program of study may become more marketable to employers.

Graduates who have completed this certificate along with their major often decide to pursue employment in education, law, medicine, tourism and hospitality, or marketing.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/
silcadvising@asu.edu
480-965-6281

Veterans, Society and Service Certificate (LAVSSCERT)

College/School: College of Integrative Sciences and Arts

Campus: Tempe, Online

Description: Through the certificate program in veterans, society and service, students explore the history, representations, experiences and culture of military service and veterans.

Students study the veteran community with an interdisciplinary approach that combines history, politics, business, journalism, psychology, law, sociology and the arts through the intersectional lenses of gender, race, ethnicity and national identity. This program trains students to listen to, learn from, serve, research and advocate for veterans and their families.

Future professionals and current employees at government agencies, health provider organizations, nonprofit organizations and media industries can benefit from this multifaceted certificate program.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires 18 credit hours, of which at least 12 credit hours must be completed at the upper-division level and nine must be completed at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.		

Requirement	Minimum Grade	Credit Hours
Required Courses		
MVS 100 Introduction to Military Studies	C	3
MVS 202 Exploring Veteran Culture	C	3
MVS 300 Fighting for American Ideals **or** MVS 301 Experience of America's Modern Wars	C	3
MVS 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)	C	3
Elective		
Upper Division Electives	C	3
AFR 494 Topic: Black Military History		
CAP 316 Combat Trauma		
CAP 336 Counseling Military Veterans		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 414 Crisis Communication		
COM 420 Rhetoric and Community Advocacy		
HST 302 Topic: War and Political Thought		
HST 302 Topic: Women, War and Peace		
HST 306 Topic: World War ll		
HST 340 American Military History (HUAD)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 372 Modern Middle East (GCSI)		
HST 456 The Vietnam War (HUAD)		
IAP 307 Art and War (GCSI)		
ISS 428 Religion and Global Violence (GCSI)		

Requirement	Minimum Grade	Credit Hours
ISS 441 Conflict and Conflict Resolution		
ISS 456 Culture, Conflict and War		
JST 346 Israeli Wars in Israeli Movies		
MCO 494 Topic: War and Media		
MVS 376 Writing a Personal History		
MVS 394 Special Topics		
MVS 395 Combat in Film		
MVS 401 The Military: Law, Ethics and Culture		
MVS 402 Technology and Warfare		
MVS 494 Special Topics		
PAF 302 Public Service Research Methods		
POS 310 American National Government (AMIT)		
POS 316 American Political Institutions (AMIT)		
POS 325 Public Policy Development (CIVI)		
POS 346 Problems of Democracy (HUAD)		
POS 350 Comparative Politics (GCSI)		
POS 360 World Politics (GCSI)		
POS 361 American Foreign Policy (SOBE)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 378 / REL 378 Religion, War and Peace (CIVI)		
POS 414 Political History and Leadership		
POS 426 Elements of Public Policy		
POS 467 International Security (GCSI)		

Requirement	Minimum Grade	Credit Hours
SGS 394 Topic: Gender and Armed Conflict		
Internship		
MVS 484 Internship All students must complete an internship and should review their internship options, including virtual, with the CISA internship coordinator. Prerequisite courses may be needed in order to complete the requirements of this certificate.	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/certificates/veteran-service/) for program descriptions and to request more information.

Career opportunities

Students can advance their career options with an undergraduate certificate.

Graduates who have combined the certificate in veterans, society and service with their major program of study may become more marketable to employers.

Graduates often pursue employment as health care social workers, social and community service managers, or community health workers. Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Applied Sciences and Arts | AZCNTR 380
https://vetengagement.asu.edu
CISA@asu.edu
480-965-4464

Vocal Pedagogy Certificate (HIVCLPCERT)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Description: The vocal pedagogy certificate program provides opportunities for upper-level undergraduates or nondegree-seeking graduate students who are current or future singing teachers and choral directors who wish to cultivate and further the development of their teaching skills and knowledge of the field of vocal pedagogy. This is a 15

credit hour certificate program, including a set of core courses in pedagogy and applied voice, elective course offerings in related disciplines, and a teaching practicum.

Curriculum

Requirement	Minimum Grade	Credit Hours
MUP 321 Studio Instruction **or** MUP 311 Studio Instruction **or** MUP 327 Studio Instruction	C	2
MUP 402 Anatomy and Physiology of Singing	C	2
MUP 403 Literature for Teaching Voice	C	1
MUP 404 Voice Teaching Practicum	C	1
MUP 481 Performance Pedagogy and Materials	C	2
Elective		
MSC 221 Popular Music Lab		
MUE 110 Introduction to Music Education		
MUE 413 The Art of Teaching Children Music		
MUE 480 Art of Teaching Advanced Vocalists		
MUP 250 Diction for Singers		
MUP 438 The Enterprising Artist	C	3
MUP 439 Performing Arts Product Creation and Development		
MUP 453 Art Song Repertoire		
SHS 310 Anatomical and Physiological Bases of Speech		
THP 277 Voice and Speech I		
THP 351 Arts Management		
THP 377 Voice and Speech II		
Upper Division Elective	C	4
MUE 413 The Art of Teaching Children Music		

Requirement	Minimum Grade	Credit Hours
MUE 480 Art of Teaching Advanced Vocalists		
MUP 438 The Enterprising Artist		
MUP 439 Performing Arts Product Creation and Development		
MUP 453 Art Song Repertoire		
SHS 310 Anatomical and Physiological Bases of Speech		
THP 351 Arts Management		
THP 377 Voice and Speech II		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A minimum of an associate degree in music or a related field, or status as a third-year or higher undergraduate music major in a Bachelor of Music or Bachelor of Arts program is required.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Graduates who earn this certificate can develop a private teaching studio or a vocal coaching studio, conduct choirs, teach future voice teachers how to teach effectively, teach vocal diction and projection, or teach healthy singing methods across a variety of styles and age groups.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu
MDTAdmissions@asu.edu
480-965-5069

Water Resources Certificate (LAWATRCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: The certificate program in water resources covers topics related to hydrologic science and their application to water resources management. The sequence of classes offered through the certificate program builds from a foundation in geological sciences up to water policy and design aspects of hydrology, as selected by the student.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 16 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.		
GLG 108 Water Planet (SCIT) **or** SOS 182 Water Planet (SCIT)	C	4
GLG 327 Earth's Critical Zone **or** SOS 374 Earth's Critical Zone	C	3
GLG 470 Hydrogeology	C	3
Upper Division Water Resources Electives		
CEE 441 Water Resources Engineering	C	6
GLG 325 / BIO 325 / CHM 385 Oceanography		
GLG 362 Geomorphology		
GLG 471 Hydrology		
GLG 481 Geochemistry		
GLG 489 Field Geochemistry		
SEA 330 Digital Blue Planet (QTRS)		
SEA 394 Topic: Fluid Dynamics		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze scientific data to quantify and make predictions about water flow at or near Earth's surface in response to gravitational, atmospheric, topographic, and hydrologic characteristics of the medium through which it moves.
Demonstrate advanced understanding of the hydrologic cycle and the interactions among physical, biological, and chemical components of a particular geologic setting.

Career opportunities

With water resources jobs increasing at a rate faster than other job outlooks (up to 6% growth between 2022 and 2032, well above the national average of 2.8%, according to the U.S. Bureau of Labor Statistics), the demand for individuals with industry-specific skills is clear.

Students who earn a certificate in water resources can advance their career and become more marketable to employers. Exciting career opportunities in this field exist within government agencies, private sector consulting, engineering firms and nonprofit organizations, though most career areas require more training than a certificate alone can provide.

Career opportunities include:

hydrologist
soil and water conservationist
water or wastewater engineer
water resources technician

Sample career settings include:

environmental industry
governmental agencies
nonprofit organizations
private voluntary organizations
regulatory agencies
utilities

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu
sese-advising@asu.edu
480-965-5081

Wildlife Management Certificate (LSWLMCERT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: The undergraduate wildlife management certificate program is for students interested in biology, conservation, sustainability and management of wildlife resources. Students gain application-based and hands-on experience in the field and engage with wildlife professionals.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires 22 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required in each course.		

Requirement	Minimum Grade	Credit Hours
Required Courses		
ABS 274 Introduction to Wildlife Management	C	4
ABS 376 Wildlife Ecology	C	3
ABS 377 International Wildlife Conservation	C	3
ABS 470 Life History of Mammals	C	3
Electives		
Upper Division Electives		
ABS 380 Restoration and Wildlife Plants		
ABS 384 Natural Resources Measurements		
ABS 472 Applied Herpetology		
ABS 473 Applied Ornithology		
ABS 475 Habitat Management for Small Wildlife	C	9
ABS 476 Large Mammal Habitat Ecology		
ABS 485 GIS in Natural Resources		
ABS 486 Introduction to Remote Sensing		
ABS 489 Undergraduate Research		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students can advance their career options with an undergraduate certificate. This certificate can give a hiring edge to students who want to pursue employment in the growing number of environmental careers offered by state and federal agencies such as the Arizona Game and Fish Department, U.S. Forest Service, U.S. Geological Survey and U.S.

Bureau of Land Management. Students also have strong career prospects with nongovernmental organizations in areas of fish and wildlife management and range management or as biological technicians.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Working with Military Families Certificate (LAWWMFCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Students in the working with military families certificate program complete academic coursework to enhance their knowledge of human development, marital and familial relationships, and family dynamics in the context of military culture.

Students learn about the complex challenges that military personnel, military families and veterans face, such as dealing with multiple deployments, war, combat, trauma and death. They study normative family processes, stress and coping with military culture.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses.		
Required Courses		
CDE 232 Human Development (SOBE)	C	3
FAS 101 Personal Growth and Relationships (SOBE)	C	3
FAS 331 Modern Family Relationships (SOBE)	C	3
FAS 410 Military Family Systems in a Democracy	C	3
SOC 415 Families and Social Policy	C	3
Internship Requirement		
FAS 484 Internship Students are required to complete a capstone internship project that includes a field work experience, a written integrative paper and an oral presentation.	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

There are no admission requirements beyond those for admission to ASU.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Understand the contextual influences on individual and family relationships specific to military families
Analyze family relationship patterns, including communication, conflict, roles.
Analyze the contextual influences on individual and family relationships specific to military families.

Career opportunities

Graduates may be more marketable to employers and advance their career options when they complement their major with this undergraduate certificate specialization in working with military families.

Graduates understand and appreciate the similarities and differences between civilian and military culture, making them more inclusive coworkers, managers and community members with regard to the military community. Students who complete this undergraduate certificate often decide to pursue employment in health care, counseling, social work, sociology or education.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/
advisor@asu.edu
480-965-6978

Workplace Communication Certificate (LAWCOMCERT)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Description: Communication skills are valued across many industries and regarded as essential for success in the workplace. The certificate program in workplace communication focuses on helping students become competent communicators across various professional settings. As part of the program, students learn how to lead teams and create effective presentations. This program complements coursework in many majors by enabling students to develop the communication skills needed to maximize productivity and satisfaction in professional contexts.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate requires 18 credit hours. Nine of the 18 credit hours must be completed at ASU, including six upper-division credit hours offered by The College of Liberal Arts and Sciences. Twelve credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Required Courses		
COM 100 Introduction to Human Communication (SOBE)	C	3
COM 250 Communication and the Workplace (SOBE)	C	3
Electives (select four)		
Upper Division Electives		
COM 312 Communication, Conflict, and Negotiation (CIVI)	C	12
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 400 Topic: Dissent in Organizations		
COM 400 Topic: Identity and Diversity in Organizations		
COM 403 Intercultural Business Communication (CIVI)		
COM 414 Crisis Communication		
COM 423 Facilitating Collaboration and Dialogue		
COM 430 Leadership in Group Communication		
COM 451 Communication and Work Relationships		

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Global opportunities

Global experience: Students in the certificate program can take part in the Hugh Downs School of Human Communication's summer study abroad program (https://studyabroad.asu.edu/index.cfm?FuseAction=Programs.ViewProgramAngular&id=2982) to England, Scotland and Ireland.

Career opportunities

Being skilled in workplace communication is an asset for many professions. Graduates with this certificate are better prepared for careers in areas such as human resource management, sales and marketing, public relations and management.

Contact information

Hugh Downs School of Human Communication | STAUF 412
https://humancommunication.asu.edu/
communication@asu.edu
480-965-5095

Writing Certificate (ASWRTCERT)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Description: The certificate program in writing offers five track options --- creative writing, generalist, nonfiction writing, professional and technical writing, and publishing and editing --- which can be tailored to students' individual interests and career goals.

The program comprises intensive coursework that culminates in an exit portfolio, which is a collection of work that demonstrates writing skills mastery.

Curriculum

Requirement	Minimum Grade	Credit Hours
The certificate in writing consists of 16 credit hours of coursework, of which a minimum of 13 hours must be upper division. A minimum of six upper-division credit hours must be earned through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to satisfy requirements for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.		
Students select one track and complete 15 credit hours from that track, of which 12 credit hours must be upper division.		
Upper Division Creative Writing Track	C	12
ENG 310 Intermediate Creative Writing		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 361 Scriptwriting		
ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice		

Requirement	Minimum Grade	Credit Hours
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
ENG 394 Topic: Comedy Writing		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		
ENG 394 Topic: Professional Writing Workshop - Fiction		
ENG 394 Topic: Professional Writing Workshop - Poetry		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		
or **Upper Division Professional and Technical Writing Track**		
ENG 301 Writing for the Professions		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 323 Rhetoric and Grammar		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		
or **Upper Division Publishing and Editing Track**		
ENG 323 Rhetoric and Grammar		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		

Requirement	Minimum Grade	Credit Hours
ENG 394 Topic: Professional Writing Workshop - Fiction		
ENG 394 Topic: Professional Writing Workshop - Poetry		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 484 / ETH 484 / JHR 484 Topic: Pen Project Prison Teaching		
ENG 499 Individualized Instruction		
or **Upper Division Nonfiction Writing Track**		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 379 Travel Writing		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		
ENG 410 Writing for Publication		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		
or **Upper Division Generalist Track**		
ENG 301 Writing for the Professions		
ENG 302 Business Writing		
ENG 310 Intermediate Creative Writing		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 323 Rhetoric and Grammar		

Requirement	Minimum Grade	Credit Hours
ENG 361 Scriptwriting		
ENG 379 Travel Writing		
ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice		
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
ENG 394 Topic: Comedy Writing		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		
ENG 394 Topic: Professional Writing Workshop - Fiction		
ENG 394 Topic: Professional Writing Workshop - Poetry		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		
Creative Writing Track	C	3
ENG 210 Introduction to Creative Writing		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 287 Beginning Creative Writing Workshop in Poetry		
ENG 288 Beginning Creative Writing Workshop in Fiction		
ENG 310 Intermediate Creative Writing		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 361 Scriptwriting		
ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice		

Requirement	Minimum Grade	Credit Hours
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
ENG 394 Topic: Comedy Writing		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		
ENG 394 Topic: Professional Writing Workshop - Fiction		
ENG 394 Topic: Professional Writing Workshop - Poetry		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		
or **Professional and Technical Writing Track**		
ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)		
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 301 Writing for the Professions		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 323 Rhetoric and Grammar		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		
or **Publishing and Editing Track**		
ENG 323 Rhetoric and Grammar		

Requirement	Minimum Grade	Credit Hours
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		
ENG 394 Topic: Professional Writing Workshop - Fiction		
ENG 394 Topic: Professional Writing Workshop - Poetry		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 484 / ETH 484 / JHR 484 Topic: Pen Project Prison Teaching		
ENG 499 Individualized Instruction		
or **Nonfiction Writing Track**		
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 379 Travel Writing		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		
ENG 410 Writing for Publication		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		
or **Generalist Track**		
ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)		
ENG 210 Introduction to Creative Writing		

Requirement	Minimum Grade	Credit Hours
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 287 Beginning Creative Writing Workshop in Poetry		
ENG 288 Beginning Creative Writing Workshop in Fiction		
ENG 301 Writing for the Professions		
ENG 302 Business Writing		
ENG 310 Intermediate Creative Writing		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 323 Rhetoric and Grammar		
ENG 361 Scriptwriting		
ENG 379 Travel Writing		
ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice		
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
ENG 394 Topic: Comedy Writing		
ENG 394 Topic: NaNoWriMo - National Novel Writing Month		
ENG 394 Topic: Professional Writing Workshop/Creative Nonfiction		
ENG 394 Topic: Professional Writing Workshop - Fiction		
ENG 394 Topic: Professional Writing Workshop - Poetry		
ENG 410 Writing for Publication		
ENG 433 Literary Magazine Publishing: Canyon Voices		
ENG 499 Individualized Instruction		

Requirement			Minimum Grade	Credit Hours
AMS 490 Writing Certificate Portfolio	**or**	ENG 495 Writing Certificate Portfolio	C	1

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

Any ASU student in good academic standing (minimum cumulative GPA of 2.00; scale is 4.00 = "A") who has successfully completed the first-year composition requirement (ENG 101 and 102; ENG 105; or ENG 107 and 108 with a grade of "C" or higher) is eligible to add the New College writing certificate. No more than nine credit hours may be shared between the certificate and other degree programs, minors or other certificates. Students who wish to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure that the appropriate set of courses is taken.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before an undergraduate degree is completed. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Certification of advanced writing skills paves the way to a vast array of career opportunities in journalism and publishing, public advocacy, military and government, elementary and secondary education, industry and management, economic development and law. Graduates are prepared for jobs as technical writers, copy editors, teachers, publishers, writers, reporters and correspondents, and script writers.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/undergraduate-certificates/majorinfo/ASWRTCERT/undergrad/true/177
harcsadvising@asu.edu
602-543-3000

Writing Certificate (LSWRTCERT)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Description: In the writing certificate program offered by the College of Integrative Sciences and Arts, students write for specific purposes and consider how writing is used in careers.

In the core course, students cultivate visual and multimodal literacies, enabling them to respond to new writing situations with flexibility, creativity and resourcefulness. Students complete two electives in a focus area of their choice, such as professional writing, food and travel, science and the environment, mentoring writers, or another area of writing in support of their interests. An internship provides opportunities for students to gain practical, hands-on skills. For example, they might serve as writing mentors in the Writers' Studio or be involved with publishing a journal. Finally, in the program's capstone course, students assemble a portfolio of their best work, design and carry out a new applied project, and connect what they have learned in the program to potential careers.

Curriculum

Requirement	Minimum Grade	Credit Hours
This certificate requires 15 credit hours. Students complete four upper-division writing courses (12 credit hours). At least three of the courses must be offered by the College of Integrative Sciences and Arts. In addition, students must complete a capstone course (three credit hours) at the end of their program. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.		
Core Requirements		
ENG 446 Visual Narratives (HUAD)	C	3
ENG 484 Internship	C	3
Writing Focus Electives		
Upper Division Writing Focus Electives	C	6

Suggested focus pairings are below. Students may work in consultation with their advisor to develop a two-course focus area in support of their professional or personal interests in writing.

Food and Travel Writing

ENG 379 Travel Writing

ENG 394 Topic: Writing About Food

Mentoring Writers

ENG 480 Methods of Teaching English: Composition

ENG 482 Methods of Teaching English: Language

Professional Writing

ENG 301 Writing for the Professions

ENG 311 Persuasive Writing (CIVI)

Writing about Science and the Environment

ENG 378 Environmental Creative Nonfiction (HUAD)

Requirement	Minimum Grade	Credit Hours
HST 482 Writing and the History of Science, Ideas and Technology		
Capstone		
ENG 498 Pro-Seminar Students must complete at least three hours of ENG 498 Pro-Seminar at the end of their program. Students will work closely with faculty on their writing portfolio and applied project.	C	3

Notes

Prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment requirements

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded before the completion of an undergraduate degree. A student who already holds an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Career opportunities

Students and professionals can advance their career options with an undergraduate writing certificate. Graduates who have combined the certificate in writing with their major program of study may be more marketable to employers.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Undergraduate Programs

Undergraduate Degrees (Program Descriptions)

Business, W. P. Carey School of

Accountancy, BS (BAACCBS)

College/School: W. P. Carey School of Business

Campus: Tempe, West Valley, Online

Program description

The W. P. Carey School of Accountancy works closely with its professional advisory board to create a learning environment that emulates the professional world through exploration of applied processes and strategies. The Bachelor of Arts program in accountancy prepares students by equipping them with critical thinking, team-building, communication and information technology skills, along with knowledge of accounting theories and procedures.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Taxation and Data Analytics, MTax

Accountancy and Data Analytics, MACC

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:

First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business Bachelor of Science major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and who did not select a second major or are not admissible to their second major choice are placed in a BA program in the W. P. Carey School of Business. Students not interested in the program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/accounting-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAACCBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to accountancy students. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Understanding international accounting methods helps students become more well-rounded and competitive in the accounting field. Accountancy students in particular benefit from thinking about participating in a Global Education program (https://goglobal.asu.edu/) early in their program. Students can leverage global opportunities and learning, which are great assets as they prepare for internships; these programs also provide unique experiences that students can share with recruiters.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/students/major/wp-carey/accountancy) for students majoring in accountancy.

Career opportunities

Accounting is a dynamic field, with diverse career opportunities in the private sector and in government agencies worldwide.

Graduates have the essential academic preparation and competitive edge they need for:

- a position in consulting
- a position in personal financial planning and portfolio analysis
- a professional career in public, corporate and governmental accounting
- operating a business

Graduates are also well-positioned to pursue a graduate degree or attend law school.

Contact information

School of Accountancy | BA 223Q
https://wpcarey.asu.edu/undergraduate
wpcareyacc@asu.edu
480-965-3631

Applied Business and Technology Solutions, BA (BAAPBTSBA)

College/School: W. P. Carey School of Business

Campus: Polytechnic, West Valley, Online

Program description

The Bachelor of Arts program in applied business and technology solutions is designed to meet the needs of workforce learners who wish to complete an undergraduate degree in business. In this degree program, students can quickly access accounting, business analytics, computer information systems, economics, finance, management, marketing, process management and business ethics courses, and directly connect what is taught in the classroom to their working environment. Applied internship courses in the program enable students to put what they are learning into practice, and emphasis areas allow students to further customize the degree to their working environments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors. Students ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos). Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-business-technology-solutions/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAAPBTSBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way business functions, study abroad programs provide students with valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

Business students can participate in Global Education programs (https://goglobal.asu.edu) nearly anywhere in the world and gain valuable internship experience in many global business hubs, such as Australia, Germany, England, Singapore, China and the United Arab Emirates.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/students/major/wpcarey) for students majoring in applied business and technology solutions.

Career opportunities

The strong academic foundation in core business functions and customizability of this applied business and technology solutions program enables graduates to explore a variety of different fields.

Contact information

School of Technology,Innovation & Entrepreneurship | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Artificial Intelligence in Business, BS (BAAIBBS)

College/School: W. P. Carey School of Business

Campus: Polytechnic, Tempe, Online

The Polytechnic campus will be available for this program beginning Fall 2026.

Program description

The Bachelor of Science program in artificial intelligence in business equips students with the technical AI and business skills required to succeed in the constantly evolving landscape of technology and information systems. It prepares business students to leverage AI mindfully, toward meaningful value creation within an organization.

Students learn how AI technologies work and how to deploy AI successfully within a business, and they are given opportunities to practice these skills in an organizational setting under the guidance of world-class business faculty and leaders.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more semester hours of credit after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside W. P. Carey School of Business. Students who are admissible to the university but do not meet admission requirements for this degree and and did not select a second major or are not admissible to their second major choice will be placed in a BA program in W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the school's Advising SOS (https://students.wpcarey.asu.edu/advising-sos) platform.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/artificial-intelligence-business-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAAIBBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships (https://goglobal.asu.edu/), students gain valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-computer-information-systems) for students majoring in artificial intelligence in business.

Career opportunities

Graduates are equipped to make impactful, ethical changes in the business landscape. With this versatile degree, graduates are well-positioned to pursue a wide variety of roles:

- AI program manager: leading teams in the implementation of AI projects from conception to completion
- AI strategist: designing and implementing AI strategy within a company
- business consultant: helping organizations optimize operations and strategy
- data analyst: leveraging data to drive business decisions
- machine learning engineer: developing algorithms that allow computers to learn from data
- product manager: overseeing the development and launch of new tech products

Contact information

Department of Information Systems | BAC 601
https://wpcarey.asu.edu/information-systems-degrees
wpcareyis@asu.edu
480-965-3252

Business, BA (BABUSBA)

College/School: W. P. Carey School of Business

Campus: Polytechnic, Tempe, West Valley

Students interested in the BA in Business should apply directly to the concentration they are interested in.

Program description

The Bachelor of Arts program in business provides an innovative, transdisciplinary approach to learning that broadens career options upon graduation. Not only do students acquire a strong grounding in the principles of business, but they also immerse themselves in coursework outside the business school as a supplement to their degree.

Students in the program learn how to apply core business knowledge in one of the following disciplines:

• business (agribusiness innovation and technology)
• business administration
• communication
• corporate accounting
• food industry management

• global leadership
• global logistics management
• global politics
• health care
• human resources
• information security
• law
• language and cultures
• public service and public policy
• retail management
• sports business
• statistics
• sustainability
• technology
• tourism

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice are placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students cannot change their major to this degree program. Students should submit a request through the business school's advising website (https://students.wpcarey.asu.edu/advising-sos) to declare a business concentration. Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way business functions, study abroad programs (https://goglobal.asu.edu/) provide students with valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Business students can study abroad nearly anywhere in the world and participate in practical case studies in global business hubs.

Career opportunities

The W. P. Carey School of Business offers many concentrations, and graduates have options in a number of fields. Students should view specific concentrations for career opportunities information.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Agribusiness Innovation and Technology), BA (BABUSGAGBA)

College/School: W. P. Carey School of Business

Campus: Polytechnic

Program description

The agribusiness industry is increasingly competitive, sophisticated and global, driving demand for innovative leaders who understand the industry's distinct challenges and practices. The Bachelor of Arts program in business with a concentration in agribusiness innovation and technology teaches students the business of agricultural production,

finance, marketing and distribution.

Through a technology-rich, applied, industry-oriented curriculum that focuses on practical projects, students explore global agribusiness issues such as international trade, food safety and sustainability. It is specifically designed to meet the needs of students interested in studying the business aspects of agriculture in the domestic and global economy. Students learn to analyze and manage issues involved in food manufacturing, input and output supply activities, commodity trading and food distribution.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Environmental and Resource Management, MS

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable; scale is 4.00 = "A") and a cumulative ASU GPA of 3.00 (scale is 4.00 = "A").

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 (scale is 4.00 = "A") for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business website (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (https://students.wpcarey.asu.edu/advising-sos) platform.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGAGBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a

contemporary perspective on business applications worldwide. By participating in a Global Education program (https://goglobal.asu.edu/), students improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-global-agribusiness) for students majoring in agribusiness innovation and technology.

Career opportunities

Accounting for more than 50% of the global economy and employing 25% of Americans, agribusiness brings food from the farm to the global table. Possible career paths include positions with private agribusiness firms and government agencies in these fields:

- finance
- management
- marketing
- technology

Contact information

Morrison School of Agribusiness | SANTN 230
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-727-5183

Business (Business Administration), BA (BABUSBABA)

College/School: W. P. Carey School of Business

Campus: Polytechnic, West Valley, Online

Program description

In the Bachelor of Arts program in business with a concentration in business administration, students gain a breadth of knowledge and the skills needed for managing business operations.

The program provides the full business core plus 18 credit hours of concentration coursework focused on skills such as forecasting demand; planning inventory; purchasing services; conducting skillful negotiations; building strategies for the future; and managing people, finances and risk.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice are placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-business/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSBABA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in business administration. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Immersion in a foreign culture helps students gain a new perspective on how to effectively manage people, finances and risk for organizations of all sizes. A Global Education program (https://goglobal.asu.edu/) enables participating students to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-administration) for students majoring in business administration.

Career opportunities

Graduates are prepared to manage processes and people in a wide variety of industries. Career opportunities include these positions:

- administrative services manager
- business manager
- general and operations manager
- sales manager
- training and development manager

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Communication), BA (BABUSCBA)

College/School: W. P. Carey School of Business

Campus: Tempe, West Valley, Online

Program description

The Bachelor of Arts in business with a concentration in communication is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and communication play an important role in ensuring success.

Students complete rigorous courses within the communication concentration, in addition to the skill and core courses required of all W. P. Carey School of business majors.

Graduates have specific knowledge of business practices and the capacity to effectively communicate complex business information.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Communication, MA

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the following W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-communication/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to business communication majors. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Understanding how to collaborate with diverse peers, persuade and negotiate, manage and work in a variety of teams, and connect with actual customers helps students influence business success through effective communication. A Global Education program (https://goglobal.asu.edu/) contributes to students' success by enabling them to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-communication) for students majoring in business communication.

Career opportunities

Business communication has exploded as a distinct professional field as companies require rapid and considered responses, conveying ordinary information as well as disseminating crisis communications. Historically, these positions have been staffed with people who are trained in communication, English, journalism or other fields but lack specific business knowledge. Graduates of this program are qualified to enter these positions with knowledge that is useful immediately to potential employers and can quickly advance graduates' careers.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Corporate Accounting), BA (BABUSCABA)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

The Bachelor of Arts program in business with a concentration in corporate accounting addresses the educational needs of many students who have an interest in accounting but do not plan to enter public accounting.

Managerial accounting is the emphasis of this program. The six major courses in the concentration prepare students for corporate accounting positions by helping them develop skills in strategic financial planning, control, corporate compliance and decision-making.

Upon completion of the program, students may take the Certified Management Accountant exam.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

This program is not available to students with BA, Bachelor of Science or Master of Science degrees in accountancy.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice are placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business website (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos). This program is not available to students who already hold a BA, BS or MS degree in accountancy.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-corporate-accounting/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCABA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in corporate accounting. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. International experiences help students understand international accounting methods and grow their portfolio of marketable business skills, making them a competitive candidate in the corporate accounting industry. A Global Education program (https://goglobal.asu.edu/) contributes to students' success by enabling them to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-corporate-accounting) for students majoring in corporate accounting.

Career opportunities

Career opportunities are generally substantive, and graduates are in high demand. Senior management roles for corporate accountants include chief financial officer. Currently, more than half of CFOs at larger corporations have formal accounting training. The longer term projected trend is for CFOs to have extensive corporate accounting training, particularly given that CFOs at public U.S. corporations personally sign financial statements.

Typical early- to mid-career positions held by corporate accountants include controller, treasurer and vice president in areas such as financial planning, divisional controlling, cost accounting directing, senior financial analysis and senior accounting. Individuals in these positions typically report to the CFO.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Financial Planning), BA (BABUSFPBA)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

The Bachelor of Arts program in business with a concentration in financial planning provides students with knowledge and experience in personal financial planning.

Students learn the necessary skills in finance, taxes, portfolio management, insurance and estate planning from leading faculty.

This program delivers to the next generation of financial planning professionals the knowledge and skills needed to develop solutions that meet clients' personal financial needs.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable; scale is 4.00 = "A") and a cumulative ASU GPA of 3.00 (scale is 4.00 = "A") .

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 (scale is 4.00 = "A") for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the following W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the W. P. Carey School of Business advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/financial-planning-business/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSFPBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, financial planning students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-financial-planning) for students majoring in financial planning.

Career opportunities

Financial planners are in high demand in the dynamic field of financial services and planning. Aging populations are paying closer attention to their finances as they approach retirement, and the rising need for financial planning services and advisors translates into huge opportunities for careers in this growing market. Employment of personal financial advisors is projected to grow 17% between 2023 and 2033, much faster than the average for all occupations.

Graduates of the BA program in business with a concentration in financial planning can secure employment in the growing field of financial services and planning.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Dean, W.P. Carey School of Business | BAC 316
https://wpcarey.asu.edu/undergraduate
wpcareyfin@asu.edu
480-965-3131

Business (Food Industry Management), BA (BABUSFIMBA)

College/School: W. P. Carey School of Business

Campus: Polytechnic, Online

Program description

The Bachelor of Arts program in business with a concentration in food industry management provides students with the knowledge and skills needed for leadership roles in the global food industry.

The program has been developed in close coordination with partners in the food industry and provides the full business core plus 21 credit hours of food industry coursework.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable; scale is 4.00 = "A") and a cumulative ASU GPA of 3.00 (scale is 4.00 = "A").

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 (scale is 4.00 = "A") for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business website (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) to determine if they meet change of major requirements. Students ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-food-industry-management/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSFIMBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization and growing populations continue to impact the way the world lives and works, international experiences have become vital to success in food industry management. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a contemporary perspective on business applications worldwide. Understanding global trends as consumer tastes and needs change helps students be more prepared and competitive leaders in a variety of food industry firms and organizations. Through participation in a Global Education program (https://goglobal.asu.edu/), students improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs for students majoring in food industry management (https://goglobal.asu.edu/students/major/wp-carey/food-industry-management).

Career opportunities

Graduates with this concentration in food industry management are prepared for business careers in the food industry, which is defined as the group of firms and organizations involved with manufacturing, marketing and distributing food beyond the farm to retail stores, restaurants, and institutions such as schools and hospitals. The industry is becoming increasingly competitive, sophisticated and global, and it shows a growing demand for professional management: One in six people are employed in the food industry nationwide, with 100,000 in Arizona.

Contact information

Morrison School of Agribusiness | SANTN 230
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-727-5183

Business (Global Leadership), BA (BABUSGBA)

College/School: W. P. Carey School of Business

Campus: Online

Program description

The Bachelor of Arts program in business with a concentration in global leadership prepares students for careers in the global business environment.

Students develop strong business skills through global studies courses that cover a variety of world regions. They also may choose to participate in an international study experience in countries around the world.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable; scale is 4.00 = "A") and a cumulative ASU GPA of 3.00 (scale is 4.00 = "A").

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 (scale is 4.00 = "A") for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to this W. P. Carey School of Business webpage (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-leadership/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success, especially in global leadership. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Through their courses, students become versed in cultural sensitivity and awareness, understanding and bridging cultural divides, and leveraging diversity for business gains. In applying these lessons through international experiences, students become more competitive and prepared global leaders. A Global Education program (https://goglobal.asu.edu/) contributes to students' success by enabling them to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-global-leadership) for students majoring in global leadership.

Career opportunities

A degree that incorporates solid business skills and global studies helps prepare students for employment in the global business world. Qualified students have opportunities to work either domestically or internationally in an international organization. This degree program augments the business and leadership skills necessary in most corporations.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Global Logistics Management), BA (BABUSGLBA)

College/School: W. P. Carey School of Business

Campus: West Valley, Online

Program description

Logistics management focuses on the integration and partnerships necessary to meet customer needs on a timely basis, with relevant and high-quality products produced and delivered in a service-effective manner.

The Bachelor of Arts program in business with a concentration in global logistics management trains students to be strategic thinkers, excellent analysts, effective communicators and team leaders who are focused on efficiency, effectiveness and increasing revenue.

An efficient logistics management system is critical to the success of global corporations, ensuring that the supply of goods and services flowing through the system closely matches the demand. Logistics management professionals manage, coordinate and transport products from raw materials to the finished goods that sit on a local store shelf or are offered by an online retailer. Efficient logistics is a key reason that consumers can buy an ever-increasing variety of goods and services at remarkably low prices. Not surprisingly, logistics also plays a major role in the health care industry, where efficient, effective delivery systems are gaining significant traction.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable; scale is 4.00 = "A") and a cumulative ASU GPA of 3.00 (scale is 4.00 = "A").

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 (scale is 4.00 = "A") for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students

ready to change their major should submit their request through the business school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-logistics-management/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGLBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Participation in a Global Education program (https://goglobal.asu.edu/) enables students to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/students/major/wp-carey/global-logistics-management) for students majoring in global logistics management.

Career opportunities

Logistics management professionals hold a range of job titles and engage in a wide variety of activities in the private, nonprofit and government sectors. Apple and Walmart CEOs previously held logistics-related positions at those organizations. This demonstrates the high value of leaders who understand the importance of logistics for enterprise success.

Contact information

Department of Supply Chain Management | FAB N106
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-6044

Business (Global Politics), BA (BABUSGPBA)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

In the Bachelor of Arts program in business with a concentration in global politics, students learn solid business skills with a global perspective, enabling them to realize and analyze the relationship between business and social science.

Students complete the rigorous courses within the global politics concentration, in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable; scale is 4.00 = "A") and a cumulative ASU GPA of 3.00 (scale is 4.00 = "A").

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 (scale is 4.00 = "A") for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to this W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) webpage to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGPBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way business functions, study abroad programs (https://goglobal.asu.edu/) offer vital experiences, providing business students with opportunities to practice cultural competency-building for global business success.

Students gain valuable skills that employers are looking for, including communication skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-global-politics) for students majoring in business with a concentration in global politics.

Career opportunities

Graduates of the global politics concentration think critically about global problems and integrate inquiry and action to become responsible leaders. Successful graduates have a firm understanding of how the relationship between a local marketplace and politics can impact global decisions. They are prepared to successfully launch careers in many fields, including:

- campaign and issue management
- information analysis
- public relations

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Health Care), BA (BABUSHCBA)

College/School: W. P. Carey School of Business

Campus: West Valley

Program description

The Bachelor of Arts program in business with a concentration in health care prepares students to operate within the challenging and dynamic health care industry. Students develop skills and acquire knowledge through one of the program's five specialized tracks: health care analytics, communication, coordination, innovation and delivery.

Students in this program gain core business skills, such as in computer information systems, accounting, basic economic theory, finance, management, marketing and supply chain management, as well as in-depth knowledge related to the business of health care.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable; scale is 4.00 = "A") and a cumulative ASU GPA of 3.00 (scale is 4.00 = "A").

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 (scale is 4.00 = "A") for all transfer coursework and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students

who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSHCBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to our health care communities across the world. Through international study and internships, students can gain valuable skills that employers are seeking: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Immersion in a foreign culture helps students gain a new perspective on how to provide critical health care to diverse populations of various backgrounds. A Global Education program (https://goglobal.asu.edu/) contributes to this work by enabling participating students to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-health-care) for students majoring in business with a concentration in health care.

Career opportunities

Graduates have the ability to understand different stakeholders in complex environments. They are prepared for careers in health care management, administration, access, analytics and policy-setting in public or private health care settings.

Contact information

Dean, W.P. Carey School of Business | FAB N106
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
602-543-6200

Business (Human Resources), BA (BABUSHRBA)

College/School: W. P. Carey School of Business

Campus: Polytechnic, Online

Program description

The Bachelor of Arts program in business with a concentration in human resources involves both theoretical and applied concepts, with a focus on practical and applied aspects of human resources.

Students obtain foundational knowledge in labor relations and labor law; workforce planning; artificial intelligence influences in the employment arena; and diversity, equity and inclusion (commonly abbreviated as DEI) practices; they also engage in a deep exploration of staffing, global HR, training and development, employment law, and compensation and benefits. Students have an opportunity to participate in an HR project internship as part of their coursework.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-business-human-resources/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSHRBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Participation in a Global Education program (https://goglobal.asu.edu/), through international study and internships, enables students to broaden their understanding of international business practices and gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-human-resources) for students majoring in human resources.

Career opportunities

Graduates have the knowledge, abilities and comprehensive set of skills to move into any business, industry or governmental organization and perform strategic human capital work as well as human resource technical work. As the national dialogue evolves regarding recruiting top talent, implementing robust DEI programming inside organizations, retaining and engaging workers, addressing employee relations and employment law concerns, implementing competitive and ethical compensation, and leveraging technology (i.e., automation, AI, etc.) in the workplace, the human resources profession remains highly relevant, and career opportunities continue to grow significantly.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Department of Management and Entrepreneurship | SANTN 230
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-727-5183

Business (Information Security), BA (BABUSISBA)

College/School: W. P. Carey School of Business

Campus: West Valley, Online

Program description

Data security has become an everyday part of business operations. Protecting key stakeholders and clients is essential for businesses of all sizes and types.

The Bachelor of Arts program in business with a concentration in information security provides students with core business skills as well as the basic critical and technical skills necessary to understand cyber threats, risks and security in the business setting. Students discover why data security and risk management are critical parts of daily business operations, and they learn about cyber infrastructure and information security in the context of startups and enterprises across industries.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and must meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/undergraduate/information-security-business-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSISBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital for businesses that rely on information technology and security. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Immersion in a foreign culture helps students gain a new perspective on how to manage digital business across borders with various organizations. A Global Education program (https://goglobal.asu.edu/) contributes to students' success by enabling them to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-information-security) for students majoring in information security.

Career opportunities

This is an ideal degree for those interested in opportunities in environments as diverse as small-business startups and large cybersecurity companies. Graduates are prepared to manage digital business, work in organizations that predominantly conduct business online, and develop basic information security technical competency relevant for most organizations.

Contact information

Dean, W.P. Carey School of Business | FAB N101
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
602-543-6200

Business (Language and Culture), BA (BABSLACUBA)

College/School: W. P. Carey School of Business

Campus: Tempe, West Valley

Program description

The Bachelor of Arts program in business with a concentration in language and culture is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and communication play an important role in ensuring success.

Students complete rigorous language courses in Chinese, French, Italian or Spanish --- in addition to the skill and core

courses required of all W. P. Carey School of Business students --- enabling them to become business professionals who can function well culturally and linguistically in the business environments of international and domestic markets.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABSLACUBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become essential to language and culture majors. They provide vital experiences to students, enabling them to build critical skills in navigating cultural customs and understanding the nuances of conducting international business. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide.

Nearly 90% of surveyed executive recruiters believe that bilingualism is critical to global business success, according to the Korn/Ferry International Executive Recruiter Index. A Global Education program (https://goglobal.asu.edu/) contributes to students' success by enabling them to improve their interpersonal and language skills while broadening

their understandings of international business practices.

The W. P. Carey School of Business recommends the language and culture administration global education program (https://goglobal.asu.edu/w-p-carey-language-and-culture), the Chinese language and culture administration global education program (https://goglobal.asu.edu/w-p-carey-chinese-language-and-culture) and the Spanish language and culture administration global education program (https://goglobal.asu.edu/w-p-carey-spanish-language-and-culture) for students majoring in language and culture.

Career opportunities

Graduates of this program are equipped to play a key role in companies and organizations that are seeking new markets or dealing with international interests domestically. The demand for multilingual business professionals is strong in the hotel and tourism industry and in consulting, banking and finance, international trade, sports management and media companies.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcadmissions@asu.edu
480-965-4227

Business (Law), BA (BABUSLBA)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

The Bachelor of Arts program in business with a concentration in law is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and law play an important role in ensuring success.

The law concentration, with its strong business background, gives students a systematic framework for analyzing actual legal regulation and corresponding business risks and liabilities. Students complete rigorous courses within the law concentration, in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/business-law-major/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSLBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way business functions, study abroad programs provide vital experiences to students, giving them opportunities to practice building cultural competency for global business success. Students gain valuable skills that employers seek, including communication skills, flexibility, motivation and a global perspective on business applications worldwide. Graduates of the law concentration have a firm understanding of how the relationship between a local marketplace and local laws can impact global decisions.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-law) for students majoring in business.

Career opportunities

Graduates of the law concentration pursue careers in the business world, and exposure to aspects of law and legal issues assists them in attaining their career goals. Graduates are prepared to use their skills in a variety of industries and in areas as diverse as new business ventures and corporate or agency compliance.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Public Service and Public Policy), BA (BABUSPBA)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The Bachelor of Arts program in business with a concentration in public service and public policy combines strong business skills with topics in public policy and public administration. Students learn about leading a public organization and the process of policy development. They also examine the public sector through multiple lenses and learn how to address its challenges in a practical way.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements.
Students ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSPBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way business functions, study abroad programs provide vital experiences to students. They gain valuable skills that employers are seeking, including communication skills, flexibility, motivation and a real-life perspective on business applications worldwide. Graduates of the public service and public policy concentration have a firm understanding of how the relationship between a local marketplace and public policy can impact global decisions.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-public-service-and-public-policy) for students majoring in business with a concentration in public service and public policy.

Career opportunities

Job opportunities in the public sector are increasing for graduates because of retiring workers and an increasing demand for public services. Through comprehensive coverage of topics in public policy and public administration, the program prepares students for work in public, nonprofit and private sectors.

The program also offers preparation for students who wish to pursue graduate degrees in:

law
nonprofit administration or other public service
policy-oriented areas
public administration
public policy

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Retail Management), BA (BABUSRBA)

College/School: W. P. Carey School of Business

Campus: Online

Program description

The Bachelor of Arts program in business with a concentration in retail management provides a business curriculum focused on the knowledge and skills needed for leadership roles in the retail industry.

The program has been developed in collaboration with faculty and industry professionals to provide a curriculum responsive to industry needs. Drawing on coursework from four areas in the concentration, the program offers the full business core plus 18 credit hours of retail-specific coursework, providing students with the broad preparation and leadership skills required today.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:

First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements.

Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the business school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-retail-management/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSRBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Participation in international study and internships through a Global Education program (https://goglobal.asu.edu/) enables business students to broaden their understanding of international business practices while gaining valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-retail-management) for students majoring in retail management.

Career opportunities

Graduates are ready to assume positions of responsibility in the retail industry. Several anticipated career opportunities for graduates are:

administrative services manager
business manager
food service manager
general and operations management
management analyst
operations specialist
purchasing or buying manager
sales manager
training and development manager
wholesale and manufacturing representative

Contact information

Department of Marketing | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Sports Business), BA (BABUSMSBA)

College/School: W. P. Carey School of Business

Campus: Tempe, West Valley, Online

Program description

The Bachelor of Arts program in business with a concentration in sports business is attractive to students with an interest in the sports industry.

Students acquire the skills necessary to build knowledge and understanding of the development of the strategic business process in sports organizations and its relationship to media. The program emphasizes practical aspects of the sports industry, particularly focusing on media and its influence on the field.

The proliferation of mass communication, including television, game systems and social networks, has transformed sports into a highly commercialized industry; in turn, sports continue to generate revenues for these businesses. The interaction between sports and media has led to a multitude of applications of business knowledge to these fields.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Entrepreneurship and Innovation, MS

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the business school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/sports-business-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSMSBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 programs in more than 65 countries (programs vary in length, from one week to one year), the Global Education Office (https://goglobal.asu.edu) makes study abroad possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Through global experiences, students gain valuable skills that employers seek, such as communication skills, flexibility, motivation and an international perspective on business applications worldwide.

Business students can study abroad nearly anywhere in the world, including in global business hubs. The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-sports-business) for students pursuing a concentration in sports business.

Career opportunities

Graduates with this concentration find opportunities in mass communication, including television, game systems and social networks. Career opportunities for graduates include these positions:

- administrative service manager

advertising and sponsorship salesperson
agent
business manager
event planner
management analyst
operations specialist
purchasing or buying manager
wholesale and manufacturing representative

Contact information

Department of Marketing | BAC 460
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-3621

Business (Statistics), BA (BABUSTABA)

College/School: W. P. Carey School of Business

Campus: West Valley

Program description

The Bachelor of Arts program in business with a concentration in statistics is designed for students interested in a curriculum that helps them develop solid business skills with an emphasis in mathematics and statistics. The program involves theoretical and applied statistics with a focus on practical and applied aspects of statistics.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTABA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through a Global Education program (https://goglobal.asu.edu/), students can gain valuable skills that employers are seeking: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Understanding statistical methods used internationally helps students become more well-rounded and competitive in their chosen field. A Global Education program contributes to students' success by enabling them to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-statistics) for students majoring in statistics.

Career opportunities

Graduates of this program are prepared for business or government positions in which they use statistics to help make decisions and solve problems. Potential opportunities include these positions:

- financial analyst
- market and survey researcher
- personal financial advisor
- statistician

Contact information

Dean, W.P. Carey School of Business | FAB N101
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
602-543-6200

Business (Sustainability), BA (BABUSSBA)

College/School: W. P. Carey School of Business

Campus: Polytechnic, Tempe, West Valley, Online

Program description

The Bachelor of Arts program in business with a concentration in sustainability is an innovative transdisciplinary program that combines the latest trends in business with cutting-edge knowledge of sustainability.

Students complete rigorous courses within the sustainability concentration, in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-sustainability/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSSBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to business sustainability majors. Through a Global Education program (https://goglobal.asu.edu/), students gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Understanding global sustainability perspectives helps students rethink the nature of business and allows them to gain the knowledge necessary to influence growth, improve returns on capital and improve risk management through sustainability. Participating in a Global Education program contributes to this knowledge by enabling students to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-sustainability) for students majoring in sustainability.

Career opportunities

Graduates are prepared for positions in a variety of professions in which both business and sustainability play important roles. Finding ways to grow and prosper while reducing the stress on the global environment is a critical issue facing society. Interest in sustainability issues is growing and very likely will be increasingly important to business in the next few years.

People around the world are asking serious questions about how they can understand, evaluate and act on issues related to sustainability while making sensible business decisions for the present and the future. Qualified individuals are needed who understand that ensuring success involves the societal, scientific and business aspects of the issues, and graduates of this program address this need.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business (Technology), BA (BABUSTCBA)

College/School: W. P. Carey School of Business

Campus: Polytechnic

Program description

The Bachelor of Arts program in business with a concentration in technology is an innovative, transdisciplinary degree program that prepares students for positions in a variety of professions in which business and technology play an important role.

This program incorporates business knowledge and a strong skill set in technology and is designed to help students realize and analyze the relationship between business and technology.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied

business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTCBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. A Global Education program (https://goglobal.asu.edu/) contributes to students' success by enabling them to improve their interpersonal and language skills while they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-technology) for students majoring in business technology.

Career opportunities

Graduates with a bachelor's degree in business with a concentration in technology bring a solid background in business to technology companies; their technological skills can also be applied in a variety of industries.

Contact information

Dean, W.P. Carey School of Business | SANTN 230
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-727-5183

Business (Tourism), BA (BABUSTBA)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

The Bachelor of Arts in business with a concentration in tourism is an innovative transdisciplinary program that prepares students for positions in a variety of professions in which business and tourism play important roles.

Students complete rigorous courses within the tourism concentration, in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Developing tourism and recreation opportunities requires an understanding of effective marketing techniques and the ability to interact with many different types of businesses that support those efforts.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in the BA program in applied business and technology solutions in W. P. Carey School of Business, which is offered via ASU Online as well as at the Polytechnic and West Valley campus locations. Students not interested in that program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance in selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements.
Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-tourism/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, study abroad programs (https://goglobal.asu.edu/) provide students with valuable skills that employers are seeking, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Business students can study abroad nearly anywhere in the world to gain practical, hands-on experience and learn how tourism impacts the local and global economy and best practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-tourism) for students majoring in business with a concentration in tourism.

Career opportunities

Tourism management and development combines marketing and economic development with an emphasis on managerial understanding to promote smooth operations. With solid academic preparation in business, graduates are positioned for success in the tourism industry and affiliated professions. The skills acquired from exposure to both business and tourism courses make graduates more marketable and productive in their careers.

Contact information

Dean, W.P. Carey School of Business | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Business Data Analytics, BS (BABDABS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

In the Bachelor of Science program in business data analytics, business students gain the requisite knowledge, skills and experience to create and manage big data initiatives and associated business processes to facilitate large-scale business data analytics in organizations.

Students learn organizational and technical competencies to implement data gathering, cleansing, integration and modeling tasks, as well as data asset analysis for business applications. The program covers data warehousing, dimensional modeling, big data analytics methods, and visualization tools and techniques, and it introduces topics such as data mining and predictive analytics.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Business Analytics, MS

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:

First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should review W. P. Carey School of Business minimum requirements (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-business-data-analytics/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABDABS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to business data analytics students. Through international study and internships, students can gain valuable skills that employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. International experiences can help students understand new perspectives in the use of data on an international scale. Business data analytics students in particular benefit from thinking about participating in a Global Education program (https://goglobal.asu.edu/) early in their program. Students can leverage global opportunities and learning, which are great assets as students prepare for internships; students also can share these unique experiences with recruiters.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-data-analytics) for students majoring in business data analytics.

Career opportunities

The demand for employees with business analytics skills is strong; the Occupational Information Network projects 35% growth in business intelligence analyst positions through 2032. The career table below shows additional details and lists other career opportunities that leverage a business analytics skill set.

Graduates can become data analysts, data architects, data visualization developers, data change agents and data operators. Many graduates serve as data architects, change agents and analytics tool suite operators for business and government.

Contact information

Department of Information Systems | BA 601
https://wpcarey.asu.edu/undergraduate
wpcareyis@asu.edu
480-965-3252

Business Entrepreneurship, BS (BABUENTBS)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The Bachelor of Science program in business entrepreneurship prepares students to identify, evaluate and develop entrepreneurial opportunities in existing companies or through new ventures.

The program emphasizes collaboration, leadership, communication and team-building as well as development of refined analytical, managerial and leadership skills appropriate for people who want to change the world through innovation. Students in the program frequently collaborate with students from across the university, for a breadth of understanding in all business disciplines and a depth of understanding in opportunity recognition, feasibility, management of resources and strategy.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Entrepreneurship and Innovation, MS

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:

First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business Bachelor of Arts program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's Bachelor of Arts programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in the W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUENTBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business, especially business entrepreneurship.

Global Education programs (https://goglobal.asu.edu/) can provide exposure to global startups and how different countries approach entrepreneurship. Through international study and internships, students can gain valuable skills

that employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. International experience help students learn to identify global market trends and opportunities, and strategically execute innovative entrepreneurial solutions that will ignite change and make an impact. Through participation in a Global Education program, students improve their interpersonal and language skills as they broaden their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-business-entrepreneurship) for students majoring in business entrepreneurship.

Career opportunities

Graduates of the program understand the unique requirements of an entrepreneur and have learned how to effectively identify market opportunities, innovative solutions and execution strategies. They may follow multiple self-directed paths, such as starting a new venture or nonprofit organization, working for a new venture or a small business, or taking a position as an innovative leader within an existing organization.

Contact information

Department of Management and Entrepreneurship | BA 318
https://wpcarey.asu.edu/undergraduate
wpcareymgt@asu.edu
480-965-3431

Business Exploratory, (BABUSEXP)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

Virtually every profession and organization uses business in some way. Business exploratory program students have an opportunity to explore a variety of areas in business before selecting one of these nine majors:

• accountancy
• business data analytics
• business entrepreneurship
• computer information systems
• economics
• finance
• management
• marketing
• supply chain management

Students have an opportunity to work with world-class faculty in an environment that values high-quality teaching.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The first-year admission standards for this major are higher than the university's first-year admission standards. First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer admission requirements: For students who hold 30 or more transfer credit hours after high school:
Students must have a transfer GPA of 3.00 and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR the student must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students are not permitted to change their major to this degree program. Students admitted to this exploratory program who are ready to declare their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSEXP~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through any of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students can gain valuable skills that employers are looking for: communication and interpersonal skills, as well as flexibility, motivation and a real-life perspective on business applications worldwide.

Career opportunities

Students in business exploratory have the opportunity to graduate from one of many Bachelor in Science programs in the W. P. Carey School of Business. Programs in the W. P. Carey School of Business provide students with the skills and knowledge needed in today's companies --- whether they are starting their own businesses or working in large multinational corporations. For career opportunities, students should see the options highlighted in those specific programs.

Additionally, many graduates attend some of the other top-tier graduate schools in the country in a variety of disciplines.

Contact information

Prebusiness Office | BA 160
https://wpcarey.asu.edu/undergraduate
wpcareyug@asu.edu
480-965-4227

Computer Information Systems, BS (BACISBS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

Computer information systems are part of every business and organization. In this Bachelor of Science program, students learn about the exciting and innovative ways that information technology is used to help organizations succeed.

Dedicated faculty members teach students how to design, build and maintain information systems that support business operations and managerial decision-making. In particular, students learn about business intelligence for competitive advantage, business process for workflow redesign, data management for decision-making, distributed systems for collaboration and globalization, enterprise integration for synergy, and project management and solution development for value creation.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Information Systems Management, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of their high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to wpcareyug@asu.edu (https://degrees.apps.asu.edu/bachelors/major/ASU00/BACISBS/wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/computer-information-systems-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BACISBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships (https://goglobal.asu.edu/), students gain valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-computer-information-systems) for students majoring in computer information systems.

Career opportunities

Currently, there is a shortage of information systems professionals, with many more jobs than qualified applicants. With a degree in computer information systems, graduates have limitless career choices. A computer information systems degree can lead to job opportunities in a variety of industries, including:

education
entertainment
finance
health care
national defense
transportation

Information systems are key components in the success of other functional business areas such as accounting, supply chain management, finance and marketing. Entry-level information systems positions include:

computer forensics analyst
database administrator
information systems consultant
information technology security manager
network administrator
project manager
software or systems developer
systems administrator
systems analyst

Long-term career aspirations for a graduate with a computer information systems degree could include:

chief executive officer
chief information officer
chief knowledge officer
chief security officer
chief technology officer

Contact information

Department of Information Systems | BAC 601
https://wpcarey.asu.edu/undergraduate
wpcareyis@asu.edu
480-965-3252

Economics, BS (BAECNBS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

Students in this Bachelor of Science program in economics choose from a variety of electives offered by the Department of Economics and many other ASU departments. All students are encouraged to develop programs of study tailored to individual needs and interests.

Students acquire the critical thinking and communication skills needed to succeed in business or graduate school. The program of study can also be tailored to prepare students for graduate programs in economics, business or law. Students interested in pursuing a doctorate in economics are strongly encouraged to minor or major in mathematics as well.

The department's mission is to provide the highest quality instruction to students, conduct advanced research in economics, and provide leadership and service to professional communities.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 270 Calculus with Analytic Geometry I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 ="A").

Transfer students should select an additional major when applying for admission. Additional choices may include any

of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the degree or campus location may reach out towpcareyug@asu.edu (mailto:wpcareyug@asu.edu)for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business website (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-wpc/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAECNBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students can see different economic systems play out in real time and gain valuable skills that employers seek, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs for students majoring in economics (https://goglobal.asu.edu/w-p-carey-economics).

Career opportunities

A major in economics provides students with the analytical and quantitative skills needed in careers in business, government and public policy.

Some graduates have taken positions as:

consultants who serve as advisors to state and federal governments and private corporations
corporate economists who collect data and make forecasts relevant to the firm's business
employees in banking and financial services firms

Each year, many graduates pursue further studies at other prestigious universities.

Contact information

Department of Economics | CRTVC 412
https://wpcarey.asu.edu/undergraduate
wpcareyecn@asu.edu
480-965-3531

Entrepreneurial Leadership, BA (BAENTLBA)

College/School: W. P. Carey School of Business

Campus: West Valley

Program description

The Bachelor of Arts program in entrepreneurial leadership prepares students to start, lead and manage entrepreneurial organizations for long-term success.

This program develops entrepreneurial-minded leaders who can effectively manage the value-creation process of existing small and medium-sized businesses, and manage new ventures. Students, through their coursework and internship opportunities, become leaders by developing a broad entrepreneurial mindset and leadership style that enables them to seize entrepreneurial opportunities. They can also develop and nurture those entrepreneurial opportunities within their organizations through the effective communication, team building, critical thinking and problem-solving skills learned in this program.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Entrepreneurship and Innovation, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors. Students ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos). Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAENTLBA~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way business functions, study abroad programs (https://goglobal.asu.edu/) provide students with valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

Business students can participate in Global Education programs nearly anywhere in the world and gain valuable internship experience in many global business hubs, such as Australia, Germany, England, Singapore, China and the United Arab Emirates.

Career opportunities

Graduates have a broad foundation in business and a focus on starting, leading and managing entrepreneurial organizations. Multiple career paths are available to graduates, including working in entrepreneurial-minded roles in existing organizations, and starting or joining new ventures and small businesses of all types.

Contact information

School of Technology,Innovation & Entrepreneurship | FAB N106
https://wpcarey.asu.edu/undergraduate
wpcareymgt@asu.edu
602-543-6200

Finance, BS (BAFINBS)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The Department of Finance has a rich tradition of educating leaders who excel in all aspects of the discipline of finance. Whether they aspire to ascend to the top ranks of the venture capital industry, execute multimillion-dollar real estate

deals or become successful entrepreneurs with their own ideas and drive, students in the Bachelor of Science program in finance are equipped to succeed.

In particular, the Investment Banking Industry Scholars program mentors students interested in going to Wall Street. The student investment management fund provides undergraduates with the opportunity to manage an actual investment portfolio worth hundreds of thousands of dollars.

Finance department faculty members are considered among the top researchers in the world due to their scholarly publications. The professional advisory board, comprising leading professionals from the financial services, manufacturing, energy, investment banking and real estate sectors, provides a sounding board for new ideas and is a job resource for top graduates.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Finance, MS

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAFINBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students gain valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-finance) for students majoring in finance.

Career opportunities

Graduates are prepared for careers in:

- consulting
- corporate financial management
- depository institutions
- financial services
- investment banking
- investment management
- portfolio analysis

Contact information

Department of Finance | BAC 501
https://wpcarey.asu.edu/undergraduate
wpcareyfin@asu.edu
480-965-3131

Financial Technology, BS (BAFINTBS)

College/School: W. P. Carey School of Business

Campus: Polytechnic

Program description

Financial technology, commonly referred to as fintech, is a rapidly growing field that has revolutionized financial services. The permeation of technology into traditional banks and financial services firms and the use of technology to improve financial services have led to more efficient, convenient and accessible financial products for consumers and businesses alike, opening opportunities for innovation across the financial sector.

In the Bachelor of Science program in financial technology, students develop an understanding of key concepts, technologies and trends shaping the industry, and they learn to analyze and evaluate the opportunities and challenges presented by financial technology innovations. Students develop critical thinking and problem-solving skills to help them effectively apply solutions to practical challenges.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of their high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAFINTBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students gain valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Business students can participate in Global Education programs (https://goglobal.asu.edu/) nearly anywhere in the world and gain valuable internship experience in many global business hubs.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/students/major/wpcarey) for students majoring in financial technology.

Career opportunities

Graduates are equipped to contribute to the financial services landscape through work in a variety of areas, including developing new payment systems, improving security in financial institutions, and using data analysis to make investment decisions, often using next-generation technologies such as machine learning and blockchain. With this versatile degree, graduates are well-positioned to pursue a wide variety of roles such as:

financial analyst: leveraging data to drive investment recommendations and decisions
financial examiner: ensuring compliance with laws and regulations that govern financial and securities institutions and transactions
financial quantitative analyst: developing analytical tools to construct optimal portfolios, measure performance and attribution, or model prices
financial risk specialist: quantifying risk to assets, the earning capacity and success of an organization
software developer: writing, updating and maintaining computer programs or software packages for new financial products and solutions

Contact information

Department of Finance | SANTN 230
https://wpcarey.asu.edu/undergraduate
wpcareyfin@asu.edu
480-727-5183

Logistics (Maritime), AS (BALGMARAS)

College/School: W. P. Carey School of Business

Campus: Online

Program description

The Associate of Science program in logistics with a concentration in maritime applications uses interdisciplinary methods to prepare students to become maritime logistics professionals across all sectors: private, nonprofit,

government and military. Designed for a partnership with the U.S. Naval Community College, the program provides training to enlisted personnel (Navy, Marines and Coast Guard).

Students in this program examine the theories, concepts and components of logistics, with particular attention to serving and supporting maritime and military logistics operations. Students also gain an understanding of logistics and supply chain management, and they develop the communication, financial management and accounting, analytics and managerial skills necessary to be successful in maritime and military logistics, as well as in private industry.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students must be accepted to the U.S. Naval Community College to be admitted to this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates of this logistics program are prepared to advance in careers in military service and to succeed in further undergraduate study. The program prepares graduates for positions in the fields of transportation, distribution and warehousing, and purchasing.

Contact information

Prebusiness Office | USE 138
https://usncc.asu.edu/
CISAmilitaryVet@asu.edu
480-965-4464

Management, BS (BAMGTBS)

College/School: W. P. Carey School of Business

Campus: Polytechnic, Tempe, West Valley, Online

Program description

The Bachelor of Science program in management prepares students to become effective managers and team leaders. Students gain theoretical and conceptual knowledge and build critical skills such as:

• analytical research and problem-solving
• communication
• critical thinking
• global awareness

• leadership
• personal ethics and integrity
• teamwork

The curriculum includes the fundamentals of the global economy, the world of e-business, ethics, human resources, strategic management and collaborative team skills. Throughout the program, theories and concepts of management and ethical leadership are enhanced by experiencing and testing them in skill-based exercises, case discussions and practical, team-based project work.

The management major prepares students to face:

• corporate accountability
• cross-functional management
• demands for continuous process improvements to enhance the value chain
• ethical decision-making
• the fast pace of e-business
• growing technological sophistication
• the need for skills in communicating and working with people, directing projects and managing change
• racial, cultural and gender diversity in the workforce

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of their high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students who are ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-management/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMGTBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students gain valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation, and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-management) for students majoring in management.

Career opportunities

Graduates with a BS in management are likely to be recruited by:

- for-profit and nonprofit organizations
- high-tech firms
- large and small organizations
- management consulting firms
- service and manufacturing firms

Contact information

Department of Management and Entrepreneurship | BA 318
https://wpcarey.asu.edu/undergraduate
wpcareymgt@asu.edu
480-965-3431

Marketing, BS (BAMKTBS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

Students pursuing the Bachelor of Science in marketing gain an understanding of the science behind consumer behavior and the critical role that marketing plays in all organizations. In addition, students develop marketing skills that provide a competitive advantage in their careers.

The nationally ranked and award-winning marketing faculty share a passion for teaching and mentoring undergraduate students. Faculty members provide many productive ways for students to get involved in the life of the department and work with business partners.

The department is home to the Center for Services Leadership, the premier international center for the study of the science of services, and offers distinctive coursework in professional sales, relationship management and sports business.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of their high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-marketing/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKTBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to a successful career for marketing majors. Through more than 300 available Global Education programs (https://goglobal.asu.edu/), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a practical perspective on business applications worldwide. Understanding how cultural norms and values impact the marketing of goods and services in an international context makes graduates a valuable contributor to many marketing careers.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-marketing) for students majoring in marketing.

Career opportunities

The degree program provides fundamentals, flexibility and specialization opportunities, and through the proper selection of coursework and other educational experiences, a marketing graduate may prepare for a variety of careers in areas such as:

- business development
- business-to-business marketing
- customer relationship management
- international marketing
- market research and information management
- marketing communications
- professional sales and relationship management
- retail management
- sales management
- services marketing

Contact information

Department of Marketing | BAC 460
https://wpcarey.asu.edu/undergraduate

wpcareymkt@asu.edu
480-965-3621

Marketing (Digital), BS (BAMKDIMCBS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

This program's name has changed effective Fall 2025. The previous concentration name was Digital and Integrated Marketing Communications.

Program description

The digital concentration builds on the knowledge provided in the Bachelor of Science in marketing major program and prepares marketing students with specialized knowledge and training in the areas of advertising, brand management and digital marketing.

In this program, students gain specialized expertise in an area that is growing in importance in the marketplace.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/marketing-digital/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKDIMCBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to a successful career for marketing majors. Through any of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students can gain valuable skills employers are looking for: communication and interpersonal skills, as well as flexibility, motivation and a real-life perspective on business applications worldwide. Understanding how cultural norms and values impact the marketing of goods and services in an international context makes the graduate a valuable contributor in many marketing environments.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-marketing) for students majoring in marketing.

Career opportunities

The digital concentration program equips graduates with knowledge in the marketing communications area. Graduates are well prepared to assume jobs in the areas of advertising, brand management and digital marketing. While the number and quality of job opportunities in advertising and brand management are relatively small, the number of entry-level positions in digital marketing has exploded. A sampling of career opportunities includes:

- digital account manager
- digital marketing analyst
- digital marketing coordinator
- digital marketing specialist
- electronic marketing specialist

Contact information

Department of Marketing | BAC 460
https://wpcarey.asu.edu/undergraduate
wpcareymkt@asu.edu
480-965-3621

Marketing (Professional Sales), BS (BAMKTPSBS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

The Bachelor of Science program in marketing with a concentration in professional sales is designed for undergraduate marketing students who are interested in pursuing the many opportunities in professional sales.

The curriculum includes courses in professional sales as well as sales management and consumer behavior.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should refer to the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/marketing-professional-sales/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKTPSBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to a successful career for marketing majors. Through more than 300 available Global Education programs (https://goglobal.asu.edu/), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a practical perspective on business applications worldwide. Understanding how cultural norms and values impact the marketing of goods and services in an international context makes graduates a valuable contributor to many marketing careers.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-marketing) for students majoring in marketing.

Career opportunities

The number of employers interested in hiring professionals for sales roles far exceeds the number of students who are pursuing career opportunities in sales.

Graduates are prepared for careers in account management across a variety of industries in the business-to-business and consumer products domains.

Contact information

Department of Marketing | BAC 460
https://wpcarey.asu.edu/undergraduate
wpcareymkt@asu.edu
480-965-3621

Real Estate and Applied Finance, BS (BAREAFBS)

College/School: W. P. Carey School of Business

Campus: Tempe

Program description

The Bachelor of Science program in real estate and applied finance provides students the real estate knowledge and finance skills necessary to contribute and succeed in these complex, interrelated industries. Through a combination of coursework, practical projects and immersive experiential learning, students develop a strong foundation in both theory and practice. They also develop critical thinking and problem-solving skills to help them effectively apply solutions to industry challenges.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: 1230 SAT Reasoning or 25 ACT score, or graduated in the top 8% of high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank, and they must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or 25 ACT score, or graduated in the top 8% of their high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine if they meet change of major requirements. Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAREAFBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Business students can participate in Global Education programs (https://goglobal.asu.edu/) nearly anywhere in the world and gain valuable internship experience in many global business hubs.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/students/major/wpcarey) for students majoring in real estate and applied finance.

Career opportunities

Graduates are equipped with the knowledge and skills necessary to thrive in the competitive and evolving industries of real estate investment, development and finance. They are prepared for a variety of career paths in real estate investment, commercial and residential brokerage, property management, real estate development, and with banks, government agencies and consulting firms.

According to the Bureau of Labor Statistics, salaries in real estate range from approximately $70,000 to $108,000 (May 2023). In addition to examples in the table below, graduates may work in the following areas, which have median salaries as listed:

land subdivision: $108,240
project management (non-residential): $108,380
project management (residential): $85,260

Additionally, those interested in pursuing advanced studies or professional certifications in real estate, finance, law or related fields have been provided a solid foundation for further study by this program.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Department of Finance | BAC 501
https://wpcarey.asu.edu/undergraduate
wpcareyfin@asu.edu
480-965-9418

Supply Chain Management, BS (BASCMBS)

College/School: W. P. Carey School of Business

Campus: Tempe, Online

Program description

Supply chain managers play a crucial role in coordinating the seamless flow of goods and services, from raw material procurement to the delivery of final products to consumers. In today's globalized marketplace, where supply chains span multiple vendors and geographical regions, effective supply chain management is essential for ensuring timely delivery, cost efficiency and customer satisfaction.

The Bachelor of Science program in supply chain management offers students a comprehensive understanding of integrated supply chain management principles and practices. Rooted in theoretical frameworks and practical applications, the curriculum encompasses a wide variety of topics, including:

• execution systems
• logistics
• negotiations
• operations management
• planning
• procurement
• strategy development

By integrating these topics with quantitative methodologies such as statistical modeling, data warehousing, data mining, programming, forecasting, operations research techniques, optimization, stochastic modeling, operations analysis, and design and prototyping, students gain a comprehensive understanding of how to leverage data-driven insights. They also acquire advanced analytical tools to optimize supply chain performance and drive strategic decision-making.

Classes are kept small to foster a collaborative learning environment, enabling students to engage actively with faculty and peers. Through hands-on projects and practical case studies, students have the opportunity to apply theoretical concepts to practical scenarios, bringing the material to life and gaining valuable insights into industry best practices.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Supply Chain Management, MS

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Business Analytics, MS

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission requirements: Students must have a score of 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business Bachelor of Arts programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer admission requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) or

25 ACT score, or must have graduated in the top 8% of their high school class, or have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a BA program in the W. P. Carey School of Business. Students not interested in the program or campus location may reach out to wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance selecting another degree program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students should visit the W. P. Carey School of Business (https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors) website to determine whether they meet change of major requirements. Students who are ready to change their major should submit their request through the advising website (https://students.wpcarey.asu.edu/advising-sos).
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/supply-chain-management-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BASCMBS~null&college=CBA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experience has become vital to success in every field of business. Through international study and internships (https://goglobal.asu.edu/), students gain valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (https://goglobal.asu.edu/w-p-carey-supply-chain-management) for students majoring in supply chain management.

Career opportunities

Career track progression could lead to the vice president level in supply chain-related areas. Graduates of this program are recruited by firms around the world and in all sectors of the economy, including:

- health care
- manufacturing
- public and private
- retail
- service

Graduates of this program are highly sought-after and have excellent placements. Positions that supply chain management graduates have obtained include:

- buyer or planner
- distribution manager
- internet marketing analyst
- inventory specialist
- logistics planner
- materials manager
- operations planner or analyst
- planner or analyst
- production coordinator
- supply management analyst

Contact information

Department of Supply Chain Management | BA 445
https://wpcarey.asu.edu/undergraduate
wpcarey.scm@asu.edu
480-965-6044

Design and the Arts, Herberger Institute for

Apparel Technical Design, AA (HIATDAA)

College/School: Herberger Institute for Design and the Arts

Campus: ASU at Los Angeles

This program is not accepting applications at this time.

Program description

The Associate of Arts program in apparel technical design is a distinctly professional, hands-on degree program that prepares students for a dynamic career in the fashion industry. Students gain key skills sought across this global industry, such as flat and digital patternmaking and development, technical design, garment construction, technology for design, tech pack making and fit analysis.

Studio and lecture courses guide students in developing a strong foundation of industry acumen, design aesthetics, and garment and pattern construction valuable for technical design career paths. All courses are embedded within the principles of sustainability, producing the next generation of environmentally conscious industry leaders.

Los Angeles location
Students interested in using GI Bill® benefits should consider another ASU program.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors to another associate degree program. Students who wish to change to a bachelor's degree program should talk to their academic advisor.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIATDAA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Career opportunities

Graduates are prepared for careers such as patternmaker, technical designer, garment construction worker and apparel production manager.

Contact information

ASU FIDM | ART 151
https://asufidm.asu.edu/bachelors-degrees/majorinfo/HIATDAA/undergrad/false/5
asufidm@asu.edu
480-965-8521

Architectural Studies, BSD (ARSTDBSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description

The preprofessional Bachelor of Science in Design program in architectural studies offered by The Design School helps students understand architecture as both a cultural expression and technical achievement, and it offers an interdisciplinary approach to architecture.

Students are prepared for alternative practices with architecture firms and in related fields such as landscape architecture, engineering, art, construction, urban planning, urban design and historic preservation, or for graduate studies in the professional Master of Architecture program, in business fields or in law.

This program offers two possible paths: cross-disciplinary focus and professional focus. For the first three years, all students take two project-topic courses yearly, together with other classes, to develop their skills. In the third year, students intending to pursue professional licensure as a registered architect must declare to their advisor their interest in pursuing the professional focus.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors into this program and would be new to this major must have a minimum cumulative GPA of 2.75 and understand their GPA must be brought up to a 3.00 or above within one semester to remain in good standing. An ASU student who is returning to this major (having previously studied this major in a prior semester) must have a minimum cumulative GPA of 3.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/architecture-bachelors/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARSTDBSD~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Develop design fundamentals in the context of diverse visual settings, demonstrating familiarity with their understanding of their core principles.
- Critically evaluate their designs and methodology to develop visual works that convey messages to broad audiences.
- Develop skills to creatively address ecological, cultural and social issues.

Global opportunities

Global experience: International experiences supplement a major in architectural studies while also introducing students to new cultures, skills and perspectives. Whether in a foreign country, in the U.S. or online, students in architectural studies can learn about the complex differences between societies, which fosters a sense of empathy and understanding of the many ways people live in this world.

With more than 300 options available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their interests and skill sets. The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/architectural-studies) for students majoring in architectural studies.

Career opportunities

Graduates of the bachelor's degree program are prepared for graduate school as well as a range of design-related careers.

Those who wish to become licensed can complete their professional studies by attending an accredited professional master's degree program. The Design School offers a two-year professional MArch degree for graduates of the undergraduate program.

Contact information

The Design School | CDS 101
https://design.asu.edu
herbergeradmissions@asu.edu
480-965-4495

Art (Animation), BFA (HIARTANBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Bachelor of Fine Arts program in art with a concentration in animation, students acquire a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Animation students develop the ability to think critically and communicate through their art. Students learn a wide variety of approaches to advancing ideas and discourses, including 2D, 3D and stop-motion animation.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including independent animation filmmaking, computer-generated imagery, machine learning, VR and XR. Capstone research courses guide students through the process of developing a portfolio of completed works and provide students with practical experience presenting art in a variety of professional contexts.

In addition to classroom learning, the program is enriched by arts organizations and cultural institutions, which enable students to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the animation areas of study (https://art.asu.edu/degree-programs/animation) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Design (Experience Design), MSD

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTANBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other commercial venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable

career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in global education programs learn to adapt and persevere, growing along the way.

Career opportunities

An art degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private spheres. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Possible positions include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Animation graduates work within the realms of film, television, special effects, games and game development, augmented and virtual reality, fine arts, design, illustration, robotics, and scientific and data visualization. In recent years, job opportunities for multimedia artists, animators, and film and video creators have consistently increased nationwide. ASU alumni have pursued diverse career paths as animators, storyboard artists, 3D modelers, concept designers, creative directors, graphic artists, multimedia designers and educators, among others.

Contact information

School of Art | ART 102
https://art.asu.edu/
herbergeradvising@asu.edu
480-965-8521

Art (Art Education), BFA (FAARTEBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Fine Arts program in art with a concentration in art education provides students with creative teaching and learning processes and strategies, firsthand experience teaching art for a range of ages, an understanding of the study of art history and global cultures, and practice in a variety of studio areas offered in the School of Art. Art education students learn about K--12 education in public, community and museum settings. Distinguished faculty members provide expertise across an array of areas within the field of art education, including culturally relevant pedagogies, conceptual and creative curriculum design, and emerging inquiry-based learning approaches for diverse populations.

Courses explore art education from multiple perspectives, including critical thinking, inquiry-based learning, interdisciplinary curriculum development, multicultural contexts and studio art practices. Students gain knowledge and experience in pedagogical practice, curriculum design and arts integration. Capstone courses provide students with practical classroom teaching experience, resulting in a distinctive teaching and studio art portfolio that prepares them for a variety of professional contexts.

In addition to learning in the classroom, the program is also enriched by opportunities for internships and access to arts organizations and cultural institutions, which enables students to build their professional network. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art Galleries, the ASU Art

Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students can visit the art education areas of study (https://art.asu.edu/degree-programs/art-education) webpage to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow them on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students are admitted directly to the art education concentration upon admittance to the BFA program in art.

Transfer admission requirements: Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the art education concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester in which they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTEBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Understand historical and contemporary practices within the field of art education through the development of curriculum incorporating fine arts techniques for a range of settings and populations.
- Demonstrate professional preparedness, including writing an articulate statement of their teaching philosophy and assembling a documented cohesive body of pedagogical materials and creative work.
- Demonstrate effective teaching dispositions in the classroom through successful firsthand engagements with learners that meet established pedagogical standards with culturally responsive techniques and methods.

Global opportunities

Global experience: Creativity and inspiration find fuel during a study abroad program. Global experiences (https://goglobal.asu.edu/) provide a platform on which aspiring art educators develop and broaden the intercultural sensitivity, communication skills and leadership ability they then take into the classroom. Study abroad can prove to be a vital accompaniment to a concentration in art education.

Career opportunities

An arts degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private sphere. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Positions of employment include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide range of non-art applications.

Art education graduates find employment opportunities with charter schools, art museums, nonprofit art spaces, and recreational or community-oriented service groups that offer art instruction. Those who also complete the state certification requirements for an art specialist certificate may teach in public and private elementary schools, middle schools and high schools. Graduates who do not seek state certification may find opportunities for jobs with some charter schools, art museums, nonprofit art spaces and recreational or community-oriented service groups that offer art instruction. Many graduates of this program have gone on to exhibit in notable institutions and exhibitions, and have received prestigious grants and residency opportunities.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/art-education?dept=160343&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Art History), BA (FAARTHBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description
In the Bachelor of Arts program in art with a concentration in art history, students acquire a foundation in art and material culture that explores art history in aesthetic, economic, social and political contexts. Students learn to critically assess and analyze works of art from many periods and geographies. Their research practice draws connections between a variety of fields, including museum studies, archaeology, anthropology, media and performance studies, gender and ethnic studies, history, literature, philosophy and economics. Students learn about visual art, architecture, archeology, collecting, world film and the art market.

The curriculum emphasizes interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of art history, including ancient, African, Asian, Baroque, contemporary, Latin American, medieval, modern, Native American, Indian, Oceanian, pre-Columbian and Renaissance. Capstone courses guide students through the process of developing advanced research skills and methodologies for writing art history.

In addition to classroom learning, the program is enriched by arts organizations and cultural institutions, which provide students with opportunities to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the art history areas of study (https://art.asu.edu/degree-programs/art-history) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

First-year students applying to the Herberger Institute School of Art enter ASU as art exploratory majors in the School of Art. There is no portfolio review process for first-year-students at the time of admission to ASU.

Typically, students in their second year who are interested in studio art and art education submit a portfolio for review once they have completed their core requirements and are completing the last of the 12 hours of 200-level art requirements; students who are interested in art history or museum studies submit a declaration form in the semester in which they complete 30 hours.

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-art-history/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTHBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Distinguish significant works of art from different periods and cultures of Western and non-western art history.
- Demonstrate research skills in the field of art history.
- Synthesize art history research into written and oral communication.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in global education programs learn to adapt and persevere, growing along the way.

Career opportunities

An arts degree offers students a pathway to creative careers as artists, scholars and educators in the public and private sphere. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Positions of employment include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/art-history?dept=160344&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Art Studies), BA (FAARTSTDBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description

The Bachelor of Arts program in art with a concentration in art studies offers students a comprehensive education with a focus on individual creativity. This program features a flexible curriculum that allows students to tailor their studies to their specific artistic aspirations. Through courses in art history and contemporary arts practices, students explore a variety of disciplines, create original works of art, and develop skills that not only support a creative lifestyle but also enhance their academic and professional pursuits. The program is supported by distinguished faculty members with expertise across an array of processes, including animation, drawing, textiles, illustration, printmaking, painting, photography, floral arts and sculpture. Students gain both conceptual and material knowledge, and gain the practical experience of developing a distinctive body of work.

Students should visit the art studies areas of study (https://art.asu.edu/degree-programs/art-studies) page to learn

more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra or MAT 119 Finite Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

First-year applicants may apply directly to the art studies program; there is no portfolio review for this major.

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/art-studies-bachelors/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTSTDBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Participate in the process of making art and through this process will effectively visualize their ideas and build their creative thinking and problem-solving skills.
- Develop a comprehensive toolkit for self-promotion that positions them for success in the field of art and design.
- Articulate their place as artists in the contemporary field of art.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world, and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to develop and broaden their intercultural sensitivity, communication skills and leadership ability, and challenges them to think differently. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere, and they have a chance to look inside themselves in a way they haven't done before, growing their personal and professional self-confidence along the way.

Career opportunities

An art degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private spheres. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Possible positions include museum or gallery professional, art dealer, art director, private art instructor and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, and gaining admission to prestigious graduate programs across the nation.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/art-studies?dept=1622&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Art Therapy), BFA (HIARTATBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The art therapy program at ASU is the only Bachelor of Fine Arts program with a concentration in art therapy in the Southwest region of the United States. This program brings together mental health and artistic practice. Students are educated in art therapy concepts, methodologies and fundamental principles, as well as in the history and traditions of art production. Courses include art history, art education, art therapy, psychology, studio art and professional development, including internships, pro-practice, seminar and exhibitions.

All registered art therapists are required to gain board certification, which includes a master's degree in art therapy. The courses offered in this program meet the requirements for entry into credentialed American Art Therapy Association art therapy graduate programs, including the required 18 hours of undergraduate courses in psychology and 18 hours in studio art.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTATBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, art therapy students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Art therapy majors interested in study abroad are advised to consider programs focused on either psychology or art.

Career opportunities

Graduates are well positioned to work in community art programs, youth programs and other entry-level social service program positions as well as entry-level art therapy positions, including that of assistant. Graduates have the guidance and tools to advance their academic careers and pursue professional opportunities, including exhibitions, residencies and grants.

This program also prepares graduates for graduate study in art therapy --- required to become a registered art therapist --- and eventually gain board certification.

Contact information

School of Art | ART 151
https://art.asu.edu
soaadmin@asu.edu
480-965-8521

Art (Ceramics), BFA (FAARTCBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Bachelor of Fine Arts program in art with a concentration in ceramics, students acquire a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Students develop the ability to think critically and communicate through their art. Students learn a wide variety of approaches to advance ideas and discourses, including hand building, throwing, slip casting and China painting.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research, and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including pottery, sculpture, installation and performance. Capstone research courses guide students through the process of developing a portfolio of completed works and provide practical experience for presenting art in many professional contexts.

In addition to learning in the classroom, the program is enriched by arts organizations and cultural institutions; these provide students with the opportunity to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the ceramics areas of study (https://art.asu.edu/degree-programs/ceramics) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students are admitted directly to the ceramics concentration upon admittance to the BFA program in art.

Transfer admission requirements: Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the ceramics concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester in which they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTCBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and

resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will learn studio fine art techniques and contemporary practices within ceramics and gain the skills for critical writing and verbal analysis. Upon completion of the program, students will be able to demonstrate the technical artistic abilities and conceptual development necessary to create artworks for exhibitions in galleries, museums, festivals, etc. and to pursue advanced research in graduate ceramics programs.
- Students will learn to think critically and practically about their professional practice and develop a comprehensive toolkit for self-promotion positioning them for success in the field of art and design. This program prepares students to apply to selected graduate programs and pursue professional art opportunities, including exhibitions, residencies and grants. Graduates demonstrate academic awareness and professional preparedness.
- Upon completion of the program, students of the BFA program in art will be able to articulate how their work fits within the context of the art world holistically and within the ceramics program. Students will participate in a group BFA capstone exhibition with a professionally installed body of cohesive artwork, along with an artist statement that supports their work, and assemble a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles. With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in global education programs learn to adapt and persevere and grow along the way.

Career opportunities

An art degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private spheres. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Positions of employment include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/ceramics?dept=160346&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Digital Photography), BFA (HIARTDPBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Online

Program description

In the Bachelor of Fine Arts program in art with a concentration in digital photography, students acquire a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Digital photography students develop the ability to think critically and communicate through their art. Students learn a wide variety of approaches to advancing ideas and discourses, including digital workflow, image sequencing, digital compositing and alternative processes.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including photobooks, video art, portraiture and landscape. Capstone research courses guide students through the process of developing a portfolio of completed works and provide practical experience for presenting art in a variety of professional contexts.

In addition to classroom learning, the program is enriched by arts organizations and cultural institutions, which enable students to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the digital photography areas of study (https://asuonline.asu.edu/online-degree-programs/undergraduate/art-digital-photography-bfa) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/art-digital-photography-bfa/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTDPBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in global education programs learn to adapt and persevere, growing along the way.

Career opportunities

An art degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private spheres. Artists find employment as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Possible positions include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu

soaadmin@asu.edu
480-965-8521

Art (Drawing), BFA (FAARTDBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in drawing should apply to the painting and drawing concentration.

Program description

The Bachelor of Fine Arts program in art with a concentration in drawing offers a dynamic environment for creative and conceptual growth that promotes an active studio practice. The program's curriculum encourages a wide spectrum of approaches to painting and drawing techniques. Students develop proficiency through working from a variety of sources and subjects and a range of materials and processes. Faculty encourage students to develop their own unique artistic vision and critically assess imagery in context to the history of art and contemporary practices. Faculty emphasize critical concepts in their teaching and encourage research (https://art.asu.edu/research), interdisciplinary engagement and coursework from disciplines across the university.

Faculty provide students with professional mentorship regarding opportunities such as assistantships, internships, scholarships, residencies and exhibitions. Additionally, the School of Art galleries (https://art.asu.edu/galleries), the Ceramics Research Center and Archive (https://asuartmuseum.org/research-learning/ceramics-research-center-archive/) and the ASU Art Museum (https://asuartmuseum.org/) support a robust schedule of public exhibitions and visiting artist and scholar lectures. These events (https://art.asu.edu/events) offer students the opportunity to develop their knowledge and appreciation of contemporary art and culture while building a professional network. Further augmenting the curriculum are numerous internships (https://students.herbergerinstitute.asu.edu/creative-career-services/internships) offered by a wide range of arts organizations.

Graduates from the BFA program are prepared for the future with a portfolio of completed works that showcases their unique artistic vision. Capstone and research studio courses engage students intellectually and critically as they gain the practical experience of developing a distinctive body of work and presenting that work (https://art.asu.edu/research/student-work) in one of the School of Art galleries.

Students can visit the painting and drawing area of study page (https://art.asu.edu/degree-programs/drawing-painting) to learn more about the program and faculty.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 119 Finite Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Currently, all art students are admitted to ASU into the BA (art studies) program. They must complete a series of requirements that include foundational coursework to be eligible for study in one of the school's BFA degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning fall 2019, students are admitted directly to the drawing concentration upon admittance to the BFA program in art.

Transfer admission requirements: Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester in which they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning fall 2019, transfer students are admitted directly to the drawing concentration upon admittance to the Bachelor of Fine Arts program in art.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTDBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Global Education (https://goglobal.asu.edu/) programs provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the

world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to develop and broaden their intercultural sensitivity, communication skills and leadership ability, and challenges them to think differently. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere, and they are provided with a chance to look inside themselves in a way they haven't done before, growing their personal and professional self-confidence along the way.

Career opportunities

A degree in the arts offers students a pathway to a rich and varied choice of careers. School of Art programs prepare students to initiate creative careers as artists, scholars and educators in the public and private sphere.

Art graduates find employment opportunities as artists in the field, selling their works through commercial galleries and commissions and to private collectors; as museum or gallery professionals, art dealers and directors; as private school art teachers and college professors; and as community-based artists (venues might include health care settings, nonprofit agencies, and local and national public arts). Other options include working at arts agencies and public art programs or gaining admission to prestigious graduate programs across the nation.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/drawing-painting?dept=160342&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Expanded Arts), BFA (FAARTIBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Bachelor of Fine Arts program in art with a concentration in expanded arts, students acquire a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Expanded arts students learn to think critically and communicate through their art. Students learn a wide variety of approaches and gain proficiency in combining video, sculpture, sound, digital media, interaction, installation and performance to advance ideas and discourses.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including durational, immersive and context-specific art. Capstone research courses guide students through the process of developing a portfolio of completed works and provide practical experience for presenting art in many professional contexts.

In addition to learning in the classroom, the program is enriched by arts organizations and cultural institutions, which provide students the opportunity to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the expanded arts areas of study (https://art.asu.edu/degree-programs/expanded-arts) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students are admitted directly to the expanded arts concentration upon admittance to the BFA program in art.

Transfer admission requirements: Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the expanded arts concentration upon admittance to the Bachelor of Fine Arts program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester in which they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTIBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles. With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in global education programs learn to adapt and persevere, and grow along the way.

Career opportunities

An arts degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private sphere. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Possible positions include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/expanded-arts?dept=160348&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Museum Studies), BA (FAARTMSBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description

In the Bachelor of Arts program in art with a concentration in museum studies, students focus on international themes and issues at the forefront of contemporary museum and heritage studies. Museum studies students develop the ability to think critically and communicate by studying various ethical and institutional issues, such as decolonization and repatriation claims, activist curating and broadening museum audiences. Distinguished faculty provide expertise across an array of courses within the field of museum studies, including art history, anthropology, history, liberal studies, education, global studies, justice studies, and parks and recreation. These courses offer a variety of learning opportunities led by scholars and museum practitioners across the ASU campus and around the globe. In addition to classroom learning, the program is enriched by arts organizations and cultural institutions, which enable students to build their professional network through fellowships and internships. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics

Research Center and Archive, and Pyracantha Press.

Students can visit the museum studies areas of study (https://art.asu.edu/bachelors-degrees/majorinfo/FAARTMSBA/undergrad/false/11) page to learn more about the program. Students who want to engage with the creative community can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/art-museum-studies-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTMSBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will recall the general history and function of museums and heritage sites domestically and globally.
- Students will comparatively analyze elements of potential careers within the museums and heritage site sectors utilizing evidence-based research.
- Students will write at an academic level suitable for further graduate study.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles. With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to develop and broaden their intercultural sensitivity, communication skills and leadership ability, challenging them to think differently. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere. They have a chance to look inside themselves in a way they haven't done before, growing their personal and professional self-confidence along the way.

Career opportunities

Graduates find employment opportunities with museums, university and commercial art galleries, historical societies and archives, libraries and other nonprofit organizations. An arts degree offers students a pathway to creative careers as artists, scholars and educators in the public and private sphere. Artists find employment opportunities as practitioners in the field, with commercial galleries, public art commissions and private collectors, and in cultural institutions. Possible positions include museum or gallery professional, art dealer, art director, private art instructor and community-based artist. Employment venues might include health care settings, nonprofit agencies, and local and national public arts. Other options for graduates include working at arts agencies and public art programs and gaining admission to prestigious graduate programs.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/art-history?dept=160344&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Painting and Drawing), BFA (HIARTPDBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Fine Arts program in art with a concentration in painting and drawing provides students with a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Painting and drawing students develop the ability to think critically and communicate through their art. Students gain proficiency in a wide spectrum of approaches, including watercolor, oil painting, figure drawing and mural painting, to advance ideas and discourses.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including abstraction, realism, figuration and installation art. Capstone research courses guide students through the process of developing a portfolio of completed works and provide practical experience for presenting art in a variety of professional contexts.

In addition to learning in the classroom, the program is enriched by arts organizations and cultural institutions that provide students with the opportunity to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the painting and drawing areas of study (https://art.asu.edu/degree-programs/drawing-painting) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTPDBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills, and leadership ability, and develop their personal and professional self-confidence. Students who participate in global education programs learn to adapt and persevere, and grow along the way.

Career opportunities

An art degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private spheres. Artists find employment as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Possible positions include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Possible venues include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu/
herbergeradvising@asu.edu
480-965-8521

Art (Painting), BFA (FAARTPABFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in painting should apply to the painting and drawing concentration.

Program description

The Bachelor of Fine Arts program in art with a concentration in painting offers a dynamic environment for creative and conceptual growth that promotes an active studio practice. The program's curriculum encourages a wide spectrum of approaches to painting and drawing techniques. Students develop proficiency through working from a variety of sources and subjects and a range of materials and processes. Faculty encourage students to develop their own unique artistic vision and critically assess imagery in context to the history of art and contemporary practices. Faculty emphasize critical concepts in their teaching and encourage research (https://art.asu.edu/research), interdisciplinary engagement and coursework from disciplines across the university.

Faculty provide students professional mentorship regarding opportunities such as assistantships, internships, scholarships, residencies and exhibitions. Additionally, the School of Art galleries (https://art.asu.edu/galleries), the Ceramics Research Center and Archive (https://asuartmuseum.org/research-learning/ceramics-research-center-archive/) and the ASU Art Museum (https://asuartmuseum.org/) support a robust schedule of public exhibitions and visiting artist and scholar lectures. These events (https://art.asu.edu/events) offer students the opportunity to develop their knowledge and appreciation of contemporary art and culture while building a professional network. Further augmenting the curriculum are numerous internships (https://students.herbergerinstitute.asu.edu/creative-career-services/internships) offered by a wide range of arts organizations. Capstone and research studio courses engage students intellectually and critically as they gain the practical experience of developing a distinctive body of work and presenting that work (https://art.asu.edu/research/student-work) in one of the School of Art galleries, meaning students in the program graduate prepared for the future with a portfolio of completed works that showcases their unique artistic vision.

Students can visit the painting and drawing area of study page (https://art.asu.edu/degree-programs/drawing-painting) to learn more about the program and the faculty.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra or MAT 119 Finite Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Currently, all art students are admitted to ASU into the BA (art studies) program. They must complete a series of requirements, including foundational coursework, to be eligible for study in one of the school's BFA degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they

complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning fall 2019, students are admitted directly to the painting concentration upon admittance to the Bachelor of Fine Arts program in art.

Transfer admission requirements: Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester in which they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning fall 2019, transfer students are admitted directly to the painting concentration upon admittance to the Bachelor of Fine Arts program in art.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTPABFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to develop and broaden their intercultural sensitivity, communication skills and leadership ability, and challenges them to think differently. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere, and they are provided with a chance to look inside themselves in a way they haven't done before, growing their personal and professional self-confidence along the way.

Career opportunities

A degree in the arts offers students a pathway to a rich and varied choice of careers. School of Art programs prepare students to initiate creative careers as artists, scholars and educators in the public and private sphere.

Art graduates find employment opportunities as artists in the field, selling their works through commercial galleries and commissions and to private collectors; as museum or gallery professionals, art dealers and directors; as private school art teachers and college professors; and as community-based artists (venues might include health care settings, nonprofit agencies, and local and national public arts). Other options include working at arts agencies and public art programs or gaining admission to prestigious graduate programs across the nation.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/drawing-painting/?dept=160342&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Photography), BFA (FAARTPHBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Bachelor of Fine Arts program in art with a concentration in photography, students gain a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Photography students develop the ability to think critically and communicate through their art. Students learn a wide variety of approaches to advancing ideas and discourses, including alternative processes, documentary, landscape and portraiture.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including experimental, durational, immersive and context-specific art. Capstone research courses guide students through the process of developing a portfolio of completed works and provide practical experience for presenting art in many professional contexts.

In addition to classroom learning, the program is enriched by arts organizations and cultural institutions, which provide students with the opportunity to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the ASU Art Museum, the Ceramics Research Center and Archive, Pyracantha Press and the School of Art galleries, including the Northlight Gallery (https://art.asu.edu/about/galleries-and-facilities/northlight-gallery), a collecting institution with significant historical holdings. Northlight serves as a laboratory for students to study and respond to its collection, learn exhibition strategies and exhibit their work.

Students should visit the photography areas of study (https://art.asu.edu/degree-programs/photography) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
There is no portfolio review process for admission to the School of Art.

Transfer admission requirements: To complete an undergraduate degree in four years, it is recommended that community college transfer students complete the foundational core and pre-art requirements.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTPHBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in global education programs learn to adapt and persevere, growing along the way.

Career opportunities

An arts degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private spheres. Artists find employment as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Positions of employment include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/photography?dept=160349&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Printmaking), BFA (FAARTPMBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Bachelor of Fine Arts program in art with a concentration in printmaking, students acquire a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Printmaking students develop the ability to think critically and communicate through their art. Students learn a wide variety of approaches to advancing ideas and discourses, including photogravure, letterpress, zines and papermaking.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including intaglio, lithography, book arts, relief and screen printing. Capstone research courses guide students through the process of developing a portfolio of completed works and provide practical experience for presenting art in a variety of professional contexts.

In addition to classroom learning, the program is also enriched by arts organizations and cultural institutions, which provide students with opportunities to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the printmaking areas of study (https://art.asu.edu/degree-programs/printmaking) page to learn

more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students are admitted directly to the printmaking concentration upon admittance to the BFA program in art.

Transfer admission requirements: Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the printmaking concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester in which they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTPMBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
Create a cohesive body of artwork organized and shared in a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world, and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in these programs learn to adapt and persevere, growing along the way.

Career opportunities

An art degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private sphere. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Potential positions include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/printmaking?dept=160350&id=1
herbergeradvising@asu.edu
480-965-8521

Art (Sculpture), BFA (FAARTSBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Bachelor of Fine Arts program in art with a concentration in sculpture, students acquire a foundation of skills and knowledge that draws connections between traditional methods and emerging art practices. Sculpture students develop the ability to think critically and communicate through their art. Students learn a wide variety of approaches to advancing ideas and discourses, including stop-motion animation, woods, foundry, small metals, neon and textiles.

The curriculum emphasizes conceptual and material knowledge, interdisciplinary research and professional mentorship. Distinguished faculty provide expertise across an array of distinct areas within the field of contemporary art, including public and site-specific sculpture, interactive and electronic sculpture, and video and sound installation. Capstone research courses guide students through the process of developing a portfolio of completed works and provide practical experience presenting art in a variety of professional contexts.

In addition to classroom learning, the program is enriched by arts organizations and cultural institutions, which provide students with opportunities to build their professional network through fellowships, internships and residencies. The program is further augmented by public events (https://art.asu.edu/events) supported by the School of Art galleries, the ASU Art Museum, the Ceramics Research Center and Archive, and Pyracantha Press.

Students should visit the sculpture areas of study (https://art.asu.edu/degree-programs/sculpture) page to learn more about the program. To engage the school's creative community, students can subscribe (https://art.asu.edu/events/email-list) to the School of Art newsletters and follow the school on social media.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students are admitted directly to the sculpture concentration upon admittance to the BFA program in art.

Transfer admission requirements: Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the sculpture concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester in which they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTSBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
Create a cohesive body of artwork organized and shared in a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world, and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to broaden their intercultural sensitivity, communication skills and leadership ability, and develop their personal and professional self-confidence. Students who participate in these programs learn to adapt and persevere, growing along the way.

Career opportunities

An art degree offers graduates a pathway to creative careers as artists, scholars and educators in the public and private sphere. Artists find employment opportunities as practitioners in the field through commercial galleries, public art commissions, private collectors and cultural institutions. Possible positions include museum or gallery professional, art dealer, art director, private art instructor, studio artist and community-based artist. Venues might include health care settings, nonprofit agencies, and local and national public arts organizations. Other options for graduates include working at arts agencies and public art programs, gaining admission to prestigious graduate programs, and setting up their own art businesses. The skills acquired to produce art also have a wide variety of non-art applications.

Contact information

School of Art | ART 102
https://art.asu.edu/degree-programs/sculpture?dept=160351&id=1

herbergeradvising@asu.edu
480-965-8521

Art (Textiles), BFA (FAARTFBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The Bachelor of Fine Arts program in art with a concentration in textiles mentors and educates students in challenging technical and creative methods of studio art practice; critical thinking in the context of cultural diversity, global awareness and community engagement; and the history, traditions and innovations within art. Working from fundamental techniques, students gain mastery of skill, along with an immersion in related critical theory. An emphasis is placed on how investigations into the material and the political and social histories of textiles can inform contemporary art practice. Students develop proficiency through working from a variety of sources and subjects, and a range of materials and processes.

Faculty encourage students to develop their own unique artistic vision and critically assess imagery in context to the history of art and contemporary practices. Faculty emphasize critical concepts in their teaching and encourage research (https://art.asu.edu/research), interdisciplinary engagement and coursework from disciplines across the university. Faculty also provide students professional mentorship regarding opportunities such as assistantships, internships, scholarships, residencies and exhibitions.

The School of Art (https://art.asu.edu/events/visiting-artist-and-scholar-series), the Ceramics Research Center and Archive (https://asuartmuseum.org/research-learning/ceramics-research-center-archive/), and the ASU Art Museum (https://asuartmuseum.org/) support a robust schedule of public exhibitions and visiting artist and scholar lectures. These events (https://art.asu.edu/events) offer students the opportunity to develop their knowledge and appreciation of contemporary art and culture while building a professional network. Further augmenting the curriculum are numerous internships (https://students.herbergerinstitute.asu.edu/creative-career-services/internships) offered by a wide variety of arts organizations.

Capstone and research studio courses engage students intellectually and critically as they develop a distinctive body of work and present that work (https://art.asu.edu/research/student-work) in one of the School of Art galleries (https://art.asu.edu/galleries), meaning that graduates of this program are prepared for the future with a portfolio of completed works that showcases their unique artistic vision.

Students can visit the sculpture area of study page (https://art.asu.edu/degree-programs/sculpture) to learn more about the program and faculty, and they can sign up for the School of Art newsletter (https://art.asu.edu/events/email-list) to learn more about its creative community.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year students are admitted directly to the textiles concentration upon admittance to the BFA program in art.

Transfer admission requirements: Transfer students must have completed the foundational core and pre-art requirements before admittance to the textiles concentration. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTFBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
Create a cohesive body of artwork organized and shared in a professional digital portfolio.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, deepen their understanding of the world and gain valuable career-building experiences. Study abroad can prove to be a vital accompaniment to any art concentration, allowing for broad historical and archaeological explorations. Students develop insight into the cultures and minds of some of the

world's most notable artists when they experience the places that gave rise to specific artistic styles.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Study abroad encourages students to develop and broaden their intercultural sensitivity, communication skills and leadership ability, and it challenges them to think differently. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere; and they are provided with a chance to look inside themselves in a way they haven't done before, growing their personal and professional self-confidence along the way.

Career opportunities

A degree in the arts offers graduates a pathway to a rich and varied choice of careers. The BFA program prepares graduates to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focused concentrations within the area of art and additional education or training per industry standards. School of Art programs prepare graduates to initiate creative careers as artists, scholars and educators in the public and private sphere.

Art graduates find employment opportunities as artists in the field, selling their works through commercial galleries and commissions and to private collectors; as museum or gallery professionals, art dealers and directors; as private school art teachers and college professors; and as community-based artists (venues might include health care settings, nonprofit agencies, and local and national public arts). Some textile artists have established careers in design, in settings as varied as working in industry creating commercial items and setting up boutique studios for the creation of one-of-a-kind fabrics for garments and interiors. Other options include working for arts agencies and public art programs; gaining admission to prestigious graduate programs across the nation in art or design; or finding employment in fields adjacent to textiles, such as business or technology.

Contact information

School of Art | ART 102
https://art.asu.edu/
herbergeradvising@asu.edu
480-965-8521

Arts (BA in the Arts), BA (FAATSBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Arts program in the arts is an interdisciplinary degree program designed for students who are passionate about the arts and design, and interested in exploring multiple arts disciplines rather than specializing in one.

Students gain an understanding of the theoretical, historical and cultural forces that shape the cultural expression of arts and design. Students pursue open-ended paths to explore and develop a variety of skills suitable for advanced study in multiple areas.

The major includes a common core for all students; students may choose a focus from arts administration or entertainment design, or they may design an individualized focus that is subject to approval by the institute's standards committee and the dean's office.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics

OR any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAATSBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students whose program of study is in the arts have the ability to further their studies around the world (https://goglobal.asu.edu/). Equipped with the knowledge obtained in classes, students can explore cultural aesthetic practices while studying abroad, furthering their understanding and enhancing their portfolios.

Career opportunities

As Arizona's population grows, numerous arts organizations are being developed to provide cultural and artistic experiences for the state's residents. These organizations need and demand individuals who understand the impact

that the arts have on society and who can be passionate employees committed to the arts. This program provides the necessary skill sets, including critical thinking, for such careers as:

- arts administrator
- arts critic
- entertainment designer
- media arts author or publisher
- museum curator or director
- public art specialist

Contact information

Dean, Herberger Institute for Design and the Arts | CDS 101
https://art.asu.edu/degree-programs/undergraduate
herbergeradvising@asu.edu
480-965-4495

Costume Design and Technology for the Creative Industries, BFA (HICOSBFA)

College/School: Herberger Institute for Design and the Arts

Campus: ASU at Los Angeles

Program description

The Bachelor of Fine Arts program in costume design and technology for the creative industries provides students with a multidisciplinary education, combining the practical application of knowledge with professional industry experience. The Herberger Institute Creative Economy Hub¿ in Los Angeles, California allows students to gain practical experience working with teams from across disciplines in the entertainment industry. Students connect directly to the industry, working on productions and learning key technical skills that make them valuable contributors in internships and apprenticeships.

Students in this program learn foundational skills in garment construction, script analysis, character development, illustration and production practices as they begin to work with interdisciplinary creative teams to create costumes for film, television and theatre. Access to professional-level facilities offers an immersive environment for students to gain industry-recognized training for a career in the entertainment industry.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HICOSBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: More than 300 study abroad opportunities are available through the Global Education Office (https://goglobal.asu.edu/), which expose students to unique cultural environments and enable students to expand their knowledge in diverse settings. Students are challenged to adapt and persevere under unfamiliar social and cultural circumstances, which allows them to grow and prosper in their professional and personal lives. Students have the opportunity to enhance their resume and portfolio with a global perspective gained by studying abroad.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/fashion) for ASU FIDM students majoring in fashion and costume design.

Career opportunities

Graduates are prepared to enter graduate programs or pursue professional creative careers. Career examples include:

- costume illustrator
- curator
- craft artist
- design assistant
- fabric and apparel designer
- film, television and theatre costume designer
- production design
- production supervisor

Contact information

ASU FIDM | ART 151
https://asufidm.asu.edu
asufidm@asu.edu
480-965-8521

Dance, BFA (FADANBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Music, Dance and Theatre provides an inclusive and dynamic environment where students can grow as creative artists, scholars and educators. The Bachelor of Fine Arts program in dance emphasizes collaboration and a holistic approach to movement and education where students develop versatile skills that lead to success in the arts and other related fields.

The core values of the program are creativity, inquiry and humanity. These values are interwoven into a wide range of academic experiences and exploratory processes, enabling students to gain a deep understanding of dance as inquiry and to bridge knowledge and community. The dance program includes technique instruction in a range of forms, including Afro-Latin, contemporary ballet, hip hop, contemporary modern and somatic practices. Students also study creative practices (the study of the creative process and dance-making using improvisation, choreography and interdisciplinary approaches); dance and digital arts; and dance history, ethnography and philosophy.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students are strongly encouraged to attend the dance festival days held in the fall or spring semester to learn about the dance program at ASU. Dance scholarships are available to all applicants. Details on how to register for a dance festival day and dance scholarships are found on the School of Music, Dance and Theatre (https://musicdancetheatre.asu.edu/admission/apply-dance-major) website.

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Students should review the School of Music, Dance and Theatre (https://musicdancetheatre.asu.edu/admission/apply-dance-major) website for more details.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADANBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply creative perspectives and skills in their art-making that reflect broad understandings of current dance and digital media practices.
Implement culturally sensitive, moral, and socially grounded teaching, facilitation and community building practices.
Apply knowledge of the diversity and significance of past and current dance practices, traditions and trends as they are situated within human cultures to the creation and assessment of new work.

Global opportunities

Global experience: Dance transcends language, so students can explore their art in various countries, no matter what it is. When studying abroad (https://goglobal.asu.edu/), students expand their view of dance through an international lens while exploring various dance forms at their origins.

Career opportunities

The comprehensive academic foundation of the BFA program in dance prepares graduates to be leading dance professionals. Graduates of the program have the expertise to pursue professions as choreographers, performers, educators, community artists, scholars and more. After leaving ASU, many graduates participate in activities such as:

curating or producing dance festivals and events
directing or managing performing art companies, studios or dance-related organizations
facilitating community partnerships and projects
performing and making dance in a range of settings
producing dance media for performance or instruction
pursuing certification in somatic practices (Laban Movement Analysis, Feldenkrais Method®, Alexander Technique, Body-Mind Centering®, etc.)
working in the areas of health and wellness (fitness, yoga, massage therapy, etc.)
working in the field of arts management and administration
writing about dance for websites, blogs, magazines and other publications

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FADANBFA/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Dance (Dance Education), BFA (FADANEBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Fine Arts in dance with a concentration in dance education prepares students for certification to teach dance in K--12 schools in the state of Arizona and for certification in other states through a multistate reciprocity agreement.

The School of Music, Dance and Theatre provides a dynamic and inclusive learning environment where students develop as creative artists, scholars and educators. The student experience is enriched by a diverse selection of studies, including dance cultures, music, digital media, dance history, philosophy and criticism, movement science, somatics, and stage and screen production. The curriculum emphasizes creativity and research while striving to build bridges between knowledge and community through a wide variety of academic experiences, including student teaching internships. The dance program also includes coursework in technique of many different dance forms and mind-body practices, including Afro-Latin, contemporary ballet, hip hop, contemporary modern and somatic movement practice.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students are strongly encouraged to attend the dance festival days held in the fall or spring semester to learn about the dance program at ASU. Dance scholarships are available to all applicants. Details on how to register for a dance festival day and dance scholarships are found on the School of Music, Dance and Theatre (https://musicdancetheatre.asu.edu/admission/apply-dance-major) website.

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer

students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Students should review School of Music, Dance and Theatre (https://musicdancetheatre.asu.edu/admission/apply-dance-major) website for more details.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADANEBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply creative perspectives and skills in their art-making that reflect broad understandings of current dance and digital media practices.
- Develop pedagogical approaches and curricular content for PreK-12 and community dance education settings.
- Apply knowledge of past and current dance practices, traditions and trends in one or more global or historical dance forms.

Global opportunities

Global experience: Dance transcends language, so students can explore their art in various countries, no matter the language. When studying abroad (https://goglobal.asu.edu/), students expand their view of dance through an international lens while exploring various dance forms at their origins, gaining knowledge that helps them become educators of the art.

Career opportunities

The concentration in dance education lays the foundation for a career in teaching in public and private settings, as a dance educator in K--12 settings, as a teacher in private studio or community environments, or as a dance artist and performer in independent work. Students earn an Arizona teaching certification while pursuing the dance education degree, and they can expect to find employment in one of many thriving middle school and high school dance programs throughout the state, community settings or dance studios.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FADANEBFA/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Environmental Design, BS (HIEDSBS)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Science program in environmental design at The Design School has an integrated curriculum and program of study that emphasizes general knowledge and design research, and is built around the three pillars of sustainability, technology and the environment. The curriculum provides special understanding of design methods, theories, technologies, social issues and management related to the student's specific area of interest. Students hone a sustainability focus by developing skills in sustainable practices that address climate change, resource conservation and urban ecology.

Students gain practical experience through studio projects, internships and collaborations with industry professionals. The program provides an interdisciplinary approach to sustainability, as students work alongside experts in ecology, architecture and social sciences to create holistic design solutions.

This program provides students with a broad base of skills and knowledge drawn from natural science, social science, arts, technology and integrated environmental design that prepares students for a variety of careers in the design, planning and management of the built environment.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIEDSBS~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Examine design creative processes through theory and research articles as measured through the final assignment.
- Apply key skills in the field related to the analysis of existing landscape conditions and the design of new proposals
- Synthesize iterative ideas and design concepts into plans for built works that meet professional standards.

Global opportunities

Global experience: Students can complement their ASU coursework with study abroad programs (https://goglobal.asu.edu/). Programs that focus on topics such as sustainability, design and ecotourism increase a student's multicultural engagement and expose them to the design of built environments in other parts of the world.

Career opportunities

Graduates of this program find careers in design, urban planning and environmental consulting and take on roles in offices, businesses, public institutions and industries that require an awareness of issues that affect environmental design. Graduates may also go on to pursue professional or other graduate degree programs.

Contact information

The Design School | CDS 101
https://design.asu.edu
herbergeradvising@asu.edu
480-965-4495

Fashion, BA (HIFSHBA)

College/School: Herberger Institute for Design and the Arts

Campus: Downtown Phoenix, ASU at Los Angeles

Program description
The Bachelor of Arts program in fashion takes a transdisciplinary approach to provide students with a foundation that enables them to work across many segments in the fashion industry.

The fashion program combines history, business practices and hands-on studio experience to prepare students for a variety of roles in this global industry. Students gain proficiency in illustration and fluency with materials, traditional techniques and digital technologies, preparing them for interdisciplinary collaborations through coursework across marketing and merchandising, wearable technology, sustainability, management and leadership, international experience, and fashion and culture. In the capstone experience, students develop a substantial project within an area of focus. Opportunities for internships and study abroad further advance students' professional goals.

Through the leadership of well-known industry professionals, students are connected globally to leaders in the= industry.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information
When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements
A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options
ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and

resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Learn design and commercial production techniques.
Demonstrate ability to successfully utilize industry-based information.
Produce projects relevant to fashion industry practices.

Global opportunities

Global experience: Fashion varies from country to country, city to city and culture to culture. Studying abroad (https://goglobal.asu.edu) exposes students to distinct cultural environments and enables them to expand their fashion knowledge in diverse settings. Students are challenged to adapt and persevere under unfamiliar social and cultural circumstances, allowing them to grow and prosper in their professional and personal lives. Students have the opportunity to enhance their resume and portfolio with a global perspective gained by studying abroad.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/fashion) for students majoring in fashion.

Career opportunities

Graduates are prepared to enter the fashion industry in any of a number of roles. Some examples are:

curator
fabric designer
fashion business analyst
fashion designer
marketing researcher
merchandise display and window designer
supply chain manager
textile and apparel production manager

Contact information

ASU FIDM | ART 102
https://asufidm.asu.edu/
asufidm@asu.edu
480-965-8521

Fashion (Apparel Product Development), BA (HIFSHAPDBA)

College/School: Herberger Institute for Design and the Arts

Campus: Online

Program description

The Bachelor of Arts program in fashion with a concentration in apparel product development is designed to immerse students in the full product development lifecycle, from ideation to the finished garment available in stores. This concentration blends creativity, technical expertise and business strategy to equip students with the essential skills and knowledge needed to succeed in the fast-paced world of fashion product development.

Through a combination of studio-based projects, lectures and hands-on learning, students master vital product development skills, including flat and digital patternmaking, tech pack creation, fit analysis, garment construction and sourcing. These skills enable students to navigate complex production workflows, manage timelines and collaborate

with cross-functional teams, while ensuring high-quality standards are maintained throughout. The curriculum emphasizes a holistic approach to product development, providing students with the expertise to oversee the end-to-end creation of a product. Students learn how to transform creative ideas into commercially viable products, addressing market needs, forecasting trends, selecting materials and managing production. They also gain a deep understanding of line architecture and how to create cohesive product lines that align with brand identity and consumer expectations. Students are prepared to drive product strategy and innovation by integrating creative design with practical business decisions.

Another key element of the program is its emphasis on technology integration and innovation in product development. Students explore cutting-edge tools and software that are transforming the fashion industry, such as 3D design software, CAD systems and virtual prototyping tools. By mastering these technologies, students are equipped to streamline the product development process, enhance design accuracy, and reduce time-to-market. This technological proficiency prepares them to lead in an industry increasingly driven by digital solutions and innovative design.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/undergraduate/fashion-apparel-product-development/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHAPDBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Fashion varies from country to country, city to city and culture to culture. Studying abroad (https://goglobal.asu.edu/) exposes students to unique cultural environments and allows students to expand their fashion knowledge in diverse settings. Students are challenged to adapt and persevere under unfamiliar social and cultural circumstances, which allows them to grow and prosper in their professional and personal lives. Students have the opportunity to enhance their resume and portfolio with a global perspective gained by studying abroad.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/fashion) for students majoring in fashion.

Career opportunities

With a clear focus on product development, this program prepares graduates for dynamic careers in fashion. Whether pursuing roles in product development management, technical design or merchandising, graduates are equipped with the tools to innovate, manage and execute the creation of products that resonate with consumers, stand out in the market, and lead the next wave of fashion product innovation.

Graduates are prepared to enter the fashion industry in a variety of roles. Some examples are:

- apparel designer
- fashion business analyst
- marketing researcher
- merchandise display and window designer
- product developer
- supply chain manager
- technical designer
- textile and apparel production manager

Contact information

ASU FIDM | ART 151
https://asufidm.asu.edu/
asufidm@asu.edu
480-965-8521

Fashion (Apparel Technical Design), BA (HIFSHATDBA)

College/School: Herberger Institute for Design and the Arts

Campus: Downtown Phoenix, ASU at Los Angeles, Online

Program description
The Bachelor of Arts program in fashion with a concentration in apparel technical design is a distinctly professional, hands-on degree program that prepares students for a dynamic career in apparel technical design. Students gain key skills sought across the fashion industry, such as flat and digital patternmaking and development, technical design, garment construction, technology for design, tech pack making and fit analysis.

Studio and lecture courses guide students in developing a strong foundation of industry acumen, design aesthetics, and garment and pattern construction valuable for technical design career paths in the fashion industry. Students also create digital capsule collections as part of their capstone experience, acquiring even more training in the technical design world. All courses are embedded within the principles of sustainability, producing the next generation of environmentally conscious industry leaders.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information
When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements
A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/fashion-apparel-technical-design/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHATDBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Fashion varies from country to country, city to city and culture to culture. Studying abroad exposes students to distinct cultural environments and enables them to expand their fashion knowledge in diverse settings. Students are challenged to adapt and persevere under unfamiliar social and cultural circumstances, which allows them to grow and prosper in their professional and personal lives. Students have the opportunity to enhance their resume and portfolio with a global perspective gained by studying abroad.

Study abroad is available through the Global Education Office (https://goglobal.asu.edu/). Students have the opportunity to spend a summer session in France in the Exploration of French Fashion, Language and Culture program led by fashion faculty.

Career opportunities

Graduates are prepared to enter the fashion industry in any of a number of roles. Some examples include:

- apparel designer
- design assistant
- fashion designer
- manufacturing professional
- product developer
- technical designer

Contact information

ASU FIDM | ART 151
https://asufidm.asu.edu
asufidm@asu.edu
480-965-8521

Fashion (Design), BA (HIFSHDBA)

College/School: Herberger Institute for Design and the Arts

Campus: Downtown Phoenix, ASU at Los Angeles

Program description

The Bachelor of Arts program in fashion with a concentration in design is a transdisciplinary program that provides students with a foundation that enables them to work across many segments in the fashion design industry.

The program combines history, business practices and hands-on studio experience to prepare students for a variety of roles in this global industry. Gaining proficiency in illustration skills and fluency with materials, traditional techniques and digital technologies, students are prepared for interdisciplinary collaborations through coursework across design, construction, wearable technology, sustainability, management and leadership, international experience, and fashion and culture. In the capstone experience, students develop a substantial project within an area of focus. Opportunities for internships and study abroad further advance students' professional goals.

Through the leadership of well-known industry professionals, students are connected globally to leaders in the industry and prepared to pursue a dynamic career in fashion.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHDBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: More than 300 study abroad opportunities are available through the Global Education Office (https://goglobal.asu.edu/), giving students the ability to tailor their experience to their specific interests and skill sets. Students in this program can spend a summer session in France in the Exploration of French Fashion, Language and Culture program led by fashion faculty.

Career opportunities

Graduates are prepared for a variety of roles within the fashion industry. Career examples include:

- costume designer
- curator
- design assistant
- fashion designer
- fashion illustrator
- seamstress or seamster
- textile designer

Contact information
ASU FIDM | ART 151
https://asufidm.asu.edu
asufidm@asu.edu
480-965-8521

Fashion (Merchandising), BA (HIFSHMBA)

College/School: Herberger Institute for Design and the Arts

Campus: Downtown Phoenix, ASU at Los Angeles, Online

Program description
Merchandising is a dynamic field that blends creativity with strategic business insight to bring product ranges to market.

The Bachelor of Arts program in fashion with a concentration in merchandising combines history, business practices and hands-on studio experience to prepare students for a variety of roles in this global industry. Students gain proficiency in illustration skills and fluency with materials, traditional techniques and digital technologies. Students are also prepared for interdisciplinary collaborations in industry through coursework that spans marketing and merchandising, wearable technology, sustainability, management and leadership, fashion and culture.

Course offerings emphasize key skills sought across the fashion retail industry such as merchandising, trend forecasting, consumer behavior analysis, retail management, styling and branding. All courses are embedded with the principles of sustainability, producing the next generation of environmentally conscious industry leaders. Additionally, internships and study abroad may provide further opportunities to advance students' professional goals.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/fashion-merchandising/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHMBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, fashion students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can spend a summer term in France in the "Exploration of French Fashion, Language, and Culture" program led by ASU fashion faculty.

Career opportunities

This program is a distinctly professional, hands-on degree program that prepares graduates for dynamic careers in the business of fashion. Some example careers include:

- business manager
- display and window designer
- manufacturer
- marketing analyst
- merchandiser
- production manager
- retail manager
- sales manager
- supply chain manager

Graduates often find themselves doing tasks such as merchandising, buying, trend forecasting, business analysis, marketing, supply chain management and retail management.

Contact information

ASU FIDM | ART 151
https://asufidm.asu.edu
asufidm@asu.edu
480-965-8521

Fashion Styling, AA (HIFSHAA)

College/School: Herberger Institute for Design and the Arts

Campus: ASU at Los Angeles

This program is not accepting applications at this time.

Program description

The Associate of Arts program in fashion styling is a distinctly professional, hands-on degree program that prepares students for an exciting career in fashion styling. Students learn key skills sought across the fashion industry, such as flat and digital patternmaking and development, technical design, garment construction, merchandising, supply chain management, retail management and branding.

Studio and lecture courses guide students in developing a strong foundation of industry acumen, design aesthetics, and garment construction and creative styling skills that are valuable for all career paths in the industry. All courses are embedded within the principles of sustainability, so students can develop into the next generation of environmentally conscious industry leaders.

Los Angeles location
Students interested in using GI Bill® benefits should consider another ASU program.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing their major to another associate degree program. Students who wish to change their major to a bachelor's degree program should talk to their academic advisor. Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHAA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates of the AA in fashion styling are prepared to enter the fashion industry in a number of roles. Some examples are:

- commercial stylist
- creative director
- editorial stylist
- fashion editor
- fashion show stylist
- personal stylist
- personal shopper
- retail salesperson

Students may also continue on to a bachelor's degree program in fashion at ASU or elsewhere.

Contact information

ASU FIDM | ART 151
https://asufidm.asu.edu/
asufidm@asu.edu
480-965-8521

Film (Film and Media Production), BA (FAFLMBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options, such as the BFA in Film and Media Production.

Program description

Students pursuing the Bachelor of Arts in film with a concentration in film and media production develop a comprehensive and practical knowledge of digital media production, an awareness of the impact of media and entertainment on audiences and culture, and an understanding of the role of the artist in society.

Students in this program have access to digital cameras, lighting and sound equipment, postproduction software and facilities, and other resources --- including talented and dedicated peer and faculty colleagues who will give them multiple opportunities to produce projects of exceptional quality.

Students choose one of three upper-division tracks of study: directing; producing and screenwriting; or media technology, including cinematography, postproduction and sound. Each course of study is supported by the degree-wide emphasis on ethical filmmaking practices, innovative creative expression, and preparation for a career as an industry professional.

The program is offered by The Sidney Poitier New American Film School.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
All film students are admitted to ASU into the BA program in film, filmmaking practices concentration. Students who wish to pursue the highly selective studio-based Bachelor of Arts in film with a concentration in film and media production must complete the 15-hour film core and successfully pass an interview and review of their creative work to enter the concentration. This interview and creative work review generally take place in the third or fourth term at ASU.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=FAFLMBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad provides students a once-in-a-lifetime opportunity to explore the globe while developing unique skills that can make them stand out in the competitive field of film and media. Students can observe international media culture firsthand. Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens. Not only do the programs encourage students to build communication skills, but they challenge them, as artists, to think differently. In addition to acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students are challenged to adapt and persevere and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Graduates possess the knowledge and experience they need to enter the media and entertainment field in careers as:

- cinematographers and camera operators
- directors for motion pictures, television and documentaries
- editors and postproduction specialists
- producers and production executives
- screenwriters for motion pictures and television
- videographers and digital media content creators

The bachelor's degree program is an excellent broad-based foundation for work in the profession, and it prepares students for further training at graduate schools or conservatories.

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu/
filmadmissions@asu.edu
480-727-7132

Film (Filmmaking Practices), BA (FAFPRBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, ASU at Los Angeles, Online

Program description

A Bachelor of Arts program at The Sidney Poitier New American Film School empowers students with critical thinking skills to navigate new, complex and changing environments in the film industry. With a foundation in ethical and collaborative practices and project-based learning that uses state-of-the art technology, this inclusive, high-impact film school empowers the next generation of cinematic storytellers with programs that emphasize the interdisciplinarity of filmmaking, the evolving landscape of the screen and the journey of a story from idea to intended audience.

The BA program in film with a concentration in filmmaking practices builds on storytelling and equips students with the resilience and insight necessary not just to thrive in the industry, but to excel in their craft.

In this holistic program, students gain a comprehensive understanding of the art, craft and business of filmmaking. They are equipped with a broad tool set, production skills and knowledge base to pursue diverse career paths in the entertainment industry.

Los Angeles location
The Los Angeles location for the BA program in film is accepting first-year students and transfer students with an associate degree in film or media production (or applicable credits) from Arizona and California community colleges.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/filmmaking-practices/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAFPRBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply technical, creative, and project management skills when undertaking the collaborative process of filmmaking.
Produce a comprehensive, coherent literature review by synthesizing relevant professional and scholarly literature regarding the artistic value and cultural impact of film, television, and digital media making.
Generate a media-based project following all of the stages required for successful completion.

Global opportunities

Global experience: The Sidney Poitier New American Film School's Semester in Los Angeles program is an opportunity for upper-division students to live and study in Los Angeles, California, for one semester. The program offers the opportunity for an internship with a film industry company, as well as networking events, screenings and site visits to Panavision, Universal Studios, the Academy Museum and more. This is a chance for students to take LA-exclusive, in-person courses at the ASU California Center locations while staying on their path to graduation.

Study abroad provides students a once-in-a-lifetime opportunity to explore the globe while developing specific skills that can help them stand out in the competitive field of film.

With more than 300 Global Education programs (https://goglobal.asu.edu) available to them, students have an opportunity to explore their creative side through an intercultural lens and acquire a breadth of knowledge in arts and culture uniquely different from their own. The programs not only encourage students to build communication skills, but also challenge them, as artists, to think differently. Besides acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

Whether in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, enabling them to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Graduates with the concentration in filmmaking practices are prepared for careers in the film production and entertainment industry in areas such as public relations and marketing, management and law. Some graduates find entry-level positions in media and entertainment production, and others continue to advanced graduate-level education.

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu/

filmadmissions@asu.edu
480-727-7132

Film and Media Production, BFA (HIFMPBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, ASU at Los Angeles

Program description
In the Bachelor of Fine Arts program in film and media production at The Sidney Poitier New American Film School, students are empowered with the critical thinking skills to navigate new, complex and changing environments in the film industry. With a foundation in ethical and collaborative practices and project-based learning using state-of-the art technology, this inclusive, high-impact film school empowers the next generation of cinematic storytellers with programs that emphasize the interdisciplinarity of filmmaking, the evolving landscape of the screen, and the journey of a story from idea to intended audience.

This degree program takes aspiring filmmakers beyond theory and teaches them how to communicate a vision and manage resources to take a story from page to screen.

The BFA program in film and media production provides students with a deep dive into film production, highly encouraging them to choose two areas of focus within production or postproduction. Students can choose to complete the general degree or pursue focus areas in screenwriting, directing, cinematography, postproduction and sound.

Los Angeles location
The Los Angeles location for The Sidney Poitier New American Film School's BFA program in film or media production is accepting first-year students and transfer students with an associate degree in film or media production (or applicable credits) from Arizona and California community colleges.

Students interested in using GI Bill® benefits should consider the program at the Tempe campus.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFMPBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Present a digital portfolio that represents and reflects the student's unique creative voice, advanced technical skills, successful production experience, and professional vision.
Apply technical, creative, and project management skills when undertaking the collaborative process of filmmaking.
Demonstrate understanding of cultural institutions through a synthesis of research, critical thinking, and communication skills from multiple disciplines, drawn from American cultural institutions and storytelling traditions, as applied to the making, viewing, and study of film/media

Global opportunities

Global experience: The Sidney Poitier New American Film School's Semester in Los Angeles program is an opportunity for upper-division students to live and study in Los Angeles, California, for one semester. The program includes an internship with a film industry company as well as networking events, screenings and site visits to Panavision, Universal Studios, the Academy Museum and more. This is a chance for students to take LA exclusive in-person courses at the ASU California Center locations while staying on their path to graduation.

Study abroad provides students a once-in-a-lifetime opportunity to explore the globe while developing specific skills that can help them stand out in the competitive field of film.

With more than 300 Global Education programs (https://goglobal.asu.edu) available to them, students have an opportunity to explore their creative side through an intercultural lens and acquire a breadth of knowledge in arts and culture uniquely different from their own. The programs not only encourage students to build communication skills, but also challenge them, as artists, to think differently. Besides acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

Whether in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, providing them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Graduates are equipped with the technical know-how and critical thinking skills to thrive in a quickly changing media industry and to pioneer new media careers that require advanced production skills and a strong creative voice.

Graduates are prepared to pursue a wide array of skilled professions, including:

- cinematographer or director of photography
- editor
- film, television and documentary writer or director
- producer
- sound designer or sound recording engineer
- visual effects artist

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu
filmadmissions@asu.edu
480-727-7132

Film and Media Production (Cinematography), BFA (HIFMPCBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

A Bachelor of Fine Arts from The Sidney Poitier New American Film School empowers students with the critical thinking skills to navigate new, complex and changing environments in the film industry. Programs nurture the next generation of creatives, emphasizing the interconnectivity of filmmaking, the evolving landscape of the screen, and the journey of a story from idea to intended audience.

The BFA program in film and media production provides a deep dive into film production. With a foundation in ethical and collaborative practices, and project-based learning using state-of-the-art technology, students are offered the most inclusive, affordable and innovative film programs in the country.

Cinematography concentration
This concentration program provides hands-on training for students to craft impactful works in film, television and emerging media; and it takes aspiring filmmakers beyond theory, teaching them how to communicate a vision and manage resources to take a story from page to screen.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

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Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or above within one semester to remain in good standing. An ASU student who is returning to this major (having studied this major in a prior semester) must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

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Global opportunities

Global experience: The Sidney Poitier New American Film School's Semester in Los Angeles program is an opportunity for upperclassmen to live and study in Los Angeles, California, for one semester. The program includes an internship with a film industry company as well as networking events, screenings and site visits to Panavision, Universal Studios, the Academy Museum and more. This is a chance for students to take LA-exclusive, in-person courses at the ASU California Centers while staying on their path to graduation.

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Whether in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, providing them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Graduates are equipped with the technical know-how and critical thinking skills to thrive in a quickly changing media industry and to pioneer new media careers that require advanced production skills and a strong creative voice.

Graduates who earn this degree are prepared to pursue a wide array of skilled professions, including:

- cinematographer or director of photography
- editor
- film, television and documentary writer or director
- producer
- sound designer or sound recording engineer
- visual effects artist

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu
filmadmissions@asu.edu
480-727-7132

Film and Media Production (Directing), BFA (HIFMPDBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

A Bachelor of Fine Arts degree from The Sidney Poitier New American Film School empowers students with the critical thinking skills to navigate new, complex and changing environments in the film industry. Programs nurture the next generation of creatives, emphasizing the interconnectivity of filmmaking, the evolving landscape of the screen and the journey of a story from idea to intended audience. With a foundation in ethical and collaborative practices and project-based learning using state-of-the-art technology, the school offers the most inclusive, affordable and innovative film programs in the country.

The BFA program in film and media production takes aspiring filmmakers beyond theory and teaches them how to communicate a vision and manage resources to take a story from page to screen. It provides a deep dive into film production, and students can choose to complete the general degree or pursue a concentration in cinematography, directing, post-production or screenwriting.

Directing concentration
The concentration program in directing focuses on guiding students through the creative and technical processes of directing. Students learn to realize their vision and translate written scripts into visually compelling pieces, honing their unique voices while gaining skills to lead collaborative, innovative productions.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

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Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or above within one semester to remain in good standing. An ASU student who is returning to this major (having studied this major in a prior semester) must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

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ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The Sidney Poitier New American Film School's Semester in Los Angeles program is an opportunity for upperclassmen to live and study in Los Angeles, California, for one semester. The program includes an internship with a film industry company as well as networking events, screenings and site visits to Panavision, Universal Studios, the Academy Museum and more. This is a chance for students to take LA-exclusive, in-person courses at the ASU California Centers while staying on their path to graduation.

For those who wish to go further afield, study abroad provides students a once-in-a-lifetime opportunity to explore the globe while developing unique skills that can help them stand out in the competitive field of film. With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, students have an opportunity to explore their creative side through an intercultural lens and acquire a breadth of knowledge in arts and culture uniquely different from their own. Not only do the programs encourage students to build communication skills, but they also challenge them, as artists, to think differently. Besides acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

Whether in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, providing them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Graduates are equipped with the technical know-how and critical thinking skills to thrive in a quickly changing media industry and to pioneer new media careers that require advanced production skills and a strong creative voice.

Graduates who earn this degree are prepared to pursue a wide array of skilled professions, including:

- cinematographer or director of photography
- editor
- film, television and documentary writer or director
- producer
- sound designer or sound recording engineer
- visual effects artist

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu
filmadmissions@asu.edu
480-727-7132

Film and Media Production (Post-Production), BFA (HIFMPPBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

A Bachelor of Fine Arts degree from The Sidney Poitier New American Film School empowers students with the critical thinking skills to navigate new, complex and changing environments in the film industry. Programs nurture the next generation of creatives, emphasizing the interconnectivity of filmmaking, the evolving landscape of the screen, and the journey of a story from idea to intended audience. With a foundation in ethical and collaborative practices and project-based learning using state-of-the-art technology, the school offers the most inclusive, affordable and innovative film programs in the country.

The BFA program in film and media production takes aspiring filmmakers beyond theory and teaches them how to communicate a vision and manage resources to take a story from page to screen. It provides a deep dive into film production, and students can choose to complete the general degree or pursue a concentration in cinematography, directing, post-production or screenwriting.

Post-production concentration

The concentration program in post-production enables students to shape and polish stories with precision, using the latest in editing and visual effects to bring narratives to life. This program helps students to become experts in the critical final stages of filmmaking, developing a keen eye for storytelling and an understanding of how post-production can deepen audience impact.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

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Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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Change of Major requirements

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Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFMPPBFA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The Sidney Poitier New American Film School's Semester in Los Angeles program is an opportunity for upperclassmen to live and study in Los Angeles, California, for one semester. The program includes an internship with a film industry company as well as networking events, screenings and site visits to Panavision, Universal Studios, the Academy Museum and more. This is a chance for students to take LA-exclusive, in-person courses at the ASU California Centers while staying on their path to graduation.

For students who wish to go further afield, study abroad provides students a once-in-a-lifetime opportunity to explore the globe while developing unique skills that can help them stand out in the competitive field of film. With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, students have an opportunity to explore their creative side through an intercultural lens and acquire a breadth of knowledge in arts and culture uniquely different from their own. Not only do the programs encourage students to build communication skills, but they also challenge them, as artists, to think differently. Besides acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

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Career opportunities

Graduates are equipped with the technical know-how and critical thinking skills to thrive in a quickly changing media industry and to pioneer new media careers that require advanced production skills and a strong creative voice.

Graduates who earn this degree are prepared to pursue a wide array of skilled professions, including:

cinematographer or director of photography
editor
film, television and documentary writer or director
producer
sound designer or sound recording engineer
visual effects artist

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu
filmadmissions@asu.edu
480-727-7132

Film and Media Production (Screenwriting), BFA (HIFMPSBFA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, ASU at Los Angeles

Program description

A Bachelor of Fine Arts from The Sidney Poitier New American Film School empowers students with the critical thinking skills to navigate new, complex and changing environments in the film industry. Programs nurture the next generation of creatives, emphasizing the interconnectivity of filmmaking, the evolving landscape of the screen, and the journey of a story from idea to intended audience. With a foundation in ethical and collaborative practices and project-based learning using state-of-the-art technology, the school offers the most inclusive, affordable and innovative film programs in the country.

The BFA program in film and media production provides a deep dive into film production. It takes aspiring filmmakers beyond theory and teaches them how to communicate a vision and manage resources to take a story from page to screen.

Screenwriting concentration

This concentration program emphasizes the art of storytelling as the backbone of film and media, training students to craft narratives that connect across cultures and convey the complexity of the human experience. Reflecting the school's commitment to impactful storytelling, this pathway prepares students to create scripts that drive meaningful conversations and bring fresh perspectives to the screen.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

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Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

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Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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Change of Major requirements

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Transfer options

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Global opportunities

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For those who wish to go further afield, study abroad provides students a once-in-a-lifetime opportunity to explore the globe while developing unique skills that can help them stand out in the competitive field of film. With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, students have an opportunity to explore their creative side through an intercultural lens and acquire a breadth of knowledge in arts and culture uniquely different from their own. Not only do the programs encourage students to build communication skills, but they also challenge them, as artists, to think differently. Besides acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

Whether in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, providing them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Graduates are equipped with the technical know-how and critical thinking skills to thrive in a quickly changing media industry and to pioneer new media careers that require advanced production skills and a strong creative voice.

Graduates who earn this degree are prepared to pursue a wide array of skilled professions, including:

agent or manager
development executive
showrunner
TV, feature or documentary writer

Contact information

The Sidney Poitier New American Film School | GHALL 232
https://film.asu.edu
filmadmissions@asu.edu
480-727-7132

Game Design, BS (HIGMDESBS)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

This interdisciplinary Bachelor of Science program in game design combines a hands-on approach to creating games with a rich conceptual understanding of the cultural context of games, play, simulation, virtual environments and interactive media. This program prepares students to be culturally aware, technologically savvy, critically-thinking global citizens who strive to use their expertise in game design and media arts to bring about positive change in a society increasingly shaped by revolutions in new technologies.

Students gather skills needed for design and development of games and related media, including those used in ideating and designing augmented and virtual reality, mobile gaming, esports, and immersive interactive environments and experiences. Sitting at the intersection of advanced technology, cultural relevance and social impact, this program uses new educational technology, new models of mentorship and peer learning, and hands-on industry embedded curriculum to produce students with the requisite skills in both technology and the humanities and arts to craft meaningful digital experiences for millions of people worldwide --- improving society and societal systems in areas as varied as health care and education.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIGMDESBS~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, game design students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

A degree in interdisciplinary game design leads to various career paths, both in gaming and beyond. In the gaming industry, graduates can work in the artistic or programming side of game design, such as becoming a level designer, creating immersive worlds; or a UX designer, shaping how players interact with games. Many graduates also work as producers, managing teams and projects to bring games to life.

This mix of creative, technical and project management skills opens doors outside gaming in diverse fields. Skills and knowledge from game design apply well to film and architecture, animation, marketing and e-commerce, creating engaging experiences through interactive product demos or extended reality. Game design graduates are also valued in data visualization, where they make complex information easier to understand, and in simulations used for training and planning.

Contact information

The GAME School | STAUF-B 233
https://artsmediaengineering.asu.edu/

ameed@asu.edu
480-965-9432

Graphic Design, BSD (ARGRABSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description
The graphic design program in The Design School is committed to excellence in traditional and contemporary graphic design education, professionalism, research and service for the community at large. Faculty, alumni, students and visiting designers and educators constantly reinforce the link between society and nature, and they vigorously advocate quality in developing communication strategies.

The Bachelor of Science in Design curriculum acknowledges the need for creative environments that address ecological concerns, and students are encouraged to develop sustainable, transdisciplinary work sensitive to cultural aesthetic. Students develop a strong foundation of design principles through lower-division studio and lecture courses, using this to build an overall understanding of how design can shape perception and meaning using visual media. Upper-division studio courses provide opportunities for students to work in collaborative teams addressing professional projects in information design, interaction design, exhibition design, animation, motion graphics, branding, publication design, web design, interface design and the multiple contemporary facets of sensorial design.

Graphic designers are responsible for designing how information is communicated. Forms of communication include print, video, film and electronic (web). Graphic designers are concerned with appearance, choosing the appropriate mechanism for communication, clarity of information and its effectiveness, and how communication is transferred and received.

The BSD program in graphic design places an emphasis on strategic communication developed through a design process that includes research, analysis, conceptualization, planning and realization. The process leads to innovative visual communication design solutions for contemporary design problems that are local to global in scope.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors into this program and would be new to this major must have a minimum cumulative GPA of 2.75 and understand their GPA must be brought up to a 3.00 or above within one semester to remain in good standing. An ASU student who is returning to this major (having previously studied this major in a prior semester) must have a minimum cumulative GPA of 3.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-design-major/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARGRABSD~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop design fundamentals in the context of diverse visual settings, demonstrating familiarity with their understanding of their core principles.
Critically adapt their designs and methodology to convey clear messages to broad audiences.
Address creative environments that respond to ecological concerns, sensitive to cultural aesthetics, sustainability, and social issues through skills for reading, analyzing, and discussing interactions between designers and society.

Global opportunities

Global experience: Study abroad provides graphic design students with a chance to explore their creative side through an intercultural lens, challenging them to think differently as an artist and to explore different ways of communicating information visually across cultures as they build communication skills.

With more than 300 options available, whether in a foreign country, in the U.S. or online, Global Education programs (https://goglobal.asu.edu) give students a breadth of knowledge in arts and culture. Students can gain a global perspective and knowledge while earning ASU credit. Students learn to adapt and persevere and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

Based on a diversified portfolio upon graduation, those who opt for the graphic design profession gain employment in:

advertising and marketing design
brand and corporate identity design
broadcast design (TV graphics)
information design
interaction and interface design
museum or exhibition design
publication design
visual communication design
web design

Specific examples of graphic designers' work include:

annual reports
books
environmental graphics
motion graphics
multimedia presentations
publications
websites

Graduates may also pursue graduate studies that lead to careers in design education and other fields of professional endeavors in design.

Contact information

The Design School | CDS 101
https://design.asu.edu
herbergeradmissions@asu.edu
480-965-4495

Industrial Design, BSD (ARINDBSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description

The Bachelor of Science in Design program in industrial design at The Design School prepares students to envision the future by following the process of ideating, iterating, developing, testing and prototyping new products, services and strategies. Students use interdisciplinary learning to turn creative ideas into successful projects for society.

The program's students have a strong commitment to the environment and the human being; they center their approaches on delivering solutions that are beneficial for society, with a strong sense of humanity, empowered by the latest trends and technologies, always looking to get a positive impact on every scale.

The curriculum of lower-division studio and lecture courses helps students develop a strong foundation of design skills. Upper-division studio courses enable students to collaborate as they address design challenges and work on professional projects and case scenarios. Industrial design students also follow an internship program to balance classroom theory with periods of practical, hands-on experience before graduation.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors into this program and would be new to this major must have a minimum cumulative GPA of 2.75 and understand their GPA must be brought up to a 3.00 or above within one semester to remain in good standing. An ASU student who is returning to this major (having previously studied this major in a prior semester) must have a minimum cumulative GPA of 3.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/industrial-design-bsd/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARINDBSD~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Transform an original product design concept into a deliverable that demonstrates creative, technical, & communication skills
Employ visual and graphic language effectively to envision and create products, systems, services, and experiences that are socially beneficial, ecologically sound, and foster positive impact on society at every scale.
Develop a product suitable for production that enhances the human experience while implementing sustainability principles, promoting social benefits, and driving technological advancements.

Global opportunities

Global experience: Through study abroad programs (https://goglobal.asu.edu/), industrial design students learn flexible ways of thinking that contribute to their ability to meet the program goal of creating products and service systems that benefit society. They gain a global perspective and knowledge in preparation for a future-focused career, all while in an international setting. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career opportunities

After completing the program successfully, graduates can work as designers in several capacities or develop startup ventures.

Some career examples include:

accessory designer
automotive designer
consumer goods designer
design strategist

furniture and homeware designer
industrial or product designer
toy designer
trade show exhibit designer
user experience designer
user interface designer

Graduates obtain employment with consulting firms that design products, services and experiences for various clients, such as corporate industries, nonprofit institutions and nongovernmental organizations. They keep an entrepreneurial conscience, addressing specific social or environmental problems and providing successful market innovations.

Some graduates pursue teaching courses in art and design schools, colleges or universities. Others have established successful design and manufacturing ventures or led product development teams and innovations at renowned organizations.

Contact information

The Design School | CDS 101
https://design.asu.edu/
herbergeradmissions@asu.edu
480-965-4495

Interior Design, BSD (ARINTBSD)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Science in Design program in interior design at The Design School explores how people inhabit, interact with and transform interior environments. Interior designers create environments within buildings that meet the physical and psychological needs of individuals and institutions, providing a useful, rich and rewarding environment for users. The design of space, equipment and furniture requires substantial technical and organizational understanding; sensibility to form, lighting, color and texture; and an awareness of design history and theory. The program fosters creative, technical and communication skills, while impressing values of integrity and social.

Nestled in The Design School, students have the opportunity to learn and collaborate with complementary disciplines, as well as the larger community. This living laboratory keeps decision-making agile and inclusive of multiple problem-solving perspectives, providing a foundation of transdisciplinary learning to facilitate the understanding of integrated practice.

The BSD in interior design degree is accredited by the Council for Interior Design Accreditation.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors into this program and would be new to this major must have a minimum cumulative GPA of 2.75 and understand their GPA must be brought up to a 3.00 or above within one semester to remain in good standing. An ASU student who is returning to this major (having previously studied this major in a prior semester) must have a minimum cumulative GPA of 3.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARINTBSD~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Transform an original interior design concept into a project that demonstrates creative, technical, & communication skills.
Perform professional-level tasks during their internship, including drafting, collaboration, and technical proficiency appropriate for design practice, as identified by the Council for Interior Design Accreditation.
Distinguish the basic context and framework of history as it relates to 1) interior design and 2) furniture, decorative arts, and material culture, 3) architecture, and 4) art.

Global opportunities

Global experience: Interior design students have the chance to see many different design styles across cultures when studying abroad. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, interior design students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates find employment opportunities with interior design firms, architecture firms or corporations, and governmental entities of any size. Firms may specialize in interior design for residential, commercial, retail, hospitality, institutional and health care spaces. Career specialties include historic restoration, branding, sustainability, new product innovation and incorporation of new technology.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

The Design School | CDS 101
https://design.asu.edu
herbergeradmissions@asu.edu
480-965-4495

Landscape Architecture, BSLA (ARPLABSLA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Science in Landscape Architecture at The Design School is an accredited undergraduate professional degree (https://design.asu.edu/about/accreditation) that provides students with the knowledge and skills necessary to become a professional landscape architect. The program offers students the opportunity to engage with the community in applied projects that focus on designing socially and environmentally sustainable outdoor environments.

Undergraduate landscape architecture projects can range from large-scale work encompassing open space preservation and recreation planning, landscape ecological planning, community planning and design, and urban design to projects at the more intimate scale such as parks, campus spaces or residential landscapes. Emerging areas of focus include creative placemaking, social and environmental equity, green roofs and living walls, biodiversity, green storm water infrastructure, restorative environments, sustainable design, and urban climate design.

The BSLA program is accredited by the Landscape Architectural Accreditation Board. Graduates are qualified to begin taking the Landscape Architect Registration Exams, which lead to registration as a professional landscape architect. www.asla.org/accreditationlaab.aspx (https://www.asla.org/accreditationlaab.aspx)

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors into this program and would be new to this major must have a minimum cumulative GPA of 2.75 and understand their GPA must be brought up to a 3.00 or above within one semester to remain in good standing. An ASU student who is returning to this major (having previously studied this major in a prior semester) must have a minimum cumulative GPA of 3.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARPLABSLA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Examine design creative process through theory and research articles measured through the final assignment.
> Apply professional skills including drafting, collaboration, and technical proficiencies appropriate for existing landscape analysis and new design proposals.
> Transform an original landscape design concept into a project that demonstrates creative, technical, & communication skills.

Global opportunities

Global experience: Study abroad provides students the opportunity to view marvels of landscape architecture up close and in person. With more than 300 options available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their interests and skill sets. Whether the program is in a foreign country, in the U.S. or online, students in landscape architecture are exposed to unique and diverse cultural environments and expand their knowledge and skills in design and related disciplines. Students gain a global perspective and knowledge in preparation for a future-focused career while earning ASU credit for completed courses and staying on track for graduation.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/landscape-architecture) for students majoring in landscape architecture.

Career opportunities

The BSLA program prepares graduates for landscape architecture professional practice and advanced study at the graduate level. Graduates have found employment in nationally recognized firms working with notable landscape architects in large multinational firms or in public agencies. Graduates have also gone on to pursue advanced study at universities with distinguished graduate programs in landscape architecture and allied design fields.

The U.S. Bureau of Labor Statistics projects employment for landscape architects to grow 5% between 2023 and 2033 --- about as fast as the average for all occupations. The bureau also notes that employers prefer hiring entry-level landscape architects with internship experience to significantly reduce the amount of on-the-job training. The bachelor's degree program has an internship requirement meant to address this preference and better prepare graduates for employment.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Graduates of this program have the qualifications to sit for the Landscape Architect in Training examination, which leads to registration as a professional landscape architect. For detailed information on licensure requirements, students can review the Council of Landscape Architectural Registration Boards requirements at https://www.clarb.org (https://www.clarb.org/).

Contact information

The Design School | CDS 101
https://design.asu.edu
herbergeradvising@asu.edu
480-965-4495

Media Arts and Sciences, BA (HIDGCBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Arts program in media arts and sciences offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

This program is also offered as an accelerated degree with the Master of Arts in creative enterprise and cultural leadership. More information can be found on the Creative Enterprise and Cultural Leadership website (https://design.asu.edu/degree-programs/creative-enterprise-and-cultural-leadership).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/media-arts-sciences/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, media arts and sciences students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. They know techniques to change the world through communication using contemporary computational media, a vital power in today's world. Some graduates go on to invent fresh techniques.

Career opportunities include the following fields:

- audio
- comparative literature
- computing
- creative writing
- technical writing
- technology
- visual media

Media arts and sciences alumni have obtained careers as:

- designers
- engineers
- graphic designers
- programmers
- software specialists
- special effects artists
- 3D modelers
- visual media artists

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9432

Media Arts and Sciences (Art), BA (HIDGCABA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Arts program in media arts and sciences with a concentration in art offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

The concentration program in art is offered in partnership with the School of Art in the Herberger Institute for Design and the Arts. In this concentration, students specialize in visual composition aspects of new media and focus on the historical and theoretical aspects of visual arts, learn foundational visual arts skills, and practice hands-on knowledge of visual composition through digital means.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCABA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

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The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates know techniques to change the world and communicate using contemporary computational media, a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

- communications (Cisco, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light & Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

Graduates are also prepared for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by healthcare providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to graduate programs in the School of Arts, Media and Engineering at ASU and other top interdisciplinary new media programs in the nation.

Media arts and sciences alumni have received job opportunities in:

- audio and video

engineering
graphic design
illustration
iOS development
journalism
programming
software engineering
special effects
3D modeling and fabrication
visual media

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu
ameed@asu.edu
480-965-9432

Media Arts and Sciences (Design), BA (HIDGCDBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Arts program in media arts and sciences with a concentration in design offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

The concentration program in design is offered in partnership with The Design School in the Herberger Institute for Design and The Arts. The concentration allows students to specialize in hybrid (physical and digital) product and space design. Students complement their knowledge of media arts and sciences with courses focused on understanding the core principles of design. Options from many design disciplines are offered, including graphic design, architecture and landscape architecture, interior design and industrial design.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCDBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, media arts and sciences students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates have gained techniques to change the world and communicate using contemporary computational media --- a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

- communications (Cisco, Google, Facebook)

computing (Apple, Microsoft)
gaming and entertainment (Industrial Light & Magic, Electronic Arts, Pixar)
media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
new systems for collaborative, participatory content creation and sharing
social networking and reflection tools for promoting sustainability
systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the program who are interested in continuing their higher education are well prepared to apply for admission to graduate programs through the School of Arts, Media and Engineering at ASU and to other top interdisciplinary new media programs in the nation.

Media arts and sciences alumni have received job opportunities in:

audio and video
engineering
graphic design
illustration
iOS development
journalism
programming
software engineering
special effects
3D modeling and fabrication
visual media

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9432

Media Arts and Sciences (Education), BA (HIMASEDBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe, Online

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Arts program in media arts and sciences with a concentration in educational studies offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

Learning happens everywhere. Through concentration coursework in educational studies, provided by Mary Lou Fulton

Teachers College, students learn the role of education in society and how humans learn. They also develop effective communication skills and learn to facilitate learning experiences across a variety of spaces. Students learn to effectively share their passion for media arts and technology and inspire a new generation of technofluent creators --- kids, teens, adults and learners of all ages --- empowering them to craft their own stories.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/media-arts-sciences-education/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMASEDBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad programs enable students to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media --- critical skills in this dynamic age. With more than 300 Global Education program opportunities (https://goglobal.asu.edu) available to them, media arts and sciences students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates of this program are prepared to thrive in an increasingly digital world, whether they're teaching STEAM workshops, creating new technology-infused learning experiences, or embedded in the local community at art hackerspaces, science centers and digital fabrication labs. They can develop and facilitate learning experiences and become advocates for technology, media arts and education.

Graduates work in a variety of settings related to media arts and education, including schools and classrooms, libraries, museums and science centers, nonprofit organizations, and technology and educational companies.

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9432

Media Arts and Sciences (English), BA (HIDGCENBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in this program should apply to the Media Arts and Sciences, BA program.

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The school prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The Bachelor of Arts program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies, and to breathe behavior into media, objects or systems by programming; they also learn to think critically about how computation impacts lives and how culture makes a difference in how people experience

computational media --- a critical skill in this dynamic age.

Media Arts and Sciences -- English concentration
The media arts and sciences program with a concentration in English is designed for students who wish to explore the historical, scientific and theoretical intersections of art, media and technology. The sharing of stories and media through electronic communities, participatory art-making and creativity forums on the web, gaming, digital movies and effects, mediated public spaces and electronic design are only a few of the new activities that are defining and evolving culture. Students in the concentration assist in the establishment, evolution and proliferation of such culture at the state, national and international levels. Students use tools of inquiry to examine, analyze and create works of art through a hands-on approach to communication, writing, rhetoric and literacies, in collaboration with the English department.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCENBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, media arts and sciences students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. They know techniques to change the world through communication using contemporary computational media, a vital power in today's world. Some graduates go on to invent fresh techniques.

Career opportunities include fields in which collaboration is needed and where the following skills and knowledge are sought: technology commentary, future studies, design fiction, technical writing, creative writing and comparative literature.

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9438

Media Arts and Sciences (Film), BA (HIDGCFBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Arts program in media arts and sciences with a concentration in film offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

The concentration in film is offered in partnership with The Sidney Poitier New American Film School in the Herberger Institute for Design and the Arts. In this concentration, students complement their knowledge of media arts and sciences with discipline-specific courses that focus on foundations of filmmaking practices, knowledge of the film industry and hands-on practice of digital processes in filmmaking.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

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Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

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Global opportunities

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The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Graduates of the media arts and sciences program have a wide array of career opportunities in new media, involving the fields of:

communications (Cisco, Google, Facebook)
computing (Apple, Microsoft)
gaming and entertainment (Industrial Light & Magic, Electronic Arts, Pixar)
media arts (engineering multimedia shows, video and sound production)

Graduates are also prepared for roles in the development of modern media systems that address complex sociotechnical problems, such as:

diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
new systems for collaborative, participatory content creation and sharing
social networking and reflection tools for promoting sustainability
systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including graduate programs in the ASU School of Arts, Media and Engineering.

Program alumni have received job opportunities in:

audio and video
engineering
graphic design
illustration
iOS development
journalism
programming
software engineering
special effects
3D modeling and fabrication
visual media

Contact information

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ameed@asu.edu
480-965-9432

Media Arts and Sciences (Games and Interactive Media), BS (HIMASGIMBS)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. Students are prepared to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

In the Bachelor of Science program in media arts and sciences with a concentration in games and interactive media, students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a

critical skill in this age.

This concentration program in games and interactive media pairs a maker approach with a rich historical and conceptual understanding of games, augmented and virtual reality, esports, and location-based and themed environments and experiences. Working within this interdisciplinary program, students create, envision and critique digital and hybrid spaces that impact work, education, communication, interpersonal relationships, entertainment, physical and mental health care, and lifelong learning.

Students who are interested in the entirety of game infrastructure may also pursue a certificate in computer gaming (https://degrees.apps.asu.edu/minors/major/ASU00/ESSCICERT/computer-gaming). This certificate program focuses on game development and is offered by the Ira A. Fulton Schools of Engineering at the Tempe campus. Students may also pursue a certificate in arts and humanities in games (https://degrees.apps.asu.edu/minors/major/ASU00/ASAHGCERT/arts-and-humanities-in-games), offered by the New College of Interdisciplinary Arts and Sciences at the West Valley campus.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMASGIMBS~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu) available to them, media arts and sciences students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Working within this field of games and interactive media are artists, programmers, designers, storytellers, engineers, policy advocates and countless other professionals. Games and interactive media arts industries are growing at a rapid pace; for example, job opportunities for special effects artists and animators are expected to grow by 16% by 2030, double that of the national outlook. The large scale of the video gaming industry --- valued at $184 billion globally in 2023 according to the International Trade Administration --- goes beyond video game design to include fields of specialized marketing, monetization and other ancillary industries.

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9432

Media Arts and Sciences (Graphic Information Technology), BA (HIDGCTEBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Arts program in media arts and sciences with a concentration in graphic information technology offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

The graphic information technology concentration is offered in partnership with the Ira A. Fulton Schools of Engineering. Students complement their knowledge of media arts and sciences with discipline-specific courses in the graphic information technology program. The concentration courses focus on entrepreneurship, knowledge of legal and ethical issues for technology, and skills in graphic communication, digital illustration and design methodology.

Students should be advised that most requirements can be completed at the Tempe campus, but courses specific to this concentration take place on the Polytechnic campus.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
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Transfer options

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Global opportunities

Global experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them,

media arts and sciences students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates have learned techniques to change the world and communicate using contemporary computational media --- a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

communications (Cisco, Google, Facebook)
computing (Apple, Microsoft)
gaming and entertainment (Industrial Light & Magic, Electronic Arts, Pixar)
media arts (engineering multimedia shows, video and sound production)

Graduates are also prepared for roles in the development of modern media systems that address complex sociotechnical problems, such as:

diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by healthcare providers
new systems for collaborative, participatory content creation and sharing
social networking and reflection tools for promoting sustainability
systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top transdisciplinary new media programs in the nation, including graduate programs in the School of Arts, Media and Engineering at ASU.

Media arts and sciences alumni have received job opportunities in:

audio and video
engineering
graphic design
illustration
iOS development
journalism
programming
software engineering
special effects
3D modeling and fabrication
visual media

Contact information

The GAME School | STAUF-B 217
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Media Arts and Sciences (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. Students are prepared to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The Bachelor of Arts program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media --- a critical skill in this dynamic era.

This concentration in interdisciplinary arts and performance is offered in partnership with the New College of Interdisciplinary Arts and Sciences. The program focuses on a transdisciplinary and collaborative approach to the arts, technology and performance. It emphasizes the traditions of transdisciplinary, avant-garde and experimental arts, and contemporary art and performance. Courses include digital media arts, music and electronic sound art, performance studies, theater and performance practice, and digital graphics.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDCIAPBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, media arts and sciences students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and sound judgment, graduates of the media arts and sciences program work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates have learned techniques to change the world and communicate using contemporary computational media, a vital power in the modern world. Some go on to invent fresh techniques.

Graduates have a wide array of career opportunities in new media involving the fields of:

- communications (Cisco, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light & Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

Graduates are also prepared for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Media arts and sciences alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development

journalism
programming
software engineering
special effects
3D modeling and fabrication
visual media

Contact information

The GAME School | STAUF-B 217
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480-965-9432

Media Arts and Sciences (Media Processing), BS (HIDGCMPBS)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Science program in media arts and sciences with a concentration in media processing offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

The concentration program in media processing is offered in partnership with the Ira A. Fulton Schools of Engineering. Students complement their knowledge of media arts and sciences with computer science coursework, which offers a more advanced understanding of programming, data structures, signal processing and system architecture.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMPBS~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) allow media arts and sciences students to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media --- critical skills in this dynamic age. With more than 300 options available, Global Education programs enable students to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students in media arts and sciences can be exposed to diverse cultural environments and differences worldwide and take in the broad uses of technology on a global scale.

Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Career opportunities include positions in graphic design, design, audio, visual media, computer science, technology, technical writing, creative writing and comparative literature.

Media arts and sciences alumni have obtained careers as graphic designers, 3D modelers, special effects artists, visual media artists, programmers, engineers and software specialists with Apple, Microsoft, Cisco, Industrial Light & Sound, Pixar and other techno-centric companies.

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu/
ameed@asu.edu
480-965-9432

Media Arts and Sciences (Music), BA (HIDGCMBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications.

The Bachelor of Arts program in media arts and sciences with a concentration in music offers students technical skills to develop computational media, and cultural skills to apply them meaningfully. Students immerse themselves in hands-on projects; explore the intertwined evolution of culture, society and tech; and create computational media systems with sound, video, objects, space and immersive media. This fusion of arts, humanities and engineering foundations enables students not only to craft innovative digital media but also to think critically about how technology and society are coproductive. The program's overarching goal is to develop socially conscious global citizens who are ready to navigate and shape a more connected and creative digital world.

The concentration program in music is offered in partnership with the School of Music, Dance and Theatre in the Herberger Institute for Design and the Arts. In this concentration, students complement their knowledge of media arts and sciences with discipline-specific courses in music. These courses focus on understanding the foundations and historical and theoretical structures of commercial and popular music, and the principles of electronic music composition and digital sound.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change their major to this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand that their GPA must be brought up to a 2.50 or higher within one semester to remain in good standing. An ASU student who is returning to this major must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

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ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, media arts and sciences students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates have learned techniques to change the world and communicate using contemporary computational media --- a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media to choose from, in fields such as:

- communications (Cisco, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light & Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

Graduates are also prepared for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including graduate programs through the School of Arts, Media and Engineering at ASU.

Media arts and sciences alumni have received job opportunities in:

audio and video
engineering
graphic design
illustration
iOS development
journalism
programming
software engineering
special effects
3D modeling and fabrication
visual media

Contact information

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480-965-9432

Media Arts and Sciences (Theatre), BA (HIDGCTBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in this program should apply to the Media Arts and Sciences BA program.

Program description

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The school prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The Bachelor of Arts program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media and computation combined with objects, sound, video, time, space, culture and bodies, and to breathe behavior into media, objects or systems by programming; they also learn to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media --- a critical skill in this dynamic age.

Media Arts and Sciences -- Theatre concentration
The concentration in theatre is for students who desire to integrate principles of design and production with digital culture. Students complement their knowledge of media arts and sciences with discipline-specific courses in the School of Music, Dance and Theatre; these courses focus on the fundamentals and principles of theatre design, including scene, lighting, sound, costume and multimedia design, while enabling students to develop art and technical direction and digital design skills.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
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Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring around the globe furthers students' ability to apply their studies to a global spectrum. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, media arts and sciences students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Herberger Institute for Design and the Arts recommends these programs (https://goglobal.asu.edu/students/major/herberger/digital-culture) for students majoring in media arts and sciences.

Career opportunities

Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates have gained techniques to change the world and communicate using contemporary computational media, a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

communications (Cisco, Google, Facebook)
computing (Apple, Microsoft)
gaming and entertainment (Industrial Light & Magic, Electronic Arts, Pixar)
media arts (engineering multimedia shows, video and sound production)

Graduates area also prepared for roles in the development of modern media systems that address complex socio-technical problems, such as:

diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
new systems for collaborative, participatory content creation and sharing
social networking and reflection tools for promoting sustainability
systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing to higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including graduate programs through ASU's School of Arts, Media and Engineering.

Media arts and sciences alumni have received job opportunities in the following fields:

audio and video
engineering
graphic design
illustration
iOS development
journalism
programming
software engineering
special effects
3D modeling and fabrication
visual media

Contact information

The GAME School | STAUF-B 217
https://artsmediaengineering.asu.edu
ameed@asu.edu
480-965-9438

Merchandising, AA (HIMERCHAA)

College/School: Herberger Institute for Design and the Arts

Campus: ASU at Los Angeles

This program is not accepting applications at this time.

Program description

The Associate of Arts program in merchandising is a distinctly professional, hands-on degree program that teaches students the fundamentals of fashion merchandising.

Course offerings emphasize key skills sought across the fashion retail industry, such as merchandising, trend forecasting, consumer behavior analysis, retail management and branding. All courses are embedded within the principles of sustainability, producing the next generation of environmentally conscious industry leaders.

Los Angeles location
Students interested in using GI Bill® benefits should consider another ASU program.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education= benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors to another associate degree program. Students who wish to change to a bachelor's degree program should talk to their academic advisor.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMERCHAA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Career opportunities for graduates include merchandising, buying, trend forecasting, market research, visual merchandising and retail management.

Contact information

ASU FIDM | ART 151
https://asufidm.asu.edu/
asufidm@asu.edu
480-965-8521

Music, BA (FAMUSBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Arts program in music offers students a well-rounded liberal arts education with a strong foundation in music theory and history. Through lessons on their primary instrument and a comprehensive curriculum, students explore music as a reflection of human history, cultural heritage and social behavior. This flexible degree can be combined with another major or minor at ASU, enabling students to tailor their academic journey to their specific interests and career goals.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission).

Students must submit a separate music application which includes:

• personal statement

• resume detailing their engagement with music
• an example of the applicant's musicianship (e.g., YouTube video recording, SoundCloud page, Demo CD, blog, podcast, compositions, research paper on music)
• any other materials that showcase musicianship (repertoire list, additional examples of musicianship)

Students who wish to take studio instruction as part of the degree program must audition for the appropriate performance faculty members. Students choosing to audition for lessons should prepare the audition repertoire and sign up for an audition in the music application as indicated on the School of Music, Dance and Theatre website.

Application Deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student should submit the separate School of Music, Dance and Theatre supplemental application and adhere to the deadlines listed above. Students who want to change their major to the BA in music should visit the Change of Major form for information about how to change a major to this program. In addition, students who are interested in auditioning for lessons as a part of the curriculum should contact mdtadmissions@asu.edu (mailto:mdtadmissions@asu.edu) to schedule an audition.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze key creative and artistic processes from at least two musical styles and historical periods.
Analyze specific musical products within the context of a specific historic or cultural tradition.
Write research papers applying the conventions of scholarly discourse in music.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, music students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

music criticism and research, ethnomusicology and musicology
music entrepreneurship, concert management and promotion
music publishing
performing in community and professional ensembles in a variety of styles and traditions
teaching in a private studio or community program

Many graduates pursue a master's degree or a doctorate in music or another professional field.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSBA/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Music (Music and Culture), BA (HIMUSMCBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Arts program in music with a concentration in music and culture is a broadly based liberal arts degree program offering the most elective flexibility of any ASU music major.

Students develop artistic and research skills by performing, composing and writing about music of all genres including the classical and popular music of Western Europe and the United States as well as a range of forms and genres from the Middle East, Asia, Latin America and Africa.

Students may also focus on concepts across diverse cultures and styles, such as theories and practices of listening, acoustics, advocacy of wellness through music, ecomusicology, dance as musical embodiment, and teaching about music. They explore music as a cultural artifact, through the lenses of human history and social behaviors, and engage in interdisciplinary thinking and academic research and writing. Students may tailor both the general studies courses and the music electives to suit their career goals. The program supports students in their wide-ranging explorations, while emphasizing verbal and nonverbal thought and communication skills.

Second language requirement: Yes
STEM-OPT extension eligible: No

First required math course: Any math course that meets the MATH designation.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

The audition process for admittance to the music and culture concentration comprises the following:
• Students must submit a writing sample, which is evaluated by all musicology faculty members.
• Students must submit evidence of musicianship broadly defined (basic notational literacy plus live audition on, for example, didgeridoo, or gospel-style composition, or documented transdisciplinary installation including music), which is evaluated by all musicology faculty.
• Students must attend an interview with at least two musicology faculty members.
• Students who wish to take studio lessons as part of the degree must audition for the appropriate performance faculty members. Students should follow the audition requirements for the BA in music.

Application Deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards. Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMUSMCBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze key creative and artistic processes from at least two musical styles and historical periods.
Analyze specific musical products within the context of new musical fields, cultures, or practices.
Write research papers applying the conventions of scholarly discourse in music.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, music and culture students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates acquire skills applicable to careers in music and many other fields (e.g., librarianship, arts festival management or production, criticism, audience education, recruitment, artist representation, publishing and development, and creative writing). The program prepares graduates for potential careers in fields that require skilled written communication, the ability to conduct research both in electronic and print media, critical and logical thinking, the dissection of an argument, and careful time management. In addition to the careers listed below, graduates may pursue jobs in music and medical humanities or copyright and entertainment law.

Graduates are prepared to work in various professional capacities, including:

community and professional ensemble performance in a variety of styles and traditions
music criticism and research, ethnomusicology and musicology
music entrepreneurship, concert management and promotion
music in culture, music blogging
music librarianship

music publishing, program annotation
private studio or community program teaching

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/HIMUSMCBA/undergrad/false/1
mdtadmissions@asu.edu
480-965-5069

Music (Popular Music), BA (HIMUSPMBA)

College/School: Herberger Institute for Design and the Arts

Campus: Downtown Phoenix

Program description

The Bachelor of Arts program in music offers a popular music concentration, accommodating musicians who are interested in various popular music genres, such as singers, songwriters, laptop performers, producers, composers, instrumentalists and vocalists. Students can choose between performer and nonperformer tracks, following a flexible major map.

The program equips all students with foundational skills in musicianship, preparing them for specialized areas such as songwriting, production, composition, performance and more. Students engage in group and individual applied study, with opportunities that involve visiting artists and include industry exposure and professional development. Internships offer practical experience, while a capstone senior year deepens their craft. Students need a personal laptop with digital audio workstation capability, which may require purchasing music software applications. Classes are held at ASU's Downtown Phoenix campus.

The program fosters excellent musicianship, a strong understanding of the music industry, and business and entrepreneurial skills to ensure that students are well-prepared for careers in popular music.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Any math course that meets the MATH designation.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Audition Process for admittance to BA in Music (Popular Music) concentration:

Artist Statement:

All auditioning students must submit an artist statement explaining both their current work and vision of their future work in popular music. A minimum of 250 words is required.

Audition:
Live auditions or recorded auditions are required for admission to the BA program in popular music and for placement in MUP 111 Studio Instruction in popular music. A live audition consists of a 15-minute performance or presentation consisting of three to five selections of live or digital music performance. The selections may be original works or selections from popular music repertoire. The audition also includes scales, improvisation and aural skills. Students may also provide a recorded sample of their creative popular music work if they so choose.

For students seeking to pursue popular music performance, a live or recorded performance video is required for at least part of the audition. For other disciplines in which a video is not possible (studio recording, music creation and composition), students are required to submit a digital audio sound recording of three to five selections.

The audition also includes a live or remote interview. A live audition is preferred. Applicants who are unable to visit the campus for a live audition may upload a recorded audition to the School of Music, Dance and Theatre application. These students are contacted by faculty to arrange a remote interview.

Students interested in pursuing classical music lessons are required to follow the classical repertoire audition requirements for MUP 111 Studio Instruction in addition to auditioning for MUP 111 Studio Instruction in popular music.

Transfer admission requirements: Students transferring from community colleges, other universities or other ASU programs engage in the same audition process as first-year students.
Transfer students are encouraged to audition during the semester before they wish to enroll at ASU. They will also take piano and music theory diagnostic exams at that time to ensure placement in appropriate coursework.

Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMUSPMBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze key creative and artistic processes from a range of musical styles and historical periods.
Apply music industry studies as it pertains to popular and contemporary music industry starting from the late 19th century to modern day.
Execute professional level techniques in their chosen specializations.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, music students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates are prepared for careers in the popular music industry that involve creativity and creating new work, being a flexible musician, collaborating with others in the community, and having knowledge of music business and music marketing. Possible jobs include:

contemporary composer for film, TV and games
concert or artist manager and promoter
entrepreneur and music marketer
live event production and experience designer
label or music executive
musical director, arranger and publisher
music performer in the popular music sector
nonprofit arts-related professional
sound designer or studio engineer
songwriter, producer or teacher in a private studio

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/HIMUSPMBA/undergrad/false/1
mdtadmissions@asu.edu
480-965-5069

Music Learning and Teaching, BMUS (FAMUSEBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

In the Bachelor of Music program in music learning and teaching, students develop strong pedagogical and musical abilities to deepen and broaden music-making in varied styles and contexts, including contemporary digital music-making, through coursework and lab participation. Students also learn how to design and facilitate supportive, generative and equitable music programs that support all music students, helping them grow and thrive.

Upon completion, students can earn a K--12 teaching certification in Arizona with reciprocity in multiple states.

Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSEBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply skills needed for teaching music in K-12 classrooms, such as organized instructional plans, clear delivery, effective pacing and assessment techniques.
Develop a repertoire of teaching strategies appropriate to the developmental characteristics and learning styles of children and adolescents through observation and teaching experience.
Write research papers applying the conventions of scholarly discourse in music.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, music learning and teaching students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates can become music educators in a variety of K--12 school and community settings. They are prepared to teach in public and private school music programs that offer a variety of music classes and ensembles, including general music, choir, band, orchestra, strings, guitar, jazz, music production, music technology and popular music.

Graduates may also work in various professional or entrepreneurial capacities, including:

performing as a freelance musician in venues, such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
performing in community and professional ensembles in a variety of styles and traditions
presenting school and community programs as artist-in-residence
teaching and directing in a private studio or community program
working in music-related fields such as media production, music business, publishing, marketing and education

Many graduates pursue a master's degree or a doctorate in music learning and teaching, in music or the arts, or in another professional field.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSEBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Music Therapy, BMUS (FAMUSTHBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

Students in the Bachelor of Music program in music therapy learn to use carefully planned music interventions to achieve desired changes in a client's individualized behavior and functioning.

Music therapy is a profession that uses receptive and active music-making therapeutic relationships to help a client to achieve individual therapeutic goals. Music therapy students develop a wide range of musical, verbal and nonverbal skills through the program's many opportunities to work in clinical settings. Students also study:

- human anatomy
- musical improvisation
- popular music styles
- psychology
- songwriting
- special education
- music from different cultures

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTHBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply competent music foundation skills across their secondary instruments of voice, piano, and guitar.
Apply basic knowledge of the causes, symptoms of, and basic terminology used in medical, mental health, and educational settings to the implementation of therapeutic interventions.
Write research papers applying the conventions of scholarly discourse in music.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, music therapy students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates are eligible to sit for the music therapy certification examination given by the Certification Board for Music Therapists.

The program prepares students for a career in health care, community-based and special education settings. Positions are available regionally and nationally in hospitals, schools, rehabilitation centers, nursing homes and other health care facilities. Graduates are prepared to work in the fields of community music therapy and wellness, geriatric care, mental health, physical rehabilitation, and special education, or within veteran and military populations.

A music therapy career may also provide an opportunity for private practice with flexible hours.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSTHBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Performance (Collaborative Piano), BMUS (FAMUSPPBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Music program in performance with a concentration in collaborative piano offers private instruction in solo and collaborative piano; coaching with faculty members on chamber music, song, operatic and musical theatre repertoire; and opportunities with large ensemble and choral programs. This diverse training leads directly to vibrant collaborative performance experiences in all areas, including collaboration with colleagues in dance and theatre.

Collaborative piano students regularly perform with their vocal and instrumental colleagues in concerts at ASU and throughout the valley, including at Scottsdale Center for the Performing Arts, the Kerr Cultural Center, Tempe Center for the Arts and the renowned Musical Instrument Museum.

The program combines two years of focused study of solo piano repertoire and two years of collaborative piano training, and focuses on the core repertoire of song, piano chamber music, opera and musical theater. Collaboration within the School of Music, Dance and Theatre involves all performance areas, including classes and opportunities with the music theatre and opera programs, concerts with large ensembles and choirs, duo recitals with instrumental and voice colleagues, and performances of chamber music literature as part of the Visiting Quartet Residency program.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPPBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of one's instrument, as well as an overview of vocal and instrumental literature.
Evaluate piano and related repertoire and pedagogy to develop a unique musical style.
Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions.

Global opportunities

Global experience: Students who experience music in different countries expand their understanding of musical performance. Many ASU faculty members are involved in summer music festivals throughout the world and often bring their ASU students to experience this global environment of collaboration.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, piano students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

performing as a collaborative pianist with singers and instrumentalists
performing as a pianist with large instrumental ensembles
performing as a pianist for music recording and studio work

- rehearsing and performing as a pianist with choral ensembles
- rehearsing and performing as a pianist for musical theatre or opera productions
- teaching in a private studio or community music program
- working as a vocal coach
- working collaboratively in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music, or in another professional field.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSPPBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Performance (Guitar), BMUS (FAMUSPGBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

Guitarists pursuing an undergraduate degree in performance with a concentration in guitar participate in an active guitar studio and interact with distinguished faculty, teaching assistants and guest artists to achieve their career objectives. They participate in weekly technique workshops and guitar ensemble and studio classes. All guitar students work together each week to achieve the shared goal of students being able to express themselves musically while emphasizing the skills they need to pursue careers as professional musicians.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this program should reference the audition requirements listed in the admission requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPGBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of their instrument.
- Students will be able to critically evaluate their instrument's repertoire and pedagogy to develop a unique musical style.
- Graduates will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

Global opportunities

Global experience: Students who experience music in different countries can expand their understanding of musical performance. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, guitar students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist, in chamber music ensembles or as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as an artist-in-residence
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSPGBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Performance (Jazz), BMUS (FAMUSPJBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Music program in performance with a concentration in jazz prepares students for professional careers and leadership roles in jazz and related fields of contemporary music by promoting flexible musicianship and an understanding of the jazz tradition.

The curriculum includes course offerings in jazz performance, composition, arranging, history, theory, aural skills and pedagogy and is designed to incentivize artistic expression, innovation, and the exploration of blues-based improvisation, bebop, Latin jazz, swing and soul music.

Students in the jazz studies program find an abundance of performance opportunities in the many university ensembles and professional groups that perform in the greater Phoenix metropolitan area.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics

Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPJBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Execute long-range performance projects.
Analyze musical elements and social uses of music, including in interactions between performers and composers.
Develop performance practices in the context of jazz genres, demonstrating familiarity with the repertoire of the student's instrument.

Global opportunities

Global experience: Students who experience music in different countries can expand their understanding of musical performance. Their exposure to unique and diverse cultural environments enables them to develop an understanding of other forms of artistic expression. Global Education opportunities (https://goglobal.asu.edu/) can shape students musically while offering the global perspective and knowledge they need when pursuing a career as a professional musician in an international environment.

With over 300 Global Education options available to them, whether in a foreign country, in the U.S. or online, students can tailor their experience to their interests and skill sets. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career opportunities

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

accompanying
composing or arranging jazz
performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
recording and studio work
teaching in a private studio or community program
working in music-related fields such as media production and music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSPJBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Performance (Keyboard), BMUS (FAMUSPKBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Music program in performance with a concentration in keyboard focuses on the study of literature and techniques of the piano or organ. Goals include enabling students to express themselves musically while emphasizing the skills that are necessary to pursue a career as a professional musician. The course of study includes extensive performance experience.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this program should reference the audition requirements listed in the admission requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPKBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Students will develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of their instrument.
> Students will be able to critically evaluate their instrument’s repertoire and pedagogy to develop a unique musical style.
> Graduates will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

Global opportunities

Global experience: Students who experience music in different countries can expand their understanding of musical performance. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, performance students are able to tailor their experience to their specific interests and skill sets. Whether in a

foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared for work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as an artist-in-residence
- recording and studio work
- teaching privately or in a professional music school or college or university program
- working in music-related fields such as media production or music business, publishing or marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSPKBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Performance (Music Theatre), BMUS (FAMUSPMBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Music program in performance with a concentration in music theatre is an intensive, performance-oriented program.

Training includes private voice lessons every semester of study, as well as specialized instruction in acting, dance, audition techniques, technical production, repertoire classes, scene study and performance.

A distinct feature of this program is an innovative sequence of musical theatre performance courses designed to synthesize all the abilities necessary to succeed as a professional musical theatre performer.

ASU stands out in that students may receive professional training in both opera and musical theatre in a broad variety of musical theatre styles, from traditional to contemporary. Two musicals and two operas are produced each year, plus new works and student-led productions. The annual showcases in New York City and Phoenix, as well as formal collaborations with Arizona Opera and The Phoenix Theatre Company, provide additional performance opportunities and valuable career immersion experiences for all students.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Once admitted to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPMBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will synthesize music theatre performance practices and techniques in the context of diverse musical and theatrical settings and genres, demonstrating familiarity with the literature and different music theatre contexts and styles.
Students will apply knowledge of music theatre repertoire in context of musical and social history and theory in performance practice.
Graduates will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, music theatre students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

This degree program is designed for individuals who plan a career as a performing singer and actor in opera, operetta, musicals and other forms of musical theatre. Graduates become conductors, teachers, singers and actors and are prepared to work in various professional capacities, including performance:

at universities, colleges and schools
in national touring companies
on Broadway

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Performance (Orchestral Instrument), BMUS (FAMUSPOBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Music program in performance with a concentration in an orchestral instrument offers a focused study of music literature and advanced techniques for a specific orchestral instrument. Students benefit from coaching by distinguished faculty and visiting guest artists, master classes, and extensive performance opportunities in large ensembles and chamber groups, and as soloists.

Over eight semesters, students engage in intensive study of major repertoire, solo literature and chamber music with a dedicated faculty mentor. In addition to receiving musical training, students develop essential skills for success as professional musicians, including audition preparation, networking, organizational strategies, opportunity creation and fostering an entrepreneurial mindset.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this program should see the audition requirements listed in the admission requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPOBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of their instrument.
Evaluate an instrument’s repertoire and pedagogy to develop a unique musical style.
Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions.

Global opportunities

Global experience: Students who experience music in different countries can expand their understanding of musical performance. They are exposed to distinct and diverse cultural environments that enable them to develop an understanding of other forms of artistic expression. Global Education opportunities (https://goglobal.asu.edu/) can shape the student musically while offering the global perspective and knowledge they need to pursue a career as an international professional musician.

With more than 300 Global Education options available to them, whether in a foreign country, in the U.S. or online, students are able to tailor their experience to their unique interests and skill sets. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs for students majoring in performance. (https://goglobal.asu.edu/students/major/herberger/music)

Career opportunities

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist; as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks; or in orchestras, chamber music ensembles, music theatre and opera pit ensembles
- presenting school and community programs
- recording and studio work
- teaching privately or as part of a college or university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

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Performance (Voice), BMUS (FAMUSPVBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Music program in performance with a concentration in voice focuses on the study of vocal technique, repertoire and performance while emphasizing the skills necessary for a career as a classical singer. The program provides extensive performance experience and an inclusive and supportive environment with opportunities to explore many different singing styles.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place on campus in November (spring admission) and in January and February

(fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If an applicant is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who want to change their major to this one should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPVBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will develop vocal performance practices and techniques in the context of diverse musical settings and genres, demonstrating familiarity with voice-specific literature and different singing styles.
Students will be able to critically evaluate vocal repertoire and pedagogy to develop a unique musical style.
Graduates of the voice concentration of the BMus in performance will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

Global opportunities

Global experience: Students who experience music in different countries can expand their understanding of musical performance. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, performance students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates are prepared to work in various professional and entrepreneurial capacities, including:

performing as a soloist, stage performer, choral singer or freelance musician in venues such as opera houses, theatres, concert halls, churches, clubs, cruise ships, resorts, restaurants and theme parks
recording and studio work
teaching in a private studio or community program
working in music-related fields such as media production; music business, publishing or marketing; or arts administration

Many graduates pursue a master's degree or a doctorate in music or another professional field.

Contact information

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480-965-5069

Performance and Movement, BA (HIPERMVBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Arts program in performance and movement is a transdisciplinary degree program that encourages students to develop collaborative approaches to learning with cultural awareness and professional industry skills across the performing arts.

This degree program offers three focus areas:

Dance and theatre: This focus area is designed for dancers who seek experience working with theatrical performance and acting, actors and performers who seek to balance text and voice work with movement exploration, and writers and directors who want to explore a wide range of approaches to live performance.

Social and partnership dance: This dance focus area seeks to prepare future Afro-Latin social and ballroom dance leaders with pedagogical, performance and community-building strategies to help meet the need for local and national community engagement in social dance as a means to create social transformation and change.

Hip Hop arts: The Hip Hop arts focus area spans various forms of Hip Hop artistry and expression through in-studio

courses and hands-on application. It also connects students with scholars and practitioners to embrace the community of Hip Hop culture: dance, music, visual and voice.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIPERMVBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students graduating with a BA in performance and movement will be able to apply creative processes in their art-making that reflect contemporary understandings of dance and theatre practices.
- Graduates will be able to execute the stages of long-range creative projects.
- Students graduating from the BA in performance and movement will be able to implement culturally sensitive, ethical and socially grounded teaching, facilitation, and community-building practices.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the BA in performance and movement are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

The bachelor's degree program in performance and movement provides an excellent broad-based foundation for work in the arts or entertainment professions and readies students for further creative development and research via graduate programs or conservatories. The program's liberal arts framework, combined with rigorous physical practice and culturally aligned performance standards prepares graduates for a variety of occupations in both performance and movement related fields. Opportunities may include work with:

arts entrepreneurship
professional performing
studio ownership and management
themed entertainment

Contact information

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Theatre, BA (FATHEBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Arts program in theatre provides students with a hands-on theatre education within a broad range of academic opportunities. Every student is encouraged to develop their own creative skills through collaboration and to pursue a variety of theatre and performance areas.

The program offers specialty coursework in the following areas:

• acting and directing
• community engagement
• design and production
• dramatic literature and dramaturgy
• educational certification and teaching artistry
• intimacy coordination
• new work development and playwriting
• theatre history
• theatre for youth
• voice and movement

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FATHEBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Execute the stages of long-range creative projects.

Explain how theatre shapes the cultural and political landscapes of societies.
Apply key creative and artistic processes relevant to their area of focus in theatre (design processes, historical research for production, development of performer skills with an eye toward production, etc.).

Global opportunities

Global experience: Students studying theatre can find inspiration and deepen their understanding of theater through a study abroad program. Study abroad provides an opportunity for students to explore their creative side through an intercultural lens. Not only do the programs encourage students to build communication skills, but they also challenge them, as artists, to think differently.

With over 300 options available, Global Education (https://goglobal.asu.edu) programs give students a breadth of knowledge in arts and culture distinctly different from their own. Whether in a foreign country, in the U.S. or online, students are challenged to adapt and persevere, and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Vital qualities in the field of theater, such as leadership, teamwork and communication, can be developed and honed abroad. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career opportunities

The bachelor's degree program in theatre provides an excellent foundation for work in the arts and entertainment and prepares graduates for further training at graduate schools or conservatories.

The program's broad range of academic opportunities prepares graduates for a variety of occupations in the entertainment industry. Opportunities may include work with:

arts entrepreneurship
concert venues
corporate events
literary agencies
schools and training programs
theatre and arts festivals
theme parks

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Theatre (Acting), BA (FATHEABA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

The Bachelor of Arts program in theatre with a concentration in acting provides students with a hands-on education that emphasizes performance in both live theatre and recorded media. Within the context of a comprehensive liberal arts education, the program prepares students for advanced graduate study in the field and for entry-level careers in acting and performance. The program offers specialty coursework in the following areas:

• accent work
• acting for film, television and new media

• devising
• intimacy direction and coordination
• movement
• new work development
• stage combat
• voice-over

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students interested in the BA in theatre with a concentration in acting are admitted directly into the major by indicating their degree preference on their ASU admission application.

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors into this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand their GPA must be brought up to a 2.50 or above within one semester to remain in good standing. An ASU student who is returning to this major (having previously studied this major in a prior semester) must have a minimum cumulative GPA of 2.50.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=FATHEABA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply, through performance, foundational creative processes of live theatre and film.
Explain how theatre shapes the cultural and political landscapes of societies.
Execute creative projects or performances targeting the area of live performance and creation fitting students' career plans.

Global opportunities

Global experience: Students studying theatre can find inspiration and deepen their understanding of theater through a study abroad program. Study abroad provides an opportunity for students to explore their creative side through an intercultural lens. Not only do the programs encourage students to build communication skills, but they also challenge them, as artists, to think differently.

With over 300 options available, Global Education (https://goglobal.asu.edu) programs give students a breadth of knowledge in arts and culture distinctly different from their own. Whether in a foreign country, in the U.S. or online, students are challenged to adapt and persevere, and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Vital qualities in the field of theater such as leadership, teamwork and communication can be developed and honed abroad. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career opportunities

The bachelor's degree program in theatre with a concentration in acting provides an excellent broad-based foundation for work in the profession. It prepares students for advanced graduate study and independent career pursuits in performance. Students are offered advanced study that can lead to careers in professional theatre, film, television, media, education and other related arts disciplines.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FATHEABA/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Theatre (Design and Production), BA (FADSNPRBA)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

This Bachelor of Arts program in theatre with a concentration in design and production provides students with opportunities to hone their craft while creating exciting work on stage. The concentration provides each student with the distinct opportunity to explore their own creative process, while enhancing their ability to collaborate with others.

The program offers specialty coursework in the following areas:

• costume construction, design and technology
• digital fabrication
• lighting design and stage electrics
• media design and technology
• properties construction
• scenic design, art and construction
• sound design and technology
• sound and media systems design
• stage management
• technical direction

In addition to building knowledge and skills, concentration students are mentored by professional designers and technicians to successfully transition from college to their future careers in entertainment design and production, or to graduate programs for additional training.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer admission requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors into this program and would be new to this major must have a minimum cumulative GPA of 2.25 and understand their GPA must be brought up to a 2.50 or above within one semester to remain in good standing. An ASU student who is returning to this major (having previously studied this major in a prior semester) must have a minimum cumulative GPA of 2.50.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADSNPRBA~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply individual creative and artistic processes relevant to their area of focus within theatre (production techniques, design processes, historical research for production, etc.)
Use collaborative practices to solve complex problems; preparing, planning and communicating across areas of the theatre to successfully complete long-range creative projects.
Explain how theatre shapes the cultural and political landscapes of societies.
Develop a comprehensive toolkit for self-promotion and to showcase their production experiences.

Global opportunities

Global experience: Study abroad can prepare a future professional in the arts not only with cultural experiences but also with professional skills such as collaboration and problem-solving. Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to explore their creative side through an intercultural lens, encouraging them to build communication skills and challenging them, as artists, to think differently.

With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture distinctly different from their own. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere through a program that provides them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Career opportunities

The bachelor's degree program in theatre with a concentration in design and production provides an excellent foundation and specialized training for those who want to work as designers or technicians in the performing arts and entertainment industries. Additionally, the program's liberal arts emphasis prepares graduates for further training in graduate schools.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FADSNPRBA/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Theory and Composition (Composition), BMUS (FAMUSTCBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

Students pursuing the Bachelor of Music in theory and composition must choose a concentration in either theory or composition.

Composition students focus on developing varied techniques for writing music for assorted genres and media, including chamber, orchestra and electronic music, and film and video scoring. Students have multiple performance opportunities each year, including readings by the ASU Symphony Orchestra and visiting ensembles, year-long residencies with the ASU Wind Bands and the Philharmonia Orchestra, commissions for the PRISMS contemporary music festival, and collaborations with student performers and student animators, filmmakers and dancers.

This degree program provides extensive faculty interaction and professional development. Students have opportunities to broaden their skills in compositional techniques from a wide variety of styles and traditions, with emphasis on fostering their personal approach to composition. The opportunity to collaborate with music scholars, theorists, performers, educators and other composers provides students with a broad and well-rounded foundation for careers in music.

Students interested in the theory concentration can look into the BMUS in theory and composition program with a concentration in theory (https://degrees.apps.asu.edu/bachelors/major/ASU00/FAMUSTTBM/theory-and-composition-theory) for more information.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on a composition interview (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview). Interviews take place in November (spring admission) and February (fall admission) of each year.

Admission to the music program is highly selective and based on an interview process. Students are admitted as music audition students and must successfully complete the composition interview before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the interview milestone in the first semester to gain admission into the program.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 1.

Fall admission: The deadline to apply for admission to this program is December 1.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 1.

Fall admission: The deadline to apply for admission to this program is December 1.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors to this program should reference the interview requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTCBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze key creative and artistic processes from at least two musical styles and historical periods.
Critique specific musical products within the context of a specific historic or cultural tradition.
Apply theoretical understanding of musical techniques to composing music in varied styles.

Global opportunities

Global experience: Music transcends language and cultural boundaries, and students deepen their understanding of composition through study abroad (https://goglobal.asu.edu/) experiences. Students gain an enhanced understanding of how music affects culture and how they can communicate globally through their compositions.

With more than 300 programs around the world available to them, students can build the experience most suited to

their personal goals and skill sets. More information on available programs can be found on the Global Education website.

Career opportunities

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions
- serving as an artist-in-residence in school programs
- teaching in a private studio and community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or another professional field.

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSTCBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Theory and Composition (Theory), BMUS (FAMUSTTBM)

College/School: Herberger Institute for Design and the Arts

Campus: Tempe

Program description

Students pursuing the Bachelor of Music program in theory and composition choose a concentration in either theory or composition.

The theory concentration provides opportunities to dive into the science behind how people perceive and understand music while developing fluency with the theoretical foundations of musical analysis. Students collaborate with expert faculty members and peers who share their curiosity for how music interacts with critical aspects of human experience such as memory, emotion, culture and meaning. Through coursework, students learn techniques to analyze form, melody, harmony, rhythm and timbre across diverse styles of music and develop research skills to generate new insights about musical experience.

Students interested in the composition concentration can look into the BMus in theory and composition with a concentration in composition (https://degrees.apps.asu.edu/bachelors/major/ASU00/FAMUSTCBM/theory-and-composition-composition) program for more information.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (https://musicdancetheatre.asu.edu/admission). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (https://musicdancetheatre.asu.edu/admission/apply-music-major/audition-interview) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on the audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. If a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains a music audition major and must successfully pass the music audition milestone in the first semester to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer admission requirements: Transfer applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application deadlines: Students should review the complete music deadline (https://musicdancetheatre.asu.edu/admission/apply-music-major) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

An ASU student who would like to change majors to this program should reference the audition requirements listed in the Admission Requirements section above.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTTBM~null&college=CHI) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze key creative and artistic processes from at least two musical styles and historical periods.
Critique specific musical products within the context of a specific historic or cultural tradition.
Conduct scholarly research on topics in music theory resulting in scholarly papers and/or presentations.

Global opportunities

Global experience: Students may deepen their understanding of music theory through ASU's study abroad experiences. They gain an enhanced understanding of how music affects culture and how they can communicate globally through music.

With more than 300 programs around the world available to them, students can build the experience most suited to their personal goals and skill sets.

Career opportunities

Graduates find work in many fields, such as arts administration, media production, music technology, music business, publishing and marketing.

Graduates are prepared to work in various professional capacities, including:

arranging and composing
music research and data analysis
performing in ensembles in a variety of styles and traditions
teaching in a private studio or community program
teaching music theory

Many graduates pursue a master's degree or a doctorate in music or in another related professional field (e.g., psychology, musicology, music business).

Contact information

School of Music, Dance and Theatre | MUSIC E167
https://musicdancetheatre.asu.edu/bachelors-degrees/majorinfo/FAMUSTTBM/undergrad/false/1
MDTAdmissions@asu.edu
480-965-5069

Engineering, Ira A. Fulton Schools of

Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Bachelor of Science program in aeronautical management technology with a concentration in air traffic management provides a technical foundation in the air traffic control procedures used by air traffic controllers in control towers and radar facilities.

Students acquire a strong background in aircraft operations and business principles, and gain management skills through coursework specific to air traffic control and aviation. As part of the degree program, students are required to take courses that qualify them to earn their airline dispatcher certificate.

This intensive program of classroom study and laboratory practice uses state-of-the-art air traffic control simulators to enhance and reinforce classroom study. Students receive training in the methodologies and technologies that are currently being developed for the next generation of air traffic control systems. Students develop the skills of analytical thinking, clear and concise communication, problem-solving and teamwork.

ASU is a partner in the FAA Air Traffic Collegiate Training Initiative and is accredited by the Aviation Accreditation Board International.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The Federal Aviation Administration has minimum requirements for employment in civil aviation. Students should see https://www.faa.gov/jobs/career_fields/aviation_careers (https://www.faa.gov/jobs/career_fields/aviation_careers/) for more information. Graduates of the program are not guaranteed employment by the FAA. Students who do not have U.S. citizenship may be admitted to the program but are not eligible for employment by the FAA.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAMTATBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, aeronautical management technology students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

The Federal Aviation Administration's 2020 Controller Workforce Plan projects that the agency plans to hire more than 8,500 new controllers by 2029 to keep pace with the expected attrition rate and traffic growth. A total of 9,596 new controllers are expected to be hired in the period 2019 to 2029. The increase in the volume of air traffic requires more controllers to handle the additional work. New computerized systems assist controllers by automatically making many of the routine decisions, allowing controllers to handle more traffic and thus increasing their productivity.

Despite the clear demand for new controllers in the immediate future, competition for admission to the FAA-approved training programs is expected to remain intense because there are generally many more applicants than openings. Graduates who have met all the FAA requirements are eligible to be considered for employment.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure

(https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Aviation Programs | SUTON 240
https://poly.engineering.asu.edu/aviation/
polyadvising@asu.edu
480-727-1874

Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The air transportation management concentration of the Bachelor of Science program in aeronautical management technology provides students with a strong foundation in aviation concepts, including airline administration, airport planning, aviation law and policy, and human factors, as well as technical knowledge focusing on power plants, structures and aerodynamics. Students progress into courses on the business, management and operational aspects of aviation. All students finish the program by participating in an internship within industry and completing a capstone project.

The Aviation Accreditation Board International accredits this program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTMBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The aviation industry is a global one, and understanding intercultural communication is vital to succeeding in it. Through the rich educational and interpersonal experiences inherent in study abroad, students learn to thrive in a global environment.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

A resume enhanced by valuable study abroad experiences impresses prospective employers and helps the student stand out should they decide to pursue advanced study.

Career opportunities

Graduates with a degree in air transportation management are prepared for careers in:

- airline management
- airline operations management
- airport management
- aviation consulting
- fixed-base operations management
- general aviation operations management

This program prepares graduates for leadership positions within airlines, at airports, and in government, consulting and entrepreneurial enterprises.

Graduates are also prepared to enter into entrepreneurial ventures and for government positions with organizations such as the Federal Aviation Administration, the Department of Transportation and the National Transportation Safety Board.

Contact information

Aviation Programs | SUTON 240
https://poly.engineering.asu.edu/aviation/air-transportation-management/
polyadvising@asu.edu
480-727-1874

Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Students in the professional flight concentration of the Bachelor of Science program in aeronautical management technology learn to fly in an academic environment that prepares graduates for careers as professional pilots.

Flight training is offered by an ASU-approved flight provider in late-model aircraft equipped with state-of-the-art avionics.

Students may take advantage of pathway agreements for guaranteed interviews with regional air carriers.

This program is for students who are seriously interested in becoming professional airline pilots. Graduates are prepared to assume responsibilities in a wide variety of technically related areas within professional aviation flight operations.

The Aviation Accreditation Board International accredits this program, and the Federal Aviation Administration certifies flight and ground instruction.

Additional course-related fees apply; students should see the program website (https://poly.engineering.asu.edu/aviation/professional-flight-bs/) for more information.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
This major has additional admission requirements (https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process), including Federal Aviation Administration requirements. Students are admitted with preprofessional status and must complete additional requirements for admission to the professional program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students who wish to change their major to professional flight must have a minimum cumulative ASU GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTFBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. Study abroad programs (https://goglobal.asu.edu/) offered around the globe give students insight into the study of professional flight. Students can further their skills in communication and administration and gain commercial experience while in an international setting.

Career opportunities

The professional flight concentration offers students private pilot, commercial pilot and flight instructor certificates as well as instrument pilot, instrument instructor and multiengine pilot ratings. With these flight qualifications and

technically based bachelor's degree, graduates have a wide variety of career opportunities, including flight crew service on commercial and business aircraft as an airline or corporate pilot.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Aviation Programs | SUTON 240
https://poly.engineering.asu.edu/aviation/professional-flight-bs/
polyadvising@asu.edu
480-727-1874

Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The unmanned aerial systems concentration of the Bachelor of Science program in aeronautical management technology prepares students for careers in the rapidly growing area of unmanned aerial systems, including operations, remote sensing, data collection and analysis.

The concentration incorporates all aviation management technology core courses and unmanned aerial systems concentration courses. Students receive an overview of unmanned aerial systems operations, followed by coursework that enables them to acquire detailed knowledge of relevant systems, technology (ground control stations; data links; flight planning and operations; search, detect and avoid technologies; and payloads), and sensor operations. A critical aspect of this academic area of study is the data capture and transfer of the sensor information collected from the unmanned aerial vehicle.

This innovative concentration brings together the most up-to-date and relevant aspects facing multiple industries today by addressing flight system planning and operations and the employment of the systems in the congested National Airspace System.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00 to change majors to this program. Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTUASBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Unmanned aerial systems are used across the globe. Students who participate in a study abroad experience learn a great deal about global practices, laws and emerging technologies within the aviation field.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, aeronautical management technology students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Students graduate from this program ready to find various employment opportunities as unmanned aerial vehicle pilots and sensor operators in the U.S. and throughout the world. This concentration prepares students to operate small to midrange platforms that are used by emergency responders and in industries including forestry, agriculture, energy and oil. Entry-level pay is competitive for this highly specialized field.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Aviation Programs | SUTON 240
https://poly.engineering.asu.edu/aviation/unmanned-aerial-systems-bs/
polyadvising@asu.edu
480-727-1874

Aerospace Engineering (Aeronautics), BSE (ESAEROBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The aerospace engineering curriculum provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems. The aeronautics concentration under the Bachelor of Science in Engineering program in aerospace engineering emphasizes engineering and the design of aircraft, helicopters, missiles and other vehicles that fly through the atmosphere.

Topics in required courses cover aerodynamics, aerospace materials, aircraft structures, flight mechanics, propulsion, and stability and control. Required astronautics topics include altitude control and orbital mechanics.

Students in the aerospace engineering program are expected to attain the following outcomes:
• an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
• an ability to apply engineering design to produce solutions that meet specified needs, with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
• an ability to communicate effectively with a variety of audiences
• an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
• an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
• an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
• an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Aerospace Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Aerospace Engineering, MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission requirements shown below, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exams score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in all critical courses: MAE 201 Mechanics of Particles and Rigid Bodies I: Statics, MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics, MAE 213 Mechanics of Materials, and MAE 242 Introduction to Fluid Mechanics

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEROBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply principles of mathematics and science to solve complex engineering problems (ABET Outcome).
- Apply engineering design to a student project with consideration of public welfare/other factors (ABET Outcome).
- Develop and conduct engineering experiments, and analyze and interpret data (ABET Outcome).

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, aerospace engineering students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere,

and are exposed to research and internships across the world, increasing their professional network.

The Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/aerospace-engineering-bse) for students majoring in aerospace engineering.

Career opportunities

The majority of students who enter the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service and their employment, graduates of the aerospace engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should attain one or more of the following objectives within a few years of degree completion:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree program in aerospace engineering, leading to positions of increasing responsibility and leadership within the organization
- admission to a graduate degree program in aerospace engineering or another technical field
- admission to a professional degree program, such as law or business, in accordance with the graduate's specific interests and abilities

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/aerospace-engineering-aeronautics/
semte@asu.edu
480-965-2335

Aerospace Engineering (Astronautics), BSE (ESAEASBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science in Engineering program in aerospace engineering provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems.

The astronautics concentration curriculum covers:

• attitude determination and control
• elective topics in aeronautics
• gas dynamics
• orbital mechanics
• rocket propulsion
• space environment
• space structures
• telecommunications

Students in the astronautics concentration culminate their major study with a capstone design project that incorporates the multiple disciplines involved in the creation of a space-going vehicle.

Students in the program are expected to attain the following outcomes:
• an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
• an ability to apply engineering design to produce solutions that meet specified needs, with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
• an ability to communicate effectively with a variety of audiences
• an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
• an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
• an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
• an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Aerospace Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Aerospace Engineering, MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria

• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in all critical courses: MAE 201 Mechanics of Particles and Rigid Bodies I: Statics, MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics, MAE 213 Mechanics of Materials, and MAE 242 Introduction to Fluid Mechanics

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEASBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply principles of mathematics and science to solve complex engineering problems (ABET Outcome)
- Apply engineering design to a student project with consideration of public welfare/other factors (ABET Outcome)
- Develop and conduct engineering experiments, and analyze and interpret data (ABET Outcome).

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, aerospace engineering students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/aerospace-engineering-bse) for students majoring in aerospace engineering.

Career opportunities

The majority of students who enter the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development

- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

Through volunteering, entrepreneurial endeavors, community service and their employment, graduates of the aerospace engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should attain one or more of the following objectives within a few years of degree completion:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree program in aerospace engineering, leading to positions of increasing responsibility and leadership within their organization
- admission to a graduate degree program in aerospace engineering or another technical field
- admission to a professional degree program, such as law or business, in accordance with the graduate's specific interests and abilities

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/aerospace-engineering-astronautics/
semte@asu.edu
480-965-2335

Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Emerging emphasis on autonomous aircraft technology and operations in military and civilian sectors signals a new era within the aeronautical community that is focused on autonomous vehicles and systems.

The Bachelor of Science in Engineering program in aerospace engineering with a concentration in autonomous vehicle systems provides graduates with knowledge and skills required for any career in aerospace engineering, plus those specific to unmanned aerial vehicles and systems.

The curriculum is structured to give students general exposure to the engineering of autonomous aircrafts.

Students in the program are expected to attain the following outcomes:
• an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
• an ability to apply engineering design to produce solutions that meet specified needs, with consideration of public

health, safety and welfare, as well as global, cultural, social, environmental and economic factors
• an ability to communicate effectively with a variety of audiences
• an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
• an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
• an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
• an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

All paths through this concentration satisfy accreditation criteria for aerospace engineering.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Aerospace Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Aerospace Engineering, MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/graduate/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in all critical courses: MAE 201 Mechanics of Particles and Rigid Bodies I: Statics, MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics, MAE 213 Mechanics of Materials, and MAE 242 Introduction to Fluid Mechanics

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEAVSBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply principles of mathematics and science to solve complex engineering problems. (ABET Outcome)
- Apply engineering design to a student project with consideration of public welfare and other factors. (ABET Outcome)
- Develop and conduct engineering experiments, and analyze and interpret data. (ABET Outcome)

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, aerospace engineering students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/aerospace-engineering-bse) for students majoring in aerospace engineering.

Career opportunities

Graduates with a degree in this concentration are prepared for a career in the aerospace industry, focusing on unmanned vehicles.

The aerospace engineering program has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and employment, graduates of the aerospace engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the program should have attained one or more of the following objectives within a few years of degree completion:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree program in aerospace engineering, leading to positions of increasing responsibility and leadership within the organization
- admission to a graduate degree program in aerospace engineering or another technical field
- admission to a professional degree program, such as law or business, in accordance with the graduate's specific interests and abilities

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/aerospace-engineering-autonomous-vehicle-systems/
semte@asu.edu
480-965-2335

Applied Science (Aviation), BAS (TSAMTABAS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The concentration in aviation within the Bachelor of Applied Science is for students who have received training and education in some aspect of the air transportation industry, such as air transportation management, flight or aviation maintenance, as part of their associate degree. Students receive an orientation in management practices.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: Any math course with the MATH general studies designation will satisfy the math requirement.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available to first-year students.

Transfer admission requirements: This BAS program allows students who have an applicable AAS degree from an accredited institution to transfer 60 credit hours toward a BAS degree at ASU. Following transfer to ASU, students pursuing this degree may have more than 60 credit hours to complete in order to obtain their BAS. Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the BAS degree. Students should work with their academic advisor to ensure their courses meet degree requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students interested in changing to this BAS program must have completed a related AAS degree at a regionally accredited college.

A current ASU student must have a minimum cumulative ASU GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTABAS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. Study abroad programs (https://goglobal.asu.edu/), offered around the globe, give students insight into the study of aviation. Students can further their skills in communication and administration, and gain commercial experience while in an international setting. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career opportunities

Graduates are prepared for advanced positions in the aviation management field, including:

- airline manager
- airline operations manager
- airport manager
- aviation consultant
- entrepreneur
- fixed base operator
- general aviation operations manager

Graduates are also prepared for government positions with the Federal Aviation Administration, the Department of Transportation and the National Transportation Safety Board.

Contact information

Aviation Programs | SUTON 240
https://poly.engineering.asu.edu/aviation/

polyadvising@asu.edu
480-727-1874

Applied Science (Graphic Information Technology), BAS (TSGITBAS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices.

The Bachelor of Applied Science program with a concentration in graphic information technology prepares students to become visual design technologists with skills in front-end web design and development, printing and digital publishing, commercial photography and video production, and motion graphics and visual effects. This is an intensive program of study emphasizing theory and hands-on laboratory practice.

The graphic information technology program allows students who have an applicable Associate of Applied Science from an accredited institution to transfer 60 credit hours toward a BAS degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their BAS upon transfer to ASU. Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the BAS degree. Students should work with their academic advisor to ensure that their courses meet degree requirements.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Graphic Information Technology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree in a similar field, such as animation, desktop publishing, digital arts, digital photography, e-learning design, game technology, graphic design, video production technology or web design.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students interested in changing to this BAS degree must have completed a related AAS degree at a regionally accredited university in a similar program, such as graphic design, animation, visual communication, web design and development, commercial photography and video.

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-information-technology-bas/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSGITBAS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Synthesize technical information into written and visual documentation for cross-media projects.
- Sketch solutions to cross-media problems utilizing industry-standard workflows.
- Implement appropriate industry-standard tools and techniques for managing complex cross-media projects.

Global opportunities

Global experience: Students learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting. Through the rich educational and interpersonal experiences inherent in study abroad, students learn to thrive in a global environment.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

A resume enhanced by the valuable study abroad experience impresses prospective employers and helps the student stand out should they decide to pursue advanced study.

Career opportunities

The graphic information technology program prepares graduates for technical and management positions in visual design in such diverse areas as:

- art direction
- commercial photography and video production
- front-end web design and development
- graphic design
- motion graphics, animation and game art
- premedia, digital printing and publishing
- production management
- quality assurance of graphic and visual design products
- technical and digital media production
- user experience and user interface design
- video editing
- visual design

Contact information

Graphic Information Technology | SUTON 240
https://poly.engineering.asu.edu/git/bas-in-graphic-information-technology/
polyadvising@asu.edu
480-727-1874

Applied Science (Internet and Web Development), BAS (TSIWDBAS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Applied Science program with a concentration in internet and web development is an intensive program of study emphasizing hands-on laboratory practice. Students develop skills in front-end web design and development, including advanced web markup and scripting, user experience design, usability, multimedia design and

emerging web technologies.

Students who have an applicable Associate of Applied Science degree from an accredited institution may transfer 60 credit hours toward a bachelor's degree at ASU, and students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward this program. Upon transfer to ASU in pursuit of this BAS, students may have more than 60 credit hours to complete. Students should work with their academic advisor to ensure that their courses meet degree requirements.

All courses for this program are available on campus and through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Graphic Information Technology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree in digital animation, graphic design, media arts, web design or web development.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students interested in changing to this BAS degree must have completed a related AAS degree at a regionally accredited university.

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-internet-and-web-development/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIWDBAS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply industry-level knowledge of web design and development key concepts and best practices to provide web-based solutions
- Propose solutions to complex web design and development projects utilizing industry-standard tools and techniques
- Construct effective user interactions and system functionalities in web-based systems

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, internet and web development students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared for careers in front-end website design and development, usability and user experience design, user interface design and visual design.

Contact information

Graphic Information Technology | SUTON 240
https://poly.engineering.asu.edu/bas-internet-and-web-development/
polyadvising@asu.edu
480-727-1874

Applied Science (Operations Management), BAS (TSIMCOBAS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

Graduates of the Bachelor of Applied Science program with a concentration in operations management are able to provide strategic focus and meet organizational objectives by implementing best practices, managing people and creating value.

Students who have an applicable Associate of Applied Science from an accredited institution may transfer 60 credit hours toward a bachelor's degree at ASU, and students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward this program. Following transfer to ASU in pursuit of this BAS degree, students may have more than 60 credit hours to complete. Students should work with their academic advisor to ensure that their courses will meet degree requirements.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: Any math course with the MATH general studies designation will satisfy the math requirement.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree from a regionally accredited institution. This program is not available to first-year students.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students interested in changing to this BAS degree program must have completed a related AAS degree at a regionally accredited institution and have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-operations-management-technology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIMCOBAS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Implement industrial management of technology, management of processes, and management of human capital.
- Demonstrate proficiency in collaborating with diverse team members through a professional team presentation that conveys innovation improvements for businesses or organizations.
- Apply systems thinking, data-driven decision making, and research to optimize decisions to solve complex problems for a variety of industries and organizations.
- Demonstrate proficiency in critical thinking by developing a strategic management plan that includes analysis of issues, assumptions, evidence and implications.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, operations management students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

The BAS program with a concentration in operations management technology prepares undergraduate students for supervisory and management functions in industry, manufacturing, public service and other service organizations.

Contact information

Tech Entrepreneurship & Mgmt | SUTON 240
https://poly.engineering.asu.edu/tem/
polyadvising@asu.edu
480-727-1874

Biomedical Engineering, BSE (ESBMEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The Bachelor of Science in Engineering program in biomedical engineering provides students with in-depth knowledge to translate an idea for a health solution into a viable prototype of a biomedical device.

With knowledge gained from courses that cover engineering and life sciences and that tie the two together, students are able to apply their skills in an ethical and sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/), under the General Criteria and the Bioengineering and Biomedical Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 3.00 in ASU courses (or equivalents) in CHM 114, MAT 265, MAT 266, BIO 181, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/biomedical-engineering/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students studying biomedical engineering gain valuable hands-on experience when studying abroad --- experience that enhances their resumes. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, biomedical engineering students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Biomedical engineers are primarily employed in:

- governmental regulatory agencies
- hospital and research facilities
- medical and educational institutions
- medical device, biotechnology and pharmaceutical industries

In industry, they may work in all aspects of product development, including:

- business development
- manufacturing
- marketing
- quality
- regulatory compliance
- research and design
- sales

Because of their background in both the engineering and medical fields, biomedical engineers often serve a coordinating or interfacing function and have a key role in transdisciplinary teams. Government positions may involve evaluating new technologies, testing product quality and safety, and setting standards.

In the hospital, biomedical engineers serving in a clinical engineering function may provide advice on the selection and use of medical equipment, and supervise performance testing and maintenance. Biomedical engineers may also build customized devices for special health care, rehabilitation or research needs.

Contact information

Harrington Bioengineering Program | ECG 334
https://sbhse.engineering.asu.edu/

sbhse.advising@asu.edu
480-965-3028

Biomedical Engineering (Biological Devices), BSE (ESBMEBDBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science in Engineering program in biomedical engineering with a concentration in biological devices provides students with in-depth knowledge of cell biology and helps them learn to apply that knowledge to solve engineering problems pertinent to medicine and other fields, including synthetic biology.

The biomedical industry has many branches that require depth of understanding of cell biology and its techniques, including immunohistochemical diagnostics, blood-contacting materials, controlled-release therapeutics and local delivery of therapeutics.

With courses that cover engineering and life sciences and that tie the two together, graduates are able to apply their skills in an ethical and sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/ (http://www.abet.org/), under the General Criteria and the Bioengineering and Biomedical Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 3.00 in ASU courses (or equivalents) in CHM 114, MAT 265, MAT 266, BIO 181, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMEBDBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, biomedical engineering students are able to tailor their experience to their unique interests and skill sets.

Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates of this program are well qualified for entry-level positions in various areas, including quality assurance, regulatory affairs and project management. Graduates are also highly qualified to seek advanced degrees if they wish to pursue research and design positions.

Contact information

School of Biological & Health Systems Engineering | ECG 334
https://sbhse.engineering.asu.edu
sbhse.advising@asu.edu
480-965-3028

Biomedical Engineering (Biomedical Devices), BSE (ESBMEMDBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science in Engineering program in biomedical engineering with a concentration in biomedical devices provides students with in-depth knowledge to translate an idea for a health solution into a viable prototype of a biomedical device.

With knowledge gained from courses that cover engineering and life sciences and that tie the two together, students can apply their skills in an ethical and sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/), under the General Criteria and the Bioengineering and Biomedical Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 3.00 in ASU courses (or equivalents) in CHM 114, MAT 265, MAT 266, BIO 181, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMEMDBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, biomedical engineering students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are well-qualified for entry-level positions in the biomedical industry in various areas, including quality assurance, regulatory affairs and project management. Graduates also are highly qualified to seek advanced degrees if they wish to pursue research and design positions.

Contact information

School of Biological & Health Systems Engineering | ECG 334
https://sbhse.engineering.asu.edu/
sbhse.advising@asu.edu
480-965-3028

Chemical Engineering, BSE (ESCHEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Chemical engineering deals with the application of chemistry, physics and mathematics to the process of converting raw materials or chemicals into more useful or valuable forms. Chemical engineering also involves the design of valuable new materials and chemical products. The modern discipline of chemical engineering is intertwined with biology and biomedical engineering.

The Bachelor of Science in Engineering program in chemical engineering builds on a broad base of knowledge within the basic and mathematical sciences and engineering.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/), under the General Criteria and the Chemical, Biochemical, Biomolecular Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Chemical Engineering, MS

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer credit hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria

• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in ASU courses (or equivalents) in FSE 100, CHM 113, CHM 116, MAT 265, MAT 266, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCHEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Apply key principles in engineering and applied chemistry through chemical process design.
> Demonstrate the ability to effectively communicate in written and oral methods in student assignments including an oral project defense and lab report.
> Apply fundamental knowledge of mathematics, science, and engineering to complex chemical engineering problems.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) give students an important opportunity to develop valuable skills and have experiences that help to grow their self-confidence and enable them to develop their communication skills, giving them an advantage.

Students learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting. Participation in a Global Education program exposes students to unique environments and cultures, challenges them to adapt and persevere, helps them increase their professional and educational networks, and enhances their portfolio of experience through the kinds of hands-on research and community-based opportunities they need to compete and succeed in today's challenging and quickly changing STEM fields.

The Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/chemical-engineering-bse) for students majoring in chemical engineering.

Career opportunities

Graduates are prepared for excellent career opportunities. Chemical engineers are engaged in the development and production of a diverse variety of products, including high-performance materials needed for aerospace, automotive,

biomedical, electronic and environmental applications. They have traditionally played a key role in industries as varied as:

artificial fibers
biotechnology
ceramics
food
glass
petrochemicals
petroleum
plastics
primary metals
semiconductors
specialty chemicals

Chemical engineering graduates are also in great demand in many newer fields, such as biomedical engineering and modern materials science (composites, superconductors), and those that center on solving environmental problems.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Chemical Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/chemical-engineering-bse/
semte@asu.edu
480-965-2335

Civil Engineering, BSE (ESCEEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Civil engineering majors in the Ira A. Fulton Schools of Engineering have two choices within the accredited Bachelor of Science in Engineering program: civil engineering and civil engineering with the sustainable engineering concentration. Regardless of choice, the BSE in civil engineering is accredited by ABET.

Civil engineering involves the analysis, planning, design, construction, maintenance and application of sustainable practices in all areas of urban infrastructure for government, commerce, industry and the public domain. These include airports, bridges, canals, dams, factories, office towers, roadway systems, schools, tunnels and subway systems, and water purification facilities. Civil engineers are concerned with the impact their projects have on the public and the environment --- they coordinate the needs of society with technical and economic feasibility.

The curriculum exposes students to the following areas of civil engineering, with a strong emphasis on sustainability:

• construction engineering
• environmental engineering
• geotechnical engineering
• hydrosystems engineering

• structures
• transportation

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Civil Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Construction Engineering, MSE

Public Administration, MPA

Environmental Engineering, MS

Civil, Environmental and Sustainable Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum ACT composite score of 24, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24, or minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 3.00 in ASU courses (or equivalents) in FSE 100, MAT 265, MAT 266, MAT 242, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in civil engineering to learn intercultural applications of design and technology skills through hands-on learning and cultural engagement in an international setting.

Whether in a foreign country, in the U.S. or online, students build communication skills and learn to adapt and persevere, and they are exposed to research and internships across the world, which increases their professional network. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The expanded education that students acquire while participating in a Global Education program (https://goglobal.asu.edu/) demonstrates to employers their ability to thrive in a global environment, helping them to stand out when pursuing their choice of careers in a competitive industry.

Career opportunities

ASU graduates with a bachelor's degree in civil engineering readily find employment. Civil engineers work in many different types of companies, including large corporations and small, private consulting firms, as well as government agencies. A civil engineering background is an excellent foundation for jobs in management and public service.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or eventually establishing one's own consulting business.

The bachelor's degree program prepares graduates for the Fundamentals of Engineering examination, the Principles and Practice of Engineering exam, and graduate degree programs.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Civil, Environmental and Sustainable Eng Program | HLMK 437
https://ssebe.engineering.asu.edu/undergraduate/civil/
sebe.advising@asu.edu
480-965-0595

Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Civil engineering majors have two options within the accredited Bachelor of Science in Engineering program: civil engineering and civil engineering with sustainable engineering concentration. Regardless of choice, the BSE in civil engineering is accredited by ABET.

The bachelor's degree in civil engineering with a concentration in sustainable engineering incorporates systems modeling and life cycle approaches to assessing the resiliency and material selection across all areas of urban infrastructure or the built environment currently addressed within the civil engineering degree. The program is designed to expose students to material from several disciplines that comply with the principles of economic, social and ecological sustainability and apply these principles to traditional civil engineering areas.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/), under the General Criteria and the Civil Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Construction Engineering, MSE

Public Administration, MPA

Civil, Environmental and Sustainable Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency

courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 3.00 in ASU courses (or equivalents in FSE 100, MAT 265, MAT 266, MAT 242, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEESUBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 programs available, study abroad (https://goglobal.asu.edu/) enables students to tailor their experience to their unique interests and skill sets. Students in sustainable engineering are able to gain hands-on experience in a variety of countries.

Graduates stand out in a competitive field when their resume is enhanced with the heightened cultural competency, and leadership and critical thinking skills they acquired while studying abroad. More information on available programs can be found on the Global Education website.

Career opportunities

Civil engineers with knowledge of sustainable engineering may find employment in many different types of companies, including large corporations and small, private consulting firms, as well as government agencies.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or eventually establishing one's own consulting business.

Graduates of the program are prepared for the Fundamentals of Engineering examination, the Principles and Practice of Engineering examination, and graduate degree programs.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Civil, Environmental and Sustainable Eng Program | HLMK 437
https://ssebe.engineering.asu.edu/undergraduate/civil/
sebe.advising@asu.edu
480-965-0595

Computer Science, BS (ESCSEBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The Bachelor of Science program in computer science aims to produce graduates who are well prepared to pursue careers in a wide variety of computing-related fields or to embark on further studies in graduate degree programs.

The program is anchored with core courses that provide a solid foundation in theoretical and practical aspects of computer science and ensure that students have the requisite critical thinking, effective programming and problem-solving skills in a variety of modern programming languages, with an emphasis on understanding security and systems issues.

The program caters to a variety of interests in subfields of computer science and related disciplines. Students have access to a flexible set of electives that enable them to develop, as part of their programs of study, in-depth knowledge and skills in artificial intelligence, machine learning, robotics, database systems, informatics, or other engineering and science disciplines. Students can also pursue concentrations in software engineering or cybersecurity as part of their degree program.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/), under the General Criteria and the Computer Science Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science, MS

Computer Engineering (Computer Systems), MS

Computer Science (Big Data Systems), MS

Computer Science (Cybersecurity), MS

Robotics and Autonomous Systems (Artificial Intelligence), MS

Computer Science (Biomedical Informatics), MS

Computer Science (Big Data Systems), MCS

Data Science, Analytics and Engineering (Computing and Decision Analytics), MS

Computer Science, MCS

Computer Science (Cybersecurity), MCS

Computer Science (Media Arts and Sciences), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5,

2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and MAT 266 Calculus for Engineers II

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-computer-science/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers, and it also helps the student stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online,

students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Computer science professionals design, analyze and improve the quality of computer software and systems. Graduates of this program secure employment in a variety of capacities, such as computer and software design, and development of information technologies. Their jobs are often distinguished by the high level of theoretical expertise applied to solving complex problems and to the creation and application of new computing technologies.

Computer science graduates work in a variety of areas, including:

- artificial intelligence
- computer vision
- cybersecurity
- graphics
- information management
- multimedia
- networking

Computer science-related jobs include:

- creating computer games and graphics systems
- designing artificial intelligence systems
- developing mobile computing applications
- developing network security applications
- discovering data management and mining solutions for large-scale data analytics
- inventing and implementing more efficient computing systems for managing data and information, including information retrieval and search on the Internet

With the theoretical foundation built into the program, computer science graduates can excel in system and software development, as well as in designing effective computing solutions for emerging and challenging problems in modern society. Skills in system development and research can lead to entrepreneurial activity that produces innovative computing products and services.

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/computer-science-bs/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Science (Cybersecurity), BS (ESCSEIBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science program in computer science with a concentration in cybersecurity provides students with the knowledge and skills they need to build dependable and secure information systems and networks and to ensure the integrity and quality of information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals

(NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships, such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information, students can visit the Cybersecurity and Trusted Foundations (https://ctf.asu.edu/) website.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Computer Science Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science, MS

Computer Science (Big Data Systems), MS

Computer Science (Cybersecurity), MS

Computer Science (Biomedical Informatics), MS

Computer Science (Big Data Systems), MCS

Computer Science, MCS

Computer Science (Cybersecurity), MCS

Computer Science (Media Arts and Sciences), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and 266 Calculus for Engineers II

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEIBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers and also helps the student stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Computer scientists are highly sought-after in multiple areas of industry, including education, logistics, tech, government and security.

Graduates of the BS program in computer science with a concentration in cybersecurity find employment in a variety of capacities, including computer system and software development, and research on information assurance technologies. Related jobs include these areas:

analyzing computer forensic data
designing secure information systems and databases
developing secure software
information security consulting
secure computer and network applications

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/computer-science-bs/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Science (Software Engineering), BS (ESCSESBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The software engineering concentration of the Bachelor of Science program in computer science is appropriate for computer science students seeking careers as software engineers. Students learn advanced processes, methodologies and tools for developing and testing large and small software applications in emerging areas such as:

• databases
• enterprise systems
• interoperable systems
• mobile computing
• service-orientated computing

They also learn cybersecurity concepts and techniques, principles of human--computer interaction, and methods for developing these applications. The curriculum prepares students to assume leadership roles in software development organizations while practicing professional standards. Additionally, students are prepared to work on emerging

software technology within the context of software engineering life-cycle activities.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Computer Science Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science, MS

Computer Science (Big Data Systems), MS

Computer Science (Cybersecurity), MS

Computer Science (Biomedical Informatics), MS

Computer Science (Big Data Systems), MCS

Computer Science, MCS

Computer Science (Cybersecurity), MCS

Computer Science (Media Arts and Sciences), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and 266 Calculus for Engineers II

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSESBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers and helps the student stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Career opportunities are plentiful for software engineers.

Graduates of the software engineering concentration have the knowledge and skills to work across the spectrum of software development process activities, including:

architecture
coding
project management
quality assurance
requirements engineering
testing

Job opportunities include these positions:

software analyst
software architect
software engineer
software task leader
software tester

Graduates find employment in large and small organizations that develop, deploy and manage software systems. They work on all types of projects, such as large, complex engineering systems, distributed banking, financial and government software, and gaming.

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/computer-science-bs/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Systems Engineering, BSE (ESCSEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science in Engineering program in computer systems engineering focuses on the analysis, design, testing, integration and evaluation of hardware and software systems. The curriculum is grounded in many engineering disciplines, including the applications of science and technology to the design of:

• computer architecture
• cybersecurity
• digital circuits
• distributed and embedded systems

• networking
• operating systems

Students engage in the design of integrated hardware and software solutions for computing, communication and control applications, and they practice many aspects of engineering activities, such as the development of:

• computer networks
• embedded and ubiquitous systems
• high-performance computer systems
• individual digital components

Students become skilled in interfacing different pieces of hardware and software components, and systems with products to create new capabilities and improved quality and performance.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Computer Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science, MS

Computer Engineering (Computer Systems), MS

Computer Science (Big Data Systems), MS

Computer Science (Cybersecurity), MS

Robotics and Autonomous Systems (Artificial Intelligence), MS

Computer Science (Biomedical Informatics), MS

Computer Science (Big Data Systems), MCS

Data Science, Analytics and Engineering (Computing and Decision Analytics), MS

Computer Science, MCS

Computer Science (Cybersecurity), MCS

Computer Science (Media Arts and Sciences), MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in all critical courses: CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and MAT 266 Calculus for Engineers II

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers and helps the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Computer systems engineers are employed in industry, government, education and consulting firms, where they engage in the design, development and operation of hardware and software systems of computer and networking equipment.

Computer systems engineers often focus on engineering problems or challenges of emerging computer systems, including those that involve chips, device controllers, embedded systems and high-performance computing servers. Their jobs usually involve research into, and design and development of, computer hardware and software for practical applications. Their work results in innovative, state-of-the-art products that integrate computing and communication capabilities, such as those in:

- avionics and space vehicles
- digital television and photography
- intelligent highways and control systems for vehicles
- mobile devices and smart applications
- new apparatuses for health care and for the sight-impaired or others with physical disabilities
- security and defense systems

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/computer-systems-engineering/

SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Systems Engineering (Cybersecurity), BSE (ESCSEIBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science in Engineering program in computer systems engineering with a concentration in cybersecurity provides students with the knowledge and skills they need to build dependable and secure information systems and networks and to ensure the integrity and quality of the information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships, such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information, students can visit the Cybersecurity and Trusted Foundations (https://ctf.asu.edu/) website.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Computer Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science, MS

Computer Science (Big Data Systems), MS

Computer Science (Cybersecurity), MS

Computer Science (Biomedical Informatics), MS

Computer Science (Big Data Systems), MCS

Computer Science, MCS

Computer Science (Cybersecurity), MCS

Computer Science (Media Arts and Sciences), MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum SAT score of 1210 for evidence-based reading and writing plus math or minimum ACT composite score of 24, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum SAT score of 1210 for evidence-based reading and writing plus math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in all critical courses: CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and MAT 266 Calculus for Engineers II

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEIBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers and helps the student stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Computer scientists are highly sought-after in diverse areas and industries, including education, logistics, tech, government and security.

Graduates of the BSE program in computer systems engineering with a concentration in cybersecurity find employment in a variety of capacities, such as developing computer systems and software, and conducting research on information assurance technologies. Related jobs include:

- computer forensic data analysis
- information security consulting
- information systems security engineering
- network security engineering
- secure information systems and networks design

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Computer Science and Engineering Program | CTRPT 105

https://scai.engineering.asu.edu/computer-systems-engineering/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Construction Engineering, BSE (ESCONBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science in Engineering program in construction engineering is designed for students who wish to gain a professional engineering license while working at the interface of design and construction. It is attractive to students interested in a career that emphasizes the construction of infrastructure.

The degree program's engineering design and construction management courses include a focus on sustainability and building information modeling topics. Construction management content includes construction methods, contract management, cost and schedule control, people management and project estimating.

The curriculum's design content includes structures, geotechnical engineering and transportation. Students are further prepared with the computer, management, technical and people skills they need to succeed.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/ (https://www.abet.org/), under the General Criteria and the Construction Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Construction Engineering, MSE

Civil, Environmental and Sustainable Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum SAT score of 1210 for evidence-based reading and writing plus math or minimum ACT composite score of 24, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in ASU courses (or equivalents) in FSE 100, MAT 265, MAT 266, MAT 242, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCONBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students gain valuable experiences through study abroad (https://goglobal.asu.edu/) that enhance their resumes. With more than 300 programs available, study abroad enables students to tailor their experience to their unique interests and skill sets. Students in construction engineering are able to gain hands-on experience in a variety of countries. In a competitive field, students stand out with the heightened cultural competency, and leadership and critical thinking skills they have acquired studying abroad.

Career opportunities

The construction engineering graduate, with this strong background in design and management, is prepared to enter a career in the engineering and construction industry as a field engineer, project engineer or project designer. Potential employers include:

- construction companies
- design firms
- facility owners
- material suppliers
- specialty subcontractors

Graduates have the unique skills needed to take on the role of integrator in the delivery of design-build projects or development activities. As their careers progress, graduates should be able to take on leadership roles in the delivery of sustainable facilities in the built environment, advancing to successively higher levels of management responsibility. The graduate should be particularly attuned to the design and construction of heavy civil and industrial facilities, meeting the infrastructure needs of society.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Construction Engineering | HLMK 437
https://ssebe.engineering.asu.edu/undergraduate/construction-eng/
sebe.advising@asu.edu
480-965-0595

Construction Management and Technology, BS (ESCONMGTBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

In the Bachelor of Science program in construction management and technology, students specialize in construction and facility management. They learn to organize, lead and manage the building construction business processes

related to real estate, facility and infrastructure projects.

Construction management is the most vital function on a job site. Construction managers represent the interests of the building owner or the contractor and interact with architects, engineers, subcontractors, vendors and suppliers to ensure the success of construction projects in the built environment.

This program focuses on the business of construction and technology, such as building information modeling.

Students learn the basics of design; the construction methods specific to each type of construction (heavy, residential, commercial, specialty); and the process of sustainable or green construction. They learn how to estimate, schedule and control the costs of a project and what it takes to manage the people involved and the various types of contracts. Graduates have the computer, management, technical and people skills they need to succeed.

This is one of two construction programs in the state of Arizona and one of approximately 80 accredited programs in the nation.

This program is accredited by the American Council for Construction Education: https://www.acce-hq.org/ (https://www.acce-hq.org/)

Accredited by the Applied and Natural Science Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Construction Management Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Construction Management and Technology, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet either the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.50 for 24 or more transfer hours, and
• minimum GPA of 2.75 in ASU courses (or equivalents) in CON 100, CON 101, CON 252, MAT 170 and CON 244

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/undergraduate/construction-management-technology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCONMGTBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students enhance their resumes with the valuable experience they gain through study abroad (https://goglobal.asu.edu/). With over 300 programs available, study abroad enables students to tailor their experience to their specific interests and skill sets. Students in construction management and technology are able to gain hands-on experience, heightened cultural competency, and leadership and critical thinking skills while studying abroad. They earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career opportunities

The construction management and technology program provides a foundation for those who wish to pursue careers as project managers, project engineers, estimators or schedulers and eventually become principals of firms engaged in the construction of industrial, commercial or residential projects.

Graduates of the heavy construction emphasis area are prepared for careers related to public works such as highways, airports, bridges, utility systems, and water or waste treatment facilities.

Graduates of the commercial and residential emphasis areas are prepared for careers in real estate development, home production systems, commercial construction, health care and special industrial building projects. They are also prepared to enter the sustainable or green construction market.

Graduates of the specialty construction emphasis are prepared to organize, lead and manage the building process at the subcontractor level and for careers as contractors working with mechanical and electrical systems. They are also prepared for careers in management at specialty contracting firms, such as those with expertise in control systems, electrical distribution or heating, and ventilation and air conditioning systems for large and complex facilities such as data centers, health care organizations, semiconductor manufacturing plants and commercial facilities.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Del E. Webb Construction | HLMK 437
https://ssebe.engineering.asu.edu/undergraduate/construction-mgmt/

sebe.advising@asu.edu
480-965-0595

Electrical Engineering, BSE (ESEEEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The Bachelor of Science in Engineering program in electrical engineering prepares students for positions as electrical engineers.

Following initial coursework in mathematics and sciences, the foundation courses enable students to build a solid base of engineering knowledge. The electrical engineering curriculum includes a number of required upper-division electrical engineering and technical elective courses in such areas as circuits, communication, signal processing, control systems, computer engineering, electromagnetics, electric power, energy systems, physical electronics, photonics, photovoltaics and quantum engineering.

Approved technical elective courses provide students with an opportunity either to broaden their background in electrical engineering or to study in greater depth the technical subjects in which they have special interest.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org/ (http://www.abet.org/), under the General Criteria and the Electrical and Electronics Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Electrical Engineering, MSE

Exploration Systems Design, MS

Electrical Engineering, MS

Computer Engineering (Electrical Engineering), MS

Data Science, Analytics and Engineering (Electrical Engineering), MS

Robotics and Autonomous Systems (Electrical Engineering), MS

Astrophysics and Astronomy, MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.50 for 24 or more transfer hours, and
• minimum GPA of 2.75 in MAT 265, MAT 266, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-engineering-electrical-engineering/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEEEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts; ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives

Global opportunities

Global experience: Students gain valuable experience when studying abroad (https://goglobal.asu.edu/) and enhance their resumes. With more than 300 programs available, study abroad enables students to tailor their experience to their unique interests and skill sets. Students in electrical engineering are able to gain hands-on experience in a variety of international locations. In a competitive field, students stand out with the heightened cultural competency and the leadership and critical thinking skills they gained when studying abroad. More information on available programs can be found on the Global Education website.

Career opportunities

Graduates of the BSE program in electrical engineering find many exciting opportunities in industry. These include positions with:

communication equipment and network providers
computer and peripheral device manufacturers and defense organizations
consulting companies
electric power utilities
semiconductor chip designers and manufacturers

Graduates are also prepared for continued learning experiences, either in a formal graduate program or in continuing education applications.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

The Bachelor of Science in Engineering program in electrical engineering with a concentration in electric power and energy systems prepares students for positions in industries that deal with the generation, transmission and use of electric power. Generation includes conventional power generation (fossil fuel and nuclear) and alternative energy systems, such as solar, wind and fuel cells.

Students in this program first complete the foundation courses in math, science and engineering. Next, they take the pathway course in energy systems and power electronics, and complete nine of the 15 technical elective credit hours with electrical power and energy systems courses. The senior design capstone project focuses on the area of electric power and energy systems.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org/), under the General Criteria and the Electrical and Electronics Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes

First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Electrical Engineering, MSE

Exploration Systems Design, MS

Electrical Engineering, MS

Robotics and Autonomous Systems (Electrical Engineering), MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.50 for 24 or more transfer hours, and
• minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (MAT 265 Calculus for Engineers I, MAT 266 Calculus for Engineers II, PHY 121 University Physics I: Mechanics, and PHY 122 University Physics Laboratory I)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/electrical-engineering-electric-power-and-energy-systems-bse/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEEEPBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
Apply knowledge of mathematics, science, and engineering, with focus on electrical power systems.

Global opportunities

Global experience: Students gain valuable experience when studying abroad, experience that enhances their resumes. With more than 300 programs available, study abroad (https://goglobal.asu.edu/) enables students to tailor their experience to their unique interests and skill sets. Students in electrical engineering are able to gain hands-on experience in a variety of international locations. In a competitive field, students stand out with the heightened cultural competency as well as leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website.

Career opportunities

Career opportunities for graduates with a concentration in electric power and energy systems include positions with:

engineering consulting firms
entrepreneurial startups
power equipment manufacturers
research and design organizations
state, federal and municipal agencies
utility companies

This concentration also prepares students to pursue graduate degrees in the areas of:

power generation
power systems
power transmission and distribution
renewable and sustainable energy sources

Graduates are also prepared for continued learning experiences, either in a formal graduate program or in continuing education applications.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Electrical Engineering Program | GWC 209
https://ecee.engineering.asu.edu/
askee@asu.edu
480-965-3424

Engineering, BSE (TSEGRBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Bachelor of Science in Engineering program in engineering prepares graduates to collaborate across disciplines in order to design and build solutions to practical problems.

In the BSE program, students apply engineering fundamental knowledge and design thinking to actual projects every semester. They choose a disciplinary concentration that enables them to develop in-depth knowledge in a specific area, and they choose a secondary focus area. This flexibility enables students to tailor their degree in a way that helps them to achieve their individual career and life goals. Students are able to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability, and the program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Students can choose from the following concentrations: automotive systems, electrical systems, mechanical engineering systems and robotics.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Engineering, General Engineering, Engineering Physics, and Engineering Science Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET)

Global opportunities

Global experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (https://goglobal.asu.edu/) provides students with the heightened cultural competency, and leadership and critical thinking skills that will help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.

Graduates are prepared to work in large corporations, government agencies and small businesses, and to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/engineering/bse-engineering/
polyadvising@asu.edu
480-727-1874

Engineering (Automotive Systems), BSE (TSEGRASBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Bachelor of Science in Engineering program in engineering with a concentration in automotive systems prepares graduates who are able to collaborate across disciplines to design and build solutions to actual problems.

In the program, students apply fundamental engineering knowledge and design thinking to practical projects every semester. Students in this concentration first build a broad engineering foundation, on which they add the skills and knowledge necessary for vehicle design and testing. The curriculum focuses on automotive engineering fundamentals, including powertrain engineering and chassis system design, as well as hands-on projects that involve designing, analyzing and building actual automotive systems.

Graduates with this concentration of the BSE are able to provide leadership in automotive engineering settings, especially in automotive testing and hybrid propulsion systems, which are intrinsically transdisciplinary.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org), under the General Criteria and the Engineering, General Engineering, Engineering Physics, and Engineering Science Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Secondary Education (Teacher Certification), MEd

Engineering, MS

Manufacturing Engineering, MS

Technology (Management of Technology), MSTech

Robotics and Autonomous Systems (Systems Engineering), MS

Global Management, MGM

Management of Technology, MS

Clean Energy Systems, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRASBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
> Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
> Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET)

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers and helps students stand out when they pursue advanced study.

With over 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability that many employers seek.

Graduates of the automotive concentration are prepared for employment in companies related to the automotive industry, from large original equipment manufacturing companies and their testing grounds, to smaller specialty or aftermarket companies. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Because of the transdisciplinary nature of the BSE, graduates also have opportunities to perform functions traditionally associated with mechanical, manufacturing, automation and development engineers.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/engineering/bse-engineering
polyadvising@asu.edu
480-727-1874

Engineering (Clean Energy Systems), BSE (ESEGRCEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Fossil fuel dependency puts future generations in jeopardy when these energy sources are depleted, and it threatens the survival of life on the planet through global warming effects. The goal of the concentration in clean energy systems within the Bachelor of Science in Engineering program is to educate engineers in promoting and establishing new and renewable energy sources for reducing carbon footprints. Emphasis on clean energy systems is truly a global phenomenon, and there is a need for collaborative work on a global scale ranging from developing ideas for new designs to implementing those designs into viable energy production systems. This program prepares students to collaborate across disciplines to design and build solutions to practical problems.

BSE students apply fundamental engineering knowledge and design thinking to real projects every semester. Students in the clean energy systems concentration build a broad engineering foundation to which they add the skills and knowledge they need in order to contribute clean energy systems expertise in transdisciplinary engineering teams; students learn energy conversion processes and gain knowledge and skills in batteries, photovoltaics, fuel cells, wind

energy and solar heating. This expertise includes hybrid energy systems and applications.

The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability, and the program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Engineering, General Engineering, Engineering Physics, and Engineering Science Program Criteria.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
or MAT 266, MAT 267, MAT 275 or MAT 343
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering, MS

Management of Technology, MS

Clean Energy Systems, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00 to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEGRCEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, engineering students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students are encouraged to leverage available resources such as study abroad programs, internships at international industry partners and multinational team participation on developing new design ideas.

Career opportunities

Graduates have the knowledge and skills necessary to be successful in the area of clean energy systems and related applications, including:

- emerging technology areas that utilize clean energy resources such as batteries, fuel cells, wind and solar energy
- the fields of electric and hybrid vehicles, autonomous vehicle systems, and power generation from alternate energy sources
- other related industries as the transition from traditional to other energy sources takes place in all sectors of engineering

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/engineering/
polyadvising@asu.edu
480-727-1874

Engineering (Electrical Systems), BSE (TSEGRESBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Bachelor of Science in Engineering program in engineering prepares graduates to collaborate across disciplines as they design and build solutions to relevant, practical problems.

BSE students apply fundamental engineering knowledge and design thinking to authentic projects every semester. Students in the electrical systems concentration of the program build a broad engineering foundation, to which they add the skills and knowledge they need to contribute electrical subject matter expertise on transdisciplinary engineering teams. This expertise includes theory and application of sensors, actuators, microcontrollers and microprocessors, as well as the integration of these components into electrical and mechatronic systems. The electrical systems curriculum also provides students with significant hands-on experience designing and implementing electrical and mechatronic systems to meet the needs of users.

The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org (http://www.abet.org), under the General Criteria and the Engineering, General Engineering, Engineering Physics, and Engineering Science Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Secondary Education (Teacher Certification), MEd

Engineering, MS

Manufacturing Engineering, MS

Technology (Management of Technology), MSTech

Robotics and Autonomous Systems (Systems Engineering), MS

Global Management, MGM

Management of Technology, MS

Clean Energy Systems, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRESBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET)

Global opportunities

Global experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (https://goglobal.asu.edu/) provides students with the heightened cultural competency as well as leadership and critical thinking skills that help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and increase their professional network.

Career opportunities

Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.

Engineers with electrical expertise are in high demand in many industry sectors, especially manufacturing, utilities, and communications and defense systems. Electrical systems also pervade the service sectors in areas such as health care, finance, education and entertainment.

Graduates of this program have the broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams and well suited for employment across a broad spectrum of engineering endeavors. They are prepared to work in large corporations, government agencies and small businesses, and to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/engineering/bse-engineering
polyadvising@asu.edu
480-727-1874

Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Bachelor of Science in Engineering program in engineering prepares graduates to collaborate across disciplines to design and build solutions to practical problems.

BSE students apply fundamental engineering knowledge and design thinking to authentic projects every semester.

Students in the program's mechanical engineering systems concentration build a broad engineering foundation, on which they add the skills and knowledge they need to contribute mechanical subject matter expertise on transdisciplinary engineering teams. This expertise includes theory and application of materials, machine design, thermal fluid systems, and energy and power from a systems perspective. The mechanical systems curriculum also provides significant hands-on experience designing and implementing mechanical systems to meet the needs of users.

The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Engineering, General Engineering, Engineering Physics, and Engineering Science Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Secondary Education (Teacher Certification), MEd

Engineering, MS

Manufacturing Engineering, MS

Technology (Management of Technology), MSTech

Robotics and Autonomous Systems (Systems Engineering), MS

Global Management, MGM

Management of Technology, MS

Clean Energy Systems, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRMEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design engineering systems, components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
- Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET)

Global opportunities

Global experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (https://goglobal.asu.edu/) provides students with the heightened cultural competency, and leadership and critical thinking skills that help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and increase their professional network.

Career opportunities

Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.

Engineers with mechanical expertise are in high demand in many industry sectors, including transportation, agriculture, a wide variety of process industries, product development, manufacturing, and energy and defense systems. Mechanical engineers also work in close collaboration with other engineering disciplines in many fields, including biomedical, building and construction, transportation and aerospace.

Graduates from this program have a broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams and well-suited for employment across the whole spectrum of applications. They are prepared to work in large corporations, government agencies and small businesses, and to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/engineering/bse-engineering/
polyadvising@asu.edu
480-727-1874

Engineering (Robotics), BSE (TSEGRRBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Bachelor of Science in Engineering program prepares graduates to collaborate across disciplines to design and build solutions to practical problems.

BSE students apply fundamental engineering knowledge and design thinking to authentic projects every semester. Students in the robotics concentration of the BSE program build a broad engineering foundation to which they add the skills and knowledge they need to contribute robotics subject matter expertise on transdisciplinary engineering teams. This expertise includes electromechanical systems, sensor and actuator integration, embedded digital systems application, and design and analysis of dynamic systems. The robotics curriculum also provides significant hands-on experience designing and implementing robotics systems to meet the needs of users.

The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Engineering, General Engineering, Engineering Physics, and Engineering Science Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a

rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Secondary Education (Teacher Certification), MEd

Engineering, MS

Manufacturing Engineering, MS

Technology (Management of Technology), MSTech

Robotics and Autonomous Systems (Systems Engineering), MS

Global Management, MGM

Human Systems Engineering (Intelligent Systems), MS

Management of Technology, MS

Clean Energy Systems, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRRBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics (ABET)

Global opportunities

Global experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (https://goglobal.asu.edu/) provides students with the heightened cultural competency, and leadership and critical thinking skills that help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and increase their professional network.

Career opportunities

Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.

Robotics plays an increasingly important role in many industries, including manufacturing, automotive, defense systems, biomedical devices and aerospace.

Graduates from this program have a broad base of technical knowledge in the design and implementation of robotic electromechanical systems. In addition, they have the operational and communication skills that make them invaluable members of multidisciplinary engineering teams and well-suited for employment across the whole spectrum of applications. They are prepared to work in large corporations, government agencies and small businesses, and to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Engineering Programs | SUTON 240
https://poly.engineering.asu.edu/engineering/bse-engineering/
polyadvising@asu.edu
480-727-1874

Engineering Management, BSE (ESEMGBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Some accelerated combinations are not available to ASU Online students. Interested students should contact their academic advisor for more information.

Program description

The Bachelor of Science in Engineering program in engineering management is designed to provide students with skills required for effective management and leadership of engineering-driven enterprises.

The curriculum provides a breadth of engineering science and design, with depth in one specific area suitable for practice. This knowledge is augmented with an understanding of business practices and organizational behavior and with the development of management skills, enabling the graduate to succeed in the management of a scientific or engineering enterprise. Topics covered include project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship, and operations management, in addition to product design and process development.

Students gain a deep understanding of at least one industry sector based on the focus area courses.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Engineering Management Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Industrial Engineering, MS

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• Minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• Admission may be granted with one deficiency in no more than two competency areas (https://admission.asu.edu/apply/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 2.75 for fewer than 24 transfer hours, and
• meet first-year admission requirements

Transfer students with more than 24 transferable college credit hours:
• Minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• If ASU Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas (https://admission.asu.edu/apply/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/engineering-engineering-management-bse/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEMGBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will have an ability to function effectively as a member or leader of a team. Graduates will successfully perform work related tasks including establishing goals, work plans, tasks, meets deadlines in order to create a collaborative and inclusive environment that establishes goals, plans, tasks, meets deadlines, and creates a collaborative and inclusive environment. (ABET)
Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET)
Communicate effectively with a range of audiences.(ABET)

Global opportunities

Global experience: Students gain valuable experience through study abroad, and with more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, they can tailor their experience to their specific interests and skills.

As students learn to thrive in a global environment, they build communication skills, are challenged to adapt and persevere, and are exposed to research and internships across the world, in addition to increasing their professional networks.

Participation in a global education program, whether in a foreign country, in the U.S. or online, provides students with heightened cultural competency, enhancing their resumes and helping them stand out in a competitive field.

Career opportunities

An engineering management graduate is prepared to begin a career as a:

production supervisor
project management team member or lead
supply logistics engineer
system specification and customer relationship management specialist or similar role

Graduates are ready to progress through successively higher levels of management responsibility.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Industrial, Systems & Operations Engineering Prgm | CTRPT 105
https://scai.engineering.asu.edu/engineering-management-bse/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Engineering Science (Business), BS (ESESCBUSBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: West Valley

Program description

The Bachelor of Science program in engineering science with a concentration in business in the School of Integrated Engineering prepares students to solve the most demanding problems facing society. The program connects students with the core values of ASU through an innovation-focused interdisciplinary education inclusive of students with a wide

range of prior science and math backgrounds.

Coursework emphasizes basic engineering and business principles including engineering design, science, mathematics, artificial intelligence, business intelligence, accounting, supply chain management and ground theory in hands-on, project-based courses taught in makerspaces. Electives provide students with the choice to customize their degrees toward their preferred career pathways. The faculty in the program bring rich interdisciplinary perspectives to courses that foster creativity, critical thinking, communication, context and community by having students solve practical problems in partnership with local industry.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESESCBUSBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, engineering science students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates of a BS in engineering science program are well-prepared for a diverse and rewarding career landscape in areas such as:

academia and education
data analysis and modeling
energy and environmental engineering
engineering consulting
manufacturing and quality control
product design and development
project management
research and development
technical sales and marketing

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

School of Integrated Engineering | BYENG 623
https://engineering.asu.edu/
FultonSchools@asu.edu
480-965-2272

Engineering Science (Microelectronics), BS (ESESCMEBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: West Valley

Program description

The Bachelor of Science program in engineering science with a concentration in microelectronics prepares students to excel in the microelectronics industry.

Students in this program master fundamental mathematics, coding, digital design and physics in their first year, while simultaneously learning how engineers solve problems, approach the design process, and consider societal and business aspects of their work. In their second and third years, students learn the engineering and computing tools used in the microelectronics industry and how they are used to design and fabricate complex microelectronic circuits. The final year focuses on methods of testing, developing and manufacturing semiconductors. Students also complete a year-long capstone project with their peers and a faculty mentor.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESESCMEBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu) available, engineering science students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Graduates of this engineering science program are well-prepared for a diverse and rewarding career landscape in areas such as:

- academia and education

data analysis and modeling
energy and environmental engineering
engineering consulting
manufacturing and quality control
product design and development
project management
research and development
technical sales and marketing

Contact information

School of Integrated Engineering | BYENG 623
https://engineering.asu.edu/
FultonSchools@asu.edu
480-965-2272

Environmental Engineering, BSE (ESEVEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The Bachelor of Science in Engineering program in environmental engineering educates students to become tomorrow's engineers who solve complex environmental problems and design systems at the human, urban and planetary scales.

Environmental engineers are actively involved in air quality monitoring and air pollution control technology; analysis of the fate and transport of pollutants; application of sustainable design principles; design and operation of water and wastewater treatment systems; design of hazardous waste containment systems; design of solid waste management systems; remediation of contaminated soil, sediment and water; and water quality, water conservation and water reuse.

In recognition of the interdisciplinary nature of environmental engineering challenges, the degree program incorporates courses from the humanities, social sciences, natural sciences, mathematics and engineering. Environmental engineering courses build on strong foundations in chemistry, microbiology, geology, physics and mathematics. Courses cover fundamental engineering concepts applied to environmental processes and environmental engineering design. Applied learning experiences, including a required internship or research experience and a capstone design course, are also part of the program.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Environmental Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Environmental Engineering, MS

Civil, Environmental and Sustainable Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with more than 24 transferable college credit hours:

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in ASU courses (or equivalents) in FSE 100, MAT 265, MAT 266 and MAT 242

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEVEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) enable students with an open mind to further their understanding of the impact that the industrial world has on the environment around the globe. With more than 300 programs available to them, students can tailor their experience to their unique interests and skill sets.

Whether in a foreign country, in the U.S., or online, students broaden their educational experience, build communication skills, are challenged to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network. Students' participation in study abroad demonstrates to employers that they can thrive in a global environment, helping them to stand out in a competitive industry.

Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships to program costs.

Career opportunities

Graduates from the environmental engineering program have career opportunities in the private and public sectors.

Opportunities exist in the private sector in the consulting and manufacturing industries. The consulting industry is growing as greater environmental awareness and emerging novel pollutants require continual refinement of regulations and environmental system design standards, and the manufacturing industry employs environmental engineers to aid in environmental compliance and eco-efficiency.

In the public sector, municipalities and regulatory agencies require a knowledgeable workforce that understands how public policy can improve human health and ecosystem services through environmental engineering processes.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Sustainable Engineering & Built Envirnmt | HLMK 437
https://ssebe.engineering.asu.edu/undergraduate/environmental/
sebe.advising@asu.edu
480-965-0595

Environmental and Resource Management, BS (TSETMBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

The Bachelor of Science program in environmental and resource management provides critical scientific, engineering, regulatory and management skills for students who plan to pursue careers in industry, government or nongovernmental organizations. The program focuses on ensuring the health of engineered and natural ecosystems and mitigating the environmental impact of the industrial world.

The curriculum combines a strong foundation in chemistry, physics, biology and mathematics with a solid grounding in environmental law and policy, engineering, and management principles. Students learn to apply environmental technologies to manage engineered environmental operations such as drinking water and wastewater treatment, management of hazardous and solid wastes, and the control of industrial and mobile sources of air pollution. They study Occupational Safety and Health Administration, U.S. Environmental Protection Agency and U.S. Department of Transportation regulations on health and safety, as well as strategies to protect workers in hazardous environments. International environmental issues and legal frameworks are included, along with U.S. environmental laws.

An accelerated BS/MS degree option is available, in which up to 12 credit hours of the bachelor's degree may be applied toward the 30 credit hours required for the master's degree in environmental and resource management. A special application is required for this option.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Environmental and Resource Management, MS

Environmental and Resource Management (Water Management), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about

eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSETMBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Evaluate environmental policies and regulations that apply to environmental and resource management.
Apply management, scientific, and technical solutions to natural and anthropogenic environmental problems.
Apply sustainable development practices and trends to environmental systems.

Global opportunities

Global experience: Study abroad enables students of environmental resource management to further their understanding of the impact that the industrial world has on the environment. With an open mind, students further their studies and understanding of the various environmental conditions around the globe.

Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

A resume enhanced by the valuable study abroad experience impresses prospective employers and helps the student stand out should they decide to pursue advanced study.

Career opportunities

Graduates with the skills gained in this program are in high demand and can find work in industry, governmental management and regulatory agencies or in policymaking organizations.

Graduates are firmly grounded in the scientific, technical and legal problems facing environmental managers in today's business climate. They are prepared to be environmental, health and safety professionals in industrial settings such as manufacturing, mining, oil and gas, and environmental engineering consulting firms. They also ensure compliance with OSHA and EPA requirements in laboratories at pharmaceutical companies, water and wastewater treatment facilities or academic labs. On the regulatory side, graduates work for agencies such as the EPA or state and county departments of environmental quality.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Environmental and Resource Management | SUTON 240
https://poly.engineering.asu.edu/erm
polyadvising@asu.edu
480-727-1874

Graphic Information Technology, BS (TSGITBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices.

The Bachelor of Science program in graphic information technology prepares students to become visual design technologists with skills in front-end web design and development, print and digital publishing, commercial photography and video production, and motion graphics and visual effects.

This is an intensive program of study emphasizing theory and hands-on laboratory practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes

First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Graphic Information Technology, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-graphic-information-technology-concentration/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSGITBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Sketch solutions to graphic communications problems utilizing industry-standard workflows.
Apply individual and collaborative skills to engineer solutions to cross-media challenges.
Compose written and visual documentation for complex cross-media processes.
Synthesize content into digital collateral for cross-media output.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, graphic information technology students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graphic information technology prepares graduates for technical and management positions in visual design in such diverse areas as:

art direction
commercial photography and video production
front-end web design and development
graphic design
motion graphics and visual effects
pre-media, digital printing and publishing
print technology
production management
quality assurance of graphic and visual design products
technical and digital media production
user experience design
user interface design
visual design

Contact information

Graphic Information Technology | SUTON 240
https://poly.engineering.asu.edu/git/bs-graphic-information-technology
polyadvising@asu.edu
480-727-1874

Graphic Information Technology (Full-Stack Web Development), BS (ESGITFSWBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in graphic information technology with a concentration in full-stack web development focuses on front-end and back-end website and application development. This cross-disciplinary program has a

foundation in user-centered design and client-side scripting (HTML, CSS, JS) and extends to server-side programming (PHP, Python, SQL, etc.).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Graphic Information Technology, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/undergraduate/web-development-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESGITFSWBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze accepted coding and design techniques to apply the most appropriate to web design and development solutions.
Demonstrate ability to guide a project through a development cycle using industry-standard tools and techniques.
Implement individually- and collaboratively-built components into cohesive solutions for web design and development challenges.
Display ability to build and evaluate effective user interactions in web-based systems.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, graphic information technology students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Full-stack developer was chosen by Indeed as the best job of 2023, showing a 56% increase in job postings between 2020 and 2023 (https://www.indeed.com/career-advice/news/best-jobs-of-2023). Employers looking to fill full-stack web developer positions seek those who can create web applications from the ground up.

The Bureau of Labor Statistics (https://www.bls.gov/ooh/computer-and-information-technology/web-developers.htm) shows that salaries for these positions can be two to three times higher than the national average and that growth of the field from 2023 to 2033 is expected to far outpace that of the average for all careers (8% compared to 3%).

Full-stack web developers' knowledge of programming languages and concepts enables them to shift and grow with the ever-evolving field of web development and to work across teams to complete projects. An article from MongoDB (https://www.mongodb.com/resources/basics/full-stack-development) notes that the top languages listed for these positions include HTML, CSS, JavaScript, Python, Java, Node and PHP, all of which are used in program courses or electives.

Top industries where graduates land include computer software, IT, financial services and higher education. Google, Apple, Fidelity Investments, IBM and Capital One are among the top companies hiring full-stack developers (https://www.glassdoor.com/Explore/top-full-stack-engineer-companies_IO.4,23.htm).

Contact information

Graphic Information Technology | SUTON 240
https://poly.engineering.asu.edu/advising/
polyadvising@asu.edu
480-727-1874

Graphic Information Technology (User Experience), BS (ESGITUEBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in graphic information technology with a concentration in user experience provides students with an interdisciplinary foundation in design, research and communication to prepare them for the rapidly growing area of user experience.

The concentration enables students to gain a conceptual understanding of methods for gathering user information, analyzing data and communicating through visual design technologies, as well as applied skills in those methods.

While graphic information technology is its disciplinary home and primary focus, the concentration also includes courses from the fields of human systems engineering and technical communication to provide students with the multiple perspectives and complementary skills needed for user experience work.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

User Experience, MS

Graphic Information Technology, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-information-technology-user-experience-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESGITUEBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, graphic information technology students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graphic information technology graduates who have some expertise in user experience have numerous career opportunities in areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

Contact information

Graphic Information Technology | SUTON 240
https://poly.engineering.asu.edu/git/
polyadvising@asu.edu
480-727-1874

Human Systems Engineering, BS (ESHSEBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in human systems engineering provides students with an understanding of the science of human performance. Students gain experience using methods and tools to apply this understanding to design and problem-solving in a wide variety of domains, such as product usability, learning design, sports performance, and workplace and hospital safety.

Many diverse professions need experts in human factors to work on problems that involve an understanding of human performance; these areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

User Experience, MS

Human Systems Engineering, MS

Data Science, Analytics and Engineering (Human-Centered Applications), MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/human-systems-engineering/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESHSEBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, human systems engineering students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates of the human systems engineering program are prepared for industry and government careers. They may work as a member of a design team for a product or system in a position such as:

- game designer
- human factors engineer
- human systems integrator
- interface designer
- user experience designer
- usability engineer

Contact information

Human Systems Engineering | SUTON 240
https://poly.engineering.asu.edu/hse/

polyadvising@asu.edu
480-727-1874

Human Systems Engineering (User Experience), BS (ESHSEUEBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The user experience skills increasingly valued by industry are not typically covered in traditional psychology or engineering programs. The Bachelor of Science program in human systems engineering with a concentration in user experience combines topics in psychology, the web, human factors, visual displays and technical communications to make products and services useful, usable and desirable.

User experience focuses on the design, development and evaluation of products and services. The user experience program addresses UX research, design, content development, communication, tone of voice and evaluation of all components and products that end users interact with.

Students learn how to research customer needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered methods.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

User Experience, MS

Human Systems Engineering, MS

Human Systems Engineering (User Experience Research), MS

Data Science, Analytics and Engineering (Human-Centered Applications), MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about

eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum 2.00 cumulative GPA (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/human-systems-ux-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESHSEUEBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, human systems engineering students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Increasingly, companies are searching for professionals to help make products and services more usable and desirable. In recent years, CNN, U.S. News & World Report and other news organizations have rated user experience as one of the top emerging careers, with benefits that include high pay, opportunities to telecommute, low stress and high job growth.

Contact information

Human Systems Engineering | SUTON 240

https://poly.engineering.asu.edu/hse/
polyadvising@asu.edu
480-727-1874

Industrial Engineering, BSE (ESIEEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Industrial engineering pertains to the design, improvement, installation and operation of integrated systems of people, materials, information, equipment and energy, with the purpose of determining efficient ways to make a product or provide a service. Industrial engineering draws on specialized knowledge and skills in the mathematical, physical and social sciences, and the principles and methods of engineering analysis and design.

The underlying concepts for the Bachelor of Science in Engineering program in industrial engineering include certain business principles but emphasize the use of mathematics and information technology to build models to describe, understand and optimize system performance. Depending on the subspecialties involved and the intended application, industrial engineering may also be known as operations management, management science, operations research, systems engineering or manufacturing engineering.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Industrial Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Industrial Engineering, MS

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary

criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary Criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in CSE 110 Principles of Programming, MAT 265 Calculus for Engineers I and MAT 266 Calculus for Engineers II

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESIEEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

ABET 1: Will demonstrate the ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
ABET 6: Will demonstrate an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
ABET 7: Will demonstrate the ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, industrial engineering students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates in industrial engineering are prepared to design and manage systems for a wide variety of organizations. They find exciting career opportunities in all types of manufacturing and service industries, including:

banking and finance

defense and government
health care
hospitality, sports and entertainment
management consulting
manufacturing (e.g., aerospace, automotive, semiconductor)
software
telecommunication
transportation and logistics

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage (https://admission.asu.edu/academics/licensure).Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Industrial, Systems & Operations Engineering Prgm | CTRPT 105
https://scai.engineering.asu.edu/industrial-engineering-bse/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Informatics, BS (ESCPIBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Informatics is about discovering, developing and understanding computer applications that improve people's lives. The Bachelor of Science program in informatics prepares students to become skilled professionals who take a transdisciplinary, user-oriented perspective toward information and computing systems, apply current informatics methods to address society's needs and contribute to the next generation of such systems.

The informatics bachelor's degree program provides an option for students interested in a flexible program in applied information and computing technologies. Students acquire skills in design and implementation of computer systems and have opportunities to build applications that will be used by people in many fields. Students learn to develop software for devices of all sizes, from supercomputers to cell phones and even smaller. The challenges of informatics include designing, developing and applying tools that model, aid or automate activities within science, engineering, business, geography, education and entertainment environments.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 265 Calculus for Engineers I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Robotics and Autonomous Systems (Artificial Intelligence), MS

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Data Science, Analytics and Engineering (Computing and Decision Analytics), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in all critical courses: MAE 201 Mechanics of Particles and Rigid Bodies I: Statics, MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics, MAE 213 Mechanics of Materials, and MAE 241 Introduction to Thermodynamics.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCPIBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Master the principles for the usage, design, construction, and evaluation of Informatics systems (ABET target)
Demonstrate an in-depth understanding and devlopment skill of the Informatics knowledge of the chosen focal area.
Apply principles of computing and other relevant disciplines to analysis of practical problems and development of solutions.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, informatics students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Informatics careers center on solving problems through the design and creation of information systems, user interfaces, mobile technologies and social media.

Graduates have the ability to develop future information technology solutions that place a strong emphasis on user needs, enabling users to adapt and change dynamically with society's needs. This makes the informatician a strong candidate for jobs in:

data analytics
management consulting firms
technology research centers
technology startups

Additionally, they are prepared for graduate programs that offer an emphasis in emerging technologies.

Contact information

Computer Science and Engineering Program | CTRPT 105
https://scai.engineering.asu.edu/informatics/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Information Technology, BS (TSIFTBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

Technology continues to evolve each day. Every organization needs information technology professionals to protect their networks, troubleshoot computer systems, develop applications and manage IT projects.

The Bachelor of Science program in information technology covers key disciplines that incorporate emerging technologies, including agile software development, data management and analytics, network administration, cloud computing and cybersecurity.

Students have the opportunity to select technical electives in different interdisciplinary areas. Within a project-driven curriculum, students take a learn-by-doing approach that prepares them for careers in IT.

Accredited by the Computing Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Information Technology Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering (Intelligent Systems), MS

Information Technology, MS

Data Science, Analytics and Engineering (Human-Centered Applications), MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-information-technology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIFTBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Ability to analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions (ABET)
Ability to design, implement and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program’s discipline (ABET)
Ability to communicate effectively in a variety of professional contexts (ABET)
Ability to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles (ABET)
Ability to function effectively as a member or leader of a team engaged in activities appropriate to the program’s discipline (ABET)
Ability to use systemic approaches to select, develop, apply, integrate and administer secure computing technologies to accomplish user goals (ABET)
Ability to use the principles and practices of Information Technology project management (ABET)

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, information technology students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

IT careers are growing fast, according to the Bureau of Labor Statistics: https://www.bls.gov/ooh/computer-and-information-technology/home.htm. The exciting career path of an IT professional can place graduates in positions around the world, in any industry. These industries include:

biomedical

construction
defense
education
entertainment
geospatial
informatics
sports
sustainable environments

Contact information

Information Technology | SUTON 240
https://poly.engineering.asu.edu/it/
polyadvising@asu.edu
480-727-1874

Information Technology (Cybersecurity), BS (ESIFTCSBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in information technology with a concentration in cybersecurity provides students with both the academic and technical background for a career in information technology security. The concentration has been intentionally designed to incorporate emerging technologies that are utilized in authentic business models, and courses provide students with a comprehensive understanding in system orchestration, network forensics, configuration management, security analysis, security risk assessment, cloud security and mobile security. Students gain knowledge and skills through coursework designed by industry experts, hands-on experience with virtual cybersecurity lab, and preparation for industry careers.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering (Intelligent Systems), MS

Information Technology, MS

Data Science, Analytics and Engineering (Human-Centered Applications), MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-information-technology-cybersecurity/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESIFTCSBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, information technology students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Demand for information security professionals is increasing due to the need to create innovative solutions to prevent hackers from stealing, changing or destroying information and technology infrastructures. According to the U.S. Department of Labor, employment of information security professionals is projected to grow 32% from 2022 to 2032; the median annual wage for an information security analyst in 2023 was $120,360 ($57.87 an hour). There is a significant shortage of cybersecurity professionals around the globe, and ISC2 research states that about 500,000 of the three million positions are located in North America.

Graduates can expect to achieve careers in cybersecurity analysis, cloud security engineering, security architecture, and red or blue team ethical hacker teams.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Information Technology | SUTON 240
https://poly.engineering.asu.edu/it/
polyadvising@asu.edu
480-727-1874

Information Technology (Networking), BS (ESIFTNBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in information technology with a concentration in networking provides students with both the academic and technical background for a career in information technology networking. Networking involves setting up and managing the network, hardware, software and facilities (i.e., data centers) that are necessary for an organization's operations.

The courses in this program provide students with a comprehensive understanding of network design and implementation, network performance analysis and management, and the latest networking technology. Students engage in topics of forensics and cloud architecture. Hands-on labs are created by experts to prepare students for successful careers in industry. The concentration has been intentionally designed to incorporate emerging technologies that are utilized in authentic business models.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering (Intelligent Systems), MS

Information Technology, MS

Data Science, Analytics and Engineering (Human-Centered Applications), MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/undergraduate/information-technology-networking/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESIFTNBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, information technology students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network

Career opportunities

According to the U.S. Bureau of Labor Statistics, employment of computer network architects is projected to grow 13% (much faster than average) from 2023 to 2033. Demand for networking expertise is continually growing as firms invest in newer, faster technology and mobile networks. Networking concentration graduates go on to pursue many different careers, such as:

- network administrator
- network engineer
- network service technician
- systems architect
- wireless network engineer

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Information Technology | SUTON 240
https://poly.engineering.asu.edu/it/
polyadvising@asu.edu
480-727-1874

Manufacturing Engineering, BS (TSMEGRBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Successful manufacturing enterprises prosper in the global marketplace through a balance of design, sustainability, quality and production. Manufacturing engineering combines manufacturing processes (e.g., how materials are altered in either shape or properties) and the processes of manufacturing (e.g., design and management of manufacturing systems).

The Bachelor of Science program in manufacturing engineering prepares students to analyze, synthesize and control manufacturing operations using statistical methods; to collaborate across disciplines to design and build automated manufacturing systems for factory operation; to design innovative products and the equipment, tooling and environments necessary for their manufacture; to model, simulate and analyze manufacturing production processes for both small- and large-scale environments; and to provide technological leadership.

The curriculum is project-based, hands-on, teamwork-oriented and delivered in outstanding fabrication facilities. Graduates of this program become key team members who create and implement processes for making such varied products as airplanes, surgical instruments, toys and foodstuffs.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Manufacturing Engineering Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Engineering, MS

Manufacturing Engineering, MS

Robotics and Autonomous Systems (Systems Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSMEGRBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers and also helps students stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (https://goglobal.asu.edu) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services.

Graduates possess the technical skills in tandem with the professional skills of communication, teamwork and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses, and to pursue advanced degrees in graduate school. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Graduates typically work as manufacturing engineers in a variety of companies, large and small. They are often members of design and development teams, cooperating with people within and outside their companies. Career employment opportunities include direct manufacturing support, manufacturing management, and quality control and assurance. Small and new startup companies value the strong, broad and practical engineering skill set of program graduates. Program graduates are well placed and command top salaries.

Contact information

School of Manufacturing Systems and Networks | ISTB12 301

https://msn.engineering.asu.edu/degrees/undergraduate/manufacturing-engineering-bs/
msnadvising@asu.edu
480-727-2097

Materials Science and Engineering, BSE (ESMSEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

Novel materials are tailored to meet the needs of targeted applications and become the foundation for all engineering disciplines. Such materials enable many new technologies and are commonly used in bioengineering and medicine, pharmaceuticals, electronics, optics, architecture and transportation, aviation and aerospace, energy conversion, environmental engineering and numerous industrial systems.

Materials science and engineering involves the discovery, synthesis, processing, manufacturing and characterization of substances within these general classes of materials: sustainable materials, polymers, metals, semiconductors, ceramics and composites. An understanding of the molecular structure and well-designed processing are the keys to engineering materials with outstanding properties for next-generation applications.

Courses in the undergraduate program in materials science and engineering prepare students to discover and design new and better materials that make an impact on and improve people's lives and keep America on the cutting edge of technology.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Materials Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• minimum GPA of 2.75 in ASU courses (or equivalents) in MAT 265, MAT 266, PHY 121 and PHY 122

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMSEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate integration of relationships of structure-property-performance-processing and apply them to modern engineering problems involving electronic, sustainability, polymeric, ceramic, and other material systems using materials science characterization, computational and statistical methods.
Solve complex engineering problems by identifying, formulating and applying principles of material science and engineering.
Develop and conduct appropriate experimentation, by analyzing and interpreting materials characterization or computational datasets, and conduct appropriate experimentation and use engineering judgment to draw scientific and engineering conclusions applicable to modern engineering questions.

Global opportunities

Global experience: A study abroad (https://goglobal.asu.edu/) experience can equip students with the skills they need to effectively and efficiently work with people anywhere in the world. They have the opportunity to gain an international viewpoint not only on engineering itself, but also on being a human in this increasingly global world.

Participation in a Global Education program helps students broaden their own horizons and open up possibilities they may have not known existed. Students gain valuable, resume-enhancing experience when studying abroad, and they stand out in a competitive field with the heightened cultural competency, and leadership and critical thinking skills they acquired when studying abroad.

The Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/materials-science-and-engineering-bse) for students majoring in materials science and engineering.

Career opportunities

Because materials science and engineering has such a wide variety of applications, graduates find jobs in virtually every field, such as aerospace, defense, the auto industry, telecommunications, microelectronics, computers, bioengineering, sports, renewable energy, academia and national research labs. They are among the highest paid scientists and engineers.

Program education objectives

The materials science and engineering program has the following educational objectives:

Graduates can solve practical materials engineering challenges within their organizations by applying the required technical knowledge, skills and critical thinking.
Graduates have made demonstrable progress toward a graduate degree or can be considered for a technical promotion within three to five years of graduation.
Graduates can demonstrate professionalism, leadership, lifelong learning, professional development and the ability to work in teams, and hold positions of increasing responsibility within their organizations.
Graduates can demonstrate an ethical approach to their profession, including consideration of economic, societal, cultural and environmental impact.

Student outcomes

Graduates are expected to have attained:

an ability to acquire and apply new knowledge as needed, using appropriate learning strategies
an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
an ability to communicate effectively with a variety of audiences
an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts

An additional outcome for ASU materials science and engineering graduates is to demonstrate integration of relationships of structure, properties, processing and performance related to material systems using experimental, computational and statistical methods.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Materials Science and Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/materials-science-and-engineering-bse/
semte@asu.edu
480-965-2335

Mechanical Engineering, BSE (ESMAEMBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe, Online

Program description

Mechanical engineering is a creative, diverse discipline. Mechanical engineers design, build and control the devices, machines, processes and systems that are the mainstay of modern industrialized society.

In the Bachelor of Science in Engineering program in mechanical engineering, students prepare for a career in mechanical engineering through a curriculum that includes the study of the principles that govern energy transfer, mechanical design, sensors and control devices, and the application of these principles to the creative solutions of practical modern problems.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Mechanical Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Aerospace Engineering, MS

Modern Energy Production and Sustainable Use, MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Astrophysics and Astronomy, MS

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in all critical courses: MAE 201 Mechanics of Particles and Rigid Bodies I: Statics, MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics, MAE 213 Mechanics of Materials, and MAE 241 Introduction to Thermodynamics

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-mechanical-engineering/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEMBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply principles of mathematics and science to solve complex engineering problems.
Apply engineering design to a student project with consideration of public welfare/other factors.
Develop and conduct engineering experiments, and analyze and interpret data.

Global opportunities

Global experience: Students gain valuable, resume-enhancing experience when studying abroad (https://goglobal.asu.edu/). With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in mechanical engineering are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency, and leadership and critical thinking skills they acquired studying abroad.

The Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/mechanical-engineering-bse) for students majoring in mechanical engineering.

Career opportunities

Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; in generating creative design and development; and in the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides for its graduates in future employment opportunities.

The BSE program in mechanical engineering has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and their employment, graduates of the mechanical engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after earning their degree:

admission to a graduate degree program in mechanical engineering or other technical fields
admission to a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate
employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)

Graduates of the mechanical engineering program are expected to attain:

an ability to acquire and apply new knowledge as needed, using appropriate learning strategies
an ability to apply engineering design to produce solutions that meet specified needs, with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
an ability to communicate effectively with a range of audiences
an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives

an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/mechanical-engineering-bse/
semte@asu.edu
480-965-2335

Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The concentration in computational mechanics within the Bachelor of Science in Engineering program in mechanical engineering teaches students the modern computational tools available for solving large-scale and complex technical problems. The curriculum focuses on high-performance computing and the accurate modeling of large- and small-scale systems.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Mechanical Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aerospace Engineering, MS

Mechanical Engineering, MS

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in all critical courses: MAE 201 Mechanics of Particles and Rigid Bodies I: Statics, MAE 202

Mechanics of Particles and Rigid Bodies II: Dynamics, MAE 213 Mechanics of Materials, and MAE 241 Introduction to Thermodynamics

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAECBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply principles of mathematics and science to solve complex engineering problems.
Apply engineering design to student project with consideration of public welfare/other factors.
Develop and conduct engineering experiments, and analyze and interpret data.

Global opportunities

Global experience: Students gain valuable, resume-enhancing experience when studying abroad (https://goglobal.asu.edu/). With over 300 programs available, study abroad allows students to tailor their experience to their specific interests and skill sets. Students focusing on computational mechanics are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency, and leadership and critical thinking skills acquired through study abroad.

Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/mechanical-engineering-bse) for students majoring in mechanical engineering with a concentration in computational mechanics.

Career opportunities

As mathematical and numerical modeling takes on a much larger role in product development, graduates who are highly skilled in computational and mathematical engineering will be in high demand.

Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; in generating creative design and development; and in the production, control, management and sales of the devices and systems needed by society. A major strength of a mechanical engineering education is the flexibility it provides for its graduates in future employment opportunities.

The mechanical engineering program has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and their employment, graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global

engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should attain one or more of the following objectives within a few years of earning their degree:

admission to a graduate degree program in mechanical engineering or other technical field
admission to a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate
employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering and that offers the possibility of increasing responsibility and leadership within the organization

Graduates of the mechanical engineering program are expected to attain the following outcomes:

an ability to acquire and apply new knowledge as needed, using appropriate learning strategies
an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
an ability to communicate effectively with a variety of audiences
an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/mechanical-engineering-comp-mechanics-bse/
semte@asu.edu
480-965-2335

Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)

College/School: Ira A. Fulton Schools of Engineering

Campus: Tempe

Program description

The concentration in energy and environment within the Bachelor of Science in Engineering program in mechanical engineering is designed to prepare students to analyze technical problems in:

• air pollution
• climate change
• energy efficiency
• environmental sustainability

• renewable energy
• timely issues facing the global community

Although the primary focus of this program is technical, the general education courses in the areas of the humanities and social and behavioral sciences introduce students to the global, political and societal issues relating to energy and the environment.

By focusing on issues such as air pollution, water scarcity and the lack of alternative transportation, graduates from the program are attractive to employers in the greater Phoenix area and nationwide.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org), under the General Criteria and the Mechanical Engineering Program Criteria.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aerospace Engineering, MS

Modern Energy Production and Sustainable Use, MS

Mechanical Engineering, MS

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• no high school math or science competency deficiencies

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
• no high school math or science competency deficiencies, and
• minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary criteria
• minimum transfer GPA of 3.00 for 24 or more transfer hours, and
• no high school math or science competency deficiencies (if ASU Admission Services requires submission of a high school transcript)

Secondary criteria
• minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
• minimum GPA of 2.75 in all critical courses: MAE 201 Mechanics of Particles and Rigid Bodies I: Statics, MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics, MAE 213 Mechanics of Materials, and MAE 241 Introduction to Thermodynamics

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEEBSE~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and

resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply principles of mathematics and science to solve complex engineering problems.
Apply engineering design with consideration of public welfare/other factors.
Develop and conduct engineering experiments, and analyze and interpret data.

Global opportunities

Global experience: Students gain valuable experience when studying abroad (https://goglobal.asu.edu/) --- experience that can enhance their resumes. With more than 300 programs available, study abroad enables students to tailor their experience to their specific interests and skill sets. Students focusing on energy and the environment are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency, and leadership and critical thinking skills acquired through study abroad.

The Ira A. Fulton Schools of Engineering recommends these programs (https://goglobal.asu.edu/mechanical-engineering-bse) for students majoring in mechanical engineering with a concentration in energy and environment.

Career opportunities

Mechanical engineers are employed in virtually every kind of industry. They are involved in generating creative design and development; seeking new knowledge through research; and the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides for its graduates in future employment opportunities. Graduates who have completed concentration have opportunities as environmental consultants; heating, ventilation and air-conditioning engineers; and power plant designers.

The mechanical engineering program has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and their employment, graduates of the mechanical engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should attain one or more of the following objectives within a few years after completing their degrees:

admission to a graduate degree program in mechanical engineering or other technical field
admission to a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate
employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)

Graduates of the mechanical engineering program are expected to attain the following:

an ability to acquire and apply new knowledge as needed, using appropriate learning strategies
an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
an ability to communicate effectively with a variety of audiences
an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives

an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

Mechanical and Aerospace Engineering Program | ECG 202
https://semte.engineering.asu.edu/degrees/undergraduate/mechanical-engineering-energy-and-environment-bse/
semte@asu.edu
480-965-2335

Robotics and Autonomous Systems, BS (ESRASBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic

Program description

Autonomous systems are those that can work for an extended period without human control or intervention --- such as driverless cars and autonomous mobile robots.

The Bachelor of Science program in robotics and autonomous systems provides students with a well-rounded education in robotics, controls, autonomous systems and automation. It is intended primarily for those who desire to develop general expertise in robotics and autonomous systems, including both theory and application of robotics and autonomous systems technologies, systems integration and data fusion techniques, and modeling and simulation development.

Students learn to perform analysis, evaluation and synthesis for a wide variety of problems related to the design, implementation and efficient operation of robotics and autonomous systems.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Robotics and Autonomous Systems (Systems Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESRASBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, robotics and autonomous systems students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Professionals with a degree in robotics and autonomous systems have substantial opportunities at all levels in manufacturing engineering and in research and development at companies, research institutes and national laboratories (e.g., Department of Defense, Department of Energy, NASA). Relevant careers and related titles include:

- engineer
- manufacturing engineer
- mechanical engineer

mechatronics engineer
researcher and scientist

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

School of Manufacturing Systems and Networks | ISTB12 301
https://msn.engineering.asu.edu/degrees/
msnadvising@asu.edu
480-727-2097

Software Engineering, BS (TSSERBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Some accelerated combinations are not available to ASU Online students. Interested students should contact their academic advisor for more information.

Program description

The Bachelor of Science program in software engineering blends engineering, computing, project leadership and software construction.

Students learn how to create innovative software solutions to today's problems. Software systems are complex, often including millions of lines of code. Graduates of this program have the knowledge and skills of a defined engineering approach to complex systems analysis, planning, design and construction.

The program has a unique, project-driven curriculum, establishing a new model for software engineering education. The program is built around the concepts of engaged learning, discovery-based education, and learning by doing. Students learn by solving engaging projects, commonly as a member of a development team. In each semester of the program, students complete projects that emphasize communication, teamwork, critical thinking and professionalism. They have flexibility in designing their course of study and select technical electives from a pool of courses in different software engineering application areas; these include web and mobile applications, embedded systems and other interdisciplinary areas.

Accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org (https://www.abet.org/), under the General Criteria and the Software Engineering Program Criteria.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Computer Science, MS

Computer Science (Big Data Systems), MS

Computer Science (Cybersecurity), MS

Software Engineering, MS

Robotics and Autonomous Systems (Artificial Intelligence), MS

Computer Science (Biomedical Informatics), MS

Computer Science (Big Data Systems), MCS

Computer Science, MCS

Computer Science (Cybersecurity), MCS

Computer Science (Media Arts and Sciences), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Ira A. Fulton Schools of Engineering, shown below, are higher than minimum university admission standards. International students must meet the same admission standards, with the possible additional requirement of a minimum English language proficiency (https://admission.asu.edu/apply/international/undergrad/english-proficiency) test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, a minimum Duolingo English score of 105, or a minimum Cambridge English exam score of 176.

First-year admission:
• Minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class, and
• Admission may be granted with one deficiency in no more than two competency areas (https://admission.asu.edu/apply/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Transfer admission requirements: Transfer students with fewer than 24 transferable college credit hours:
• minimum transfer GPA of 2.75 for fewer than 24 transfer hours, and
• meet the first-year admission requirements

Transfer students with more than 24 transferable college credit hours:
• Minimum transfer GPA of 2.75 for 24 or more transfer hours, and
• If ASU Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas (https://admission.asu.edu/apply/first-year/competency-requirements). Deficiencies in both math and laboratory science are not acceptable.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Admission requirements (https://engineering.asu.edu/admission-requirements/) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-software-engineering/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSSERBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics (ABET 1)
Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. (ABET 2)
Use the techniques, skills, and modern engineering tools and processes necessary for software engineering practice. (ABET-SER1)

Global opportunities

Global experience: Students in software engineering gain valuable hands-on experience when studying abroad --- experience that enhances their resumes. With more than 300 programs available in a variety of countries around the world, study abroad enables students to tailor their experience to their unique interests and skill sets. In a competitive field, students stand out with the heightened cultural competency and the leadership and critical thinking skills they gain when studying abroad. More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/).

Career opportunities

Software engineers solve a broad set of transdisciplinary problems and apply new technologies to improve quality of life.

Graduates are prepared for advanced study in computing or an allied field, or to enter the computing profession, most commonly as application software engineers. They design and engineer innovative systems that may include mechanical and electrical components that interact with software.

According to the Bureau of Labor Statistics, software engineers are highly paid, and there is significant growth in the number of employment opportunities. Software engineering jobs may include:

creating applications for mobile devices
creating web applications
designing, creating and validating software for avionics, robotics and similar systems

Contact information

Software Engineering | PICHO 245
https://scai.engineering.asu.edu/software-engineering-bs/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Technological Entrepreneurship and Management, BS (TSTEMBS)

College/School: Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in technological entrepreneurship and management brings a STEAM --- science, technology, engineering, arts and mathematics --- focus to coursework in order to prepare students to address social and corporate issues that can impact and change the world. Students learn to create, launch and improve technology-based products, services and ventures and to identify and solve open-ended problems using engineering and technological approaches.

After completing this program, students should be able to demonstrate the ability to identify, analyze and synthesize information to address and solve use-inspired, open-ended problems, assessing their impact on social, cultural and economic environments; formulate methodologies to advance the knowledge of entrepreneurship and innovation; launch technology-based products and services from idea generation through actualization; use quantitative and

qualitative methods to demonstrate continuous improvement of products, services and processes; and use a systems approach for the effective design and improvement of entrepreneurial and innovation ventures.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Leadership and Management, MLM

Applied Leadership and Management, MALM

Technology (Management of Technology), MSTech

Global Technology and Development, MS

Global Management, MGM

Management of Technology, MS

Artificial Intelligence Engineering (Human-Centered Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSTEMBS~null&college=CES) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Implement venture management of technology, management of processes, and management of human capital.
Demonstrate proficiency in collaborating with diverse team members through a professional team presentation that conveys innovation improvements for businesses or organizations.
Apply systems thinking, data-driven decision making, and research to optimize decision(s) to solve complex problems for a variety of industries/organizations.
Demonstrate proficiency in critical thinking by developing a strategic management plan that includes analysis of issues, assumptions, evidence, and implications.
Demonstrate proficiency in navigating the intersection of technology management and engineering through management of a creative engineering solution to innovate a new product or process.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, technological entrepreneurship and management students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates of the technological entrepreneurship and management program have the skills needed to develop and innovate products and services that meet corporate and social demands.

Graduates are prepared for a wide variety of career possibilities, including technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

Contact information

Tech Entrepreneurship & Mgmt | SUTON 240

https://poly.engineering.asu.edu/tem/bs-in-technological-entrepreneurship-and-management/
polyadvising@asu.edu
480-727-1874

Global Futures, College of

Complexity Science, BS (LAAMLBS)

College/School: College of Global Futures

Campus: Tempe

This program's name has changed effective Fall 2025. The previous name was Applied Mathematics for the Life and Social Sciences.

Program description

The Bachelor of Science program in complexity science offers a novel approach to investigating, integrating and solving problems in the life and social sciences in such topics as mass violence, contagion, wildlife--human interactions and the spread of behaviors through social networks.

Degree-seekers in this program are immersed in the use of computational modeling and data science methods, and concepts for understanding the interconnections among people, technology and the natural world. These innovative approaches contribute to diverse fields such as anthropology, biology, global health, sustainability, technology and environmental social science.

The insights and skills gained enable students to apply quantitative approaches as they develop accurate, flexible and practical answers desperately needed to address critical contemporary issues.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

ASU students who would like to change their major to applied mathematics for the life and social sciences must have a minimum cumulative ASU GPA of 2.50 based on at least 12 credit hours of ASU coursework.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAMLBS~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

Graduates of the program have the quantitative, scientific and analytical skills that are critical for professionals working in the environmental, life, health, mathematical and social science fields. Nationally recognized experts ensure that graduates are well equipped for prestigious career paths in research, government, medicine, technology, security or other fields that require rigorous data analysis, with an insight into complex interactions across social, biological, physical and technological systems.

The need for scientists and professionals quantitatively trained in the transdisciplinary social and natural sciences is strong in Arizona and the nation. Skills in the applied use of mathematics, modeling, statistics and simulation methodologies, which are emphasized in the program, are in high demand and provide excellent training for future academics and professionals in industries including:

- bioinformatics
- climate science
- data science
- ecology
- epidemiology
- genomics
- network science
- policy analysis
- population dynamics
- urban planning

Contact information

School of Complex Adaptive Systems | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/

cgfadvising@asu.edu
480-727-6963

Innovation in Society, BS (FIFISBS)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

Innovation is fundamentally about empowering people and unlocking their potential to create positive change. That requires a human touch and knowledge of how to put people and communities --- not technology --- first. The Bachelor of Science program in innovation in society is specifically designed to prepare students to be leaders in this exciting and fast-growing field.

The program centers on building a foundational knowledge in innovation while enabling students to hone skills such as scenario planning, policy analysis, the responsible design of innovations, and public engagement. Students are equipped to understand the intricacies of modern challenges, and anticipate and navigate future trends.

The program's small classes, one-on-one opportunities to work with faculty, and extensive community partnerships create a valuable experience in which students can learn how to develop the imagination, creativity, skills and expertise needed to help envision, plan and implement effective strategies for change. Students learn how to use approaches such as policy analysis, foresight and scenario building, knowledge system creation and strategic plan development.

Students explore:

• artificial intelligence --- diving into its potential and grappling with its integration into society
• biotech breakthroughs --- harnessing insights from biotechnologies that are reshaping the world
• eco-conscious strategy --- merging technology insights with environmental imperatives for sustainable solutions
• emerging technologies --- exploring new technologies, such as quantum computing and augmented reality, and their global impact
• impact on society --- engaging with simulations and projects that reflect technology's societal interplay
• vantage point --- grasping how technology impacts different roles, such as policymaking, technology consulting and digital ethics

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Interest Technology, MS

Global Technology and Development, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/innovation-society-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FIFISBS~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze and deconstruct complex social, technological, legal, ethical and social justice issues using multiple strategies.
- Apply foresight methods to analyze emerging trends and plausible futures.
- Design creative strategies to address current societal and technological challenges.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests

and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

As the landscape of science and technology rapidly transforms, the demand for graduates with a nuanced grasp of these changes becomes paramount. Across industries, there is a growing need for expertise in interpreting and guiding advancement in science and technology that can improve people's lives.

Graduates are poised for success in a range of sectors, including cities, aid agencies, charities and companies that are helping tackle difficult challenges. Alumni have highly sought-after jobs at NASA, the U.S. Department of Energy, Intel, OpenAI and beyond. Preparation in both theoretical and practical facets of innovation makes graduates invaluable assets in technology startups, corporations, nonprofit organizations and governments.

Students can explore alumni employment data for career insights on the College of Global Futures employment data page.

Contact information

School for the Future of Innovation in Society | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/
cgfadvising@asu.edu
480-727-6963

Innovation in Society, BA (FIFISBA)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

Innovation is fundamentally about empowering people and unlocking their potential to create positive change. That requires a human touch and knowledge of how to put people and communities --- not technology --- first. The Bachelor of Arts program in innovation in society is specifically designed to prepare students to be leaders in this exciting and fast-growing field.

The program centers on building a foundational knowledge in innovation while honing skills such as scenario planning, policy analysis, the responsible design of innovations, and public engagement. Graduates are equipped not only to understand the intricacies of modern-day challenges but also to anticipate and navigate future trends.

The program's small classes, one-on-one opportunities to work with faculty, and extensive community partnerships create a distinct experience in which students can learn how to grow and strengthen community leadership, capabilities and collaboration for innovation --- all while using tools such as narrative, storytelling, visual art, participatory design and community-centered inquiry.

Students explore how to:

- champion humanity --- craft strategies, turning innovations into societal solutions
- combat climate change --- use interdisciplinary knowledge for a sustainable tomorrow
- engage beyond theories --- explore the global challenges with other perspectives
- fuse creativity --- merge artistry with technology, tackling issues from social inequality to digital divides

• navigate digital dynamics --- decode social media and digital landscapes, ensuring ethical integration
• reimagine health --- blend technology and empathy, advancing global well-being

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Interest Technology, MS

Global Technology and Development, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/innovation-in-society-bachelor-of-arts/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FIFISBA~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze and deconstruct complex social, technological, legal, ethical and social justice issues using multiple strategies.
- Apply foresight methods to assess emerging trends and plausible futures.
- Design creative strategies to address current societal and technological challenges.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

As the landscape of science and technology rapidly transforms, the demand for graduates with a nuanced grasp of these changes becomes paramount. Across industries, there's a growing need for expertise in interpreting and guiding advancement in science and technology that can improve people's lives.

Graduates are poised for success in a variety of sectors, including cities, aid agencies, charities and companies that are helping to tackle difficult challenges. Alumni have highly sought-after jobs at NASA, the U.S. Department of Energy, Intel, OpenAI and beyond. Preparation in both theoretical and practical facets of innovation makes graduates invaluable assets in tech startups, corporations, nonprofits and governments.

Students can explore alumni employment data for career insights on the College of Global Futures employment data page.

Contact information

School for the Future of Innovation in Society | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/
cgfadvising@asu.edu
480-727-6963

Ocean Futures, BS (GFSEABS)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

In the Bachelor of Science program in ocean futures, students learn the processes governing global oceans, as well as threats to the ecosystems and human populations they support. It also provides a foundation in coastal and marine system science and focuses on the social, economic and equity aspects of ocean stewardship, including the integration of intergenerational and Indigenous values in developing blue economies, coastal and marine protection and management, land-sea interactions, community-based stewardship, the impact of fisheries on ocean health, and coral reef restoration. Students gain knowledge of integrated ocean science, but also cognitive skills in critical and futures thinking, information and digital literacy, and problem-solving. Students also develop interpersonal skills in civic and global responsibility and leadership, as well as the cultural sensitivity and empathy for diverse communities needed to become transformational leaders by working with communities, stakeholders and rights-holders to build skills in context-specific and solutions-oriented research, data analysis and communication.

Healthy human futures depend on healthy ocean futures, and vice versa. According to the United Nations, about 40% of the world's population presently lives within 100 kilometers of the coast. The flourishing of societies and the planet requires a holistic approach to support healthy ocean and coastal ecosystems in the face of a changing future. Addressing the growing challenges the ocean faces requires transdisciplinary study and use-inspired research that works toward culturally appropriate solutions for local to global stewardship of the future oceans. The BS program in ocean futures is designed to grow the next generation of ocean stewards, community leaders, innovators and researchers and build capacity for transformational changes in societal perspectives and practices related to the oceans.

One of the benefits of the program is the opportunity for students to gain additional experience through hands-on, aquatic field opportunities. These aquatic opportunities are available in or near Arizona, as well as at ASU's Bermuda Institute of Ocean Sciences (https://bios.asu.edu/), the Center for Global Discovery and Conservation Science (https://globalfutures.asu.edu/gdcs/) in Hawai'i, and through study abroad in Antarctica. Additional costs may apply.

This major is eligible for the Western Undergraduate Exchange program at the following location: Tempe campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/ocean-futures-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=GFSEABS~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Beyond these, students in the BS in ocean futures program have special opportunities to enhance their learning in locations like Bermuda, Hawai'i and Antarctica. Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage and additional opportunities and information on the Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Career opportunities

The BS program addresses the crucial role of healthy oceans and coastal communities in the future of the planet and human well-being. Graduates are prepared for professional roles in high demand across sectors such as county, state and federal agencies, along with nongovernmental and community organizations. Graduates are equipped to work collaboratively with diverse communities to become the next generation of leaders dedicated to stewarding coastal and marine resources.

Career paths include:

- conservation manager
- environmental consultant
- environmental scientist
- fisheries manager
- marine biologist
- marine educator
- marine research assistant
- marine research technician
- marine scientist
- natural resource manager

Contact information

School of Ocean Futures | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/
CGFAdvising@asu.edu
480-727-6963

Ocean Futures (Coastal and Marine Science), BS (GFSEACMSBS)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

The Bachelor of Science program in ocean futures with a concentration in coastal and marine science builds on a foundation in coastal and marine system science to focus on physical, chemical and biological aspects; ecosystem functioning; biogeochemistry; and ocean interaction with the climate system. Students gain knowledge of integrated ocean science, but also cognitive skills in critical and futures thinking, information and digital literacy, and problem-solving. The concentration offers research opportunities studying coral reefs, biogeochemical cycling, ocean dynamics and land-sea interactions. It provides preparation for graduate study in a variety of fields, such as biological, chemical and physical oceanography; coastal ecosystem science; and coral reef science.

Healthy human futures depend on healthy ocean futures, and vice versa. According to the United Nations, about 40% of the world's population presently lives within 100 kilometers of the coast. The flourishing of societies and the planet requires a holistic approach to support healthy ocean and coastal ecosystems in the face of a changing future. Addressing the growing challenges the ocean faces requires transdisciplinary study and use-inspired research that works toward culturally appropriate solutions for local to global stewardship of the future oceans. The BS program in ocean futures is designed to grow the next generation of ocean stewards, community leaders, innovators and researchers and build capacity for transformational changes in societal perspectives and practices related to the oceans. Students develop interpersonal skills in leadership, civic and global responsibility, and cultural sensitivity.

One of the benefits of this program is the opportunity for students to gain additional experience through offerings at the ASU Bermuda Institute of Ocean Sciences (https://bios.asu.edu/), Center for Global Discovery and Conservation Science (https://globalfutures.asu.edu/gdcs/) in Hawai'i, and opportunity for study in Antarctica.

This major is eligible for the Western Undergraduate Exchange program at the following location: Tempe campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/ocean-futures-coastal-marine-science/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=GFSEACMSBS~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Beyond these, students in the BS in ocean futures program have special opportunities to enhance their learning in locations like Bermuda, Hawai'i and Antarctica. Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage and additional opportunities and information on the ASU Global Education Office (https://goglobal.asu.edu/) website. These sites also include additional information about applying for funding to support global travel.

Career opportunities

The BS program addresses the crucial role of healthy oceans and coastal communities in the future of the planet and human well-being. Graduates are prepared for professional roles in high demand across sectors such as county, state and federal agencies, along with nongovernmental and community organizations. Graduates are equipped to work collaboratively with diverse communities to become the next generation of leaders dedicated to stewarding coastal and marine resources.

Career paths include:

- conservation manager
- environmental consultant
- environmental scientist
- fisheries manager
- marine biologist
- marine educator
- marine research assistant
- marine research technician
- marine scientist
- natural resource manager

Contact information

School of Ocean Futures | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/
cgfadvising@asu.edu
480-727-6963

Sustainability, BS (SUSUSTBS)

College/School: College of Global Futures

Campus: Tempe, Online

Program description

Students in ASU's School of Sustainability are reinventing the future of a world at risk. Students gain career preparation through experiential learning, study abroad, research with faculty, community engagement and leadership development. Sustainability graduates are transforming social and environmental quality of life for current and future generations.

The School of Sustainability offers both a Bachelor of Arts and a Bachelor of Science program in sustainability. Students focus on developing practical solutions to some of the most pressing environmental, economic and social challenges of sustainability, honing their skills in resilience and systems thinking. They learn to manage trade-offs, engage with diverse stakeholders, utilize future visioning tools, and assess the ethics and values associated with different solution pathways.

The BS program is geared toward students interested in the more quantitative aspects of sustainability, such as those related to energy and materials, economics, and ecology and environmental science.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: SOS 211 - Calculus and Probability
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sustainability Solutions, MSUS

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 2.50, based on at least 12 credit hours of ASU coursework.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sustainability/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSUSTBS~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) webpage and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

The growing emphasis on sustainability extends beyond corporate and governmental sectors, offering diverse career opportunities in nonprofits, nongovernmental organizations, community development, justice equity and inclusion efforts. Opportunities encompass sustainability coordination, management, leadership and more. Students can explore alumni employment data for career insights on the College of Global Futures employment data page.

Individuals with a BS in sustainability particularly contribute to these fields. Their education equips them with a comprehensive approach to addressing sustainability challenges, making them valuable to employers and graduate programs. These graduates possess a deep understanding of complex systems drawn from diverse disciplines and excel in forward-thinking strategies and stakeholder engagement.

Their strong communication skills, honed through coursework and practical experiences, enable them to effectively convey sustainability concepts. Additionally, their expertise in teamwork and relationship building empowers seamless collaboration in diverse settings. Armed with these skills, graduates are well prepared to make a lasting impact on the environment, society and global sustainability efforts.

Contact information

School of Sustainability | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/
cgfadvising@asu.edu
480-727-6963

Sustainability, BA (SUSUSTBA)

College/School: College of Global Futures

Campus: Tempe, Online

Program description
Students in ASU's School of Sustainability are reinventing the future of a world at risk. Students gain career preparation through experiential learning, study abroad programs, research with faculty, community engagement and leadership development. Their knowledge and innovations will shape the social and environmental quality of life for future generations.

The School of Sustainability offers a Bachelor of Arts and a Bachelor of Science program in sustainability. Students focus on developing practical solutions to some of the most pressing environmental, economic and social challenges of sustainability, honing their skills in resilience and systems thinking. They learn to manage trade-offs, engage with diverse stakeholders, utilize future-visioning tools, and assess the ethics and values associated with different solution pathways.

The BA program is geared toward students with interests in the social dimensions of sustainability, in local to global contexts, with an emphasis on governance, policy, urban systems and international development.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sustainability Solutions, MSUS

Public Administration, MPA

Global Management, MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 2.50 based on at least 12 credit hours of ASU coursework.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-sustainability/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSUSTBA~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage (https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

The growing emphasis on sustainability extends beyond corporate and governmental sectors, offering diverse career opportunities in nonprofits, nongovernmental organizations, community development, justice equity and inclusion efforts. Opportunities encompass sustainability coordination, management, leadership and more. Students can explore alumni employment data for career insights on the College of Global Futures employment data page.

Individuals with a BA in sustainability distinctly contribute to these fields. Their education equips them with a comprehensive approach to addressing sustainability challenges, making them valuable to employers and graduate

programs. These graduates possess a deep understanding of complex systems drawn from diverse disciplines, and they excel in forward-thinking strategies and stakeholder engagement.

Their strong communication skills, honed through coursework and authentic experiences, enable them to effectively convey sustainability concepts. Additionally, their expertise in teamwork and relationship-building empowers seamless collaboration in diverse settings. Armed with these skills, graduates are well prepared to make a lasting impact on the environment, society and global sustainability efforts.

Contact information

School of Sustainability | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/
cgfadvising@asu.edu
480-727-6963

Sustainable Food Systems, BS (SUSFOSYSBS)

College/School: College of Global Futures

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program description

The Bachelor of Science program in sustainable food systems trains students to understand food-related challenges using a food systems lens, which encompasses the many aspects of food and agriculture within an integrated social and environmental context and empowers students to grapple with modern complexities. Students become effective agents of change.

Coursework covers a wide variety of topics, such as nutrition science, agricultural production, economics and social justice. Students are encouraged to select electives that build upon core sustainable food systems coursework.

Students are engaged in an active community collectively working to achieve the 2030 United Nations Sustainable Development Goals. Beyond the core subject matter and skills courses, the degree requirements include an internship, a chosen focus area and a culminating project-based course, all of which provide students in-depth knowledge of a food-related subfield and ample preparation for exciting careers.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: SOS 211 - Calculus and Probability
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sustainable Food Systems, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

ASU students who would like to change their major to sustainable food systems are required to have a minimum cumulative ASU GPA of 2.50 based on at least 12 credit hours of ASU coursework.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/sustainable-food-systems/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSFOSYSBS~null&college=CGF) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities available to them, students of all majors, including programs in the College of Global Futures, are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students can find programs specific to their interests on the College of Global Futures study abroad webpage

(https://collegeofglobalfutures.asu.edu/student-life/study-abroad/) and additional opportunities and information on the ASU Global Education Office website (https://goglobal.asu.edu/). These sites also include additional information about applying for funding to support global travel.

Career opportunities

Graduates have a broad understanding of sustainable food systems and are prepared for pursuing careers in areas such as:

- agricultural development and poverty alleviation --- contributing to projects enhancing agricultural practices in underserved regions and fostering economic growth and food security
- community food systems management --- leading initiatives promoting local and sustainable food systems, tackling diet-related health issues and advocating for healthier food choices
- food entrepreneurship and marketing --- starting sustainable food ventures, innovating in product development, and engaging in marketing and agribusiness to promote eco-friendly food products
- food literacy --- educating communities on sustainable food choices, cultivating awareness and responsible consumption habits
- public policy and advocacy --- advocating for sustainable food policies, participating in governance and leading grassroots movements for change
- resource management for sustainable food production --- playing a vital role in sustainable resource management, safeguarding the environment during food production

Contact information

School of Sustainability | WCPH 4th floor
https://collegeofglobalfutures.asu.edu/undergraduate-recruitment/
cgfadvising@asu.edu
480-727-6963

Global Management, Thunderbird School of

Global Management, BGM (TBTGMBGM)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix, Online

Program description

The Bachelor of Global Management program offers two tracks: the international business, language and culture track, for which two years of foreign language is required, and the international business and culture track, with no foreign language requirement and greater emphasis on management-related courses. Students who select the foreign language track may complete coursework in a variety of languages. The international business, language and culture track is offered to on-campus students only. Online students may pursue only the international business and culture track.

Everyone in the program has the opportunity to explore the politics, cultures and economics of different countries around the world while putting the skills they have learned into practice in practical settings through a required international internship. Although students are strongly encouraged to pursue internships outside their home country, they may satisfy this requirement by doing a local internship with an international component.

Students often choose to apply their electives toward a minor or certificate offered by another department, enabling them to specialize in a second area of interest that complements their major. Electives may include areas such as communications, cybersecurity, data analytics, digital media, languages, nonprofit leadership, political science, psychology, public relations, risk management, sales and marketing, and sustainability. The minor and certificate search can be found in Degree Search (https://degrees.apps.asu.edu/minors).

Students also complete a senior capstone project that draws on the skills they have developed throughout the program. In the capstone project, students work together in consulting teams to provide recommendations for a global organization on a challenge it faces internationally. The internship and the capstone project enable students to demonstrate their skills and work experience for potential employers as part of their professional development plan.

The BGM program is also offered in a flexible online format. Students should visit the ASU Online website (https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/) for more information.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded, and eager to develop and advance their careers in leadership and management within the global and digital landscape. Upon completion of this degree, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Leadership and Management, MLM

Applied Leadership and Management, MALM

Global Management (Global Affairs), MGM

Technology (Management of Technology), MSTech

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Communication Studies, MA

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Management of Technology, MS

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current students or those who have an established ASU GPA and would like to change their major to global management must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TBTGMBGM~null&college=CTB) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate international business opportunities based on global entrepreneurship concepts.
- Apply cross-cultural communication strategies to interact effectively with diverse groups.
- Analyze data using critical thinking skills to make informed decisions.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business, especially global management.

Through international study and internships, students gain skills employers value highly, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Completing their required Thunderbird internship abroad positions students to thrive in leadership roles globally upon graduation.

Interested students can find more information on available programs on the Global Education Office website (https://goglobal.asu.edu/).

Career opportunities

The global economy continues to face volatility and disruption as it expands, contracts and interconnects. Partly because of this, demand for specialists with a global mindset is rapidly increasing.

The BGM program prepares students to take on leadership roles in multinational corporations, government agencies or nongovernmental organizations. Students gain experience and develop skills that international companies, governments and nonprofit entities value highly in employees.

Graduates can thrive in leadership roles in the following fields:

- consulting

- entrepreneurship
- foreign service
- global marketing
- human resources

Career opportunities include:

- chief sustainability officer
- compliance manager
- country manager
- foreign service officer
- general manager
- global entrepreneur
- international marketing manager
- international sales manager
- manager of a nonprofit organization
- regulatory affairs manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/undergraduate/bachelor-global-management
ugadvising@thunderbird.asu.edu
602-496-7100

International Trade, BS (TBINTRABS)

College/School: Thunderbird School of Global Management

Campus: Downtown Phoenix, Online

Program description

The Bachelor of Science program in international trade provides talented, driven students with the exposure to the global business environment that will distinguish them in the workforce. Students learn the functional disciplines of international business while gaining an in-depth understanding of the political, cultural and economic aspects of doing business on a global scale and in international markets in which government regulations vary widely from country to country.

Supported by Thunderbird's training that builds a global mindset, Thunderbird's STEM-designated BS program provides rigorous training for a career in global commerce. Students gain tools for managing supply chains, systematically assessing risk, exporting and importing goods and services, and using economic agreements to develop effective strategies for conducting international trade.

This program is distinct in enabling students to learn new skills needed for a career in international trade through comprehensive hands-on training, and then to apply those skills during a local, national or international internship. Along with applicable learning experiences that open up global career opportunities, students attend courses taught by outstanding Thunderbird graduate school faculty and enjoy unique opportunities to learn from fellow students from around the world.

Thunderbird's BS program is also offered in a flexible online format. Students should see the ASU Online website (https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/) for more information.

About Thunderbird
Thunderbird School of Global Management has produced world-class leaders for more than 75 years. The ideal Thunderbird student is curious, globally minded and eager to develop and advance their career in leadership and

management within the global and digital landscape. Upon completion of this program, graduates join a thriving global alumni network nearly 50,000 strong, managing some of the world's largest institutions, companies, nonprofits and NGOs.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Leadership and Management, MLM

Applied Leadership and Management, MALM

Global Management (Global Affairs), MGM

Technology (Management of Technology), MSTech

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Management of Technology, MS

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current students or those who have an established ASU GPA and would like to change their major to international trade must have a minimum cumulative ASU GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TBINTRABS~null&college=CTB) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze global trade contexts to support strategic decision-making in international markets.
- Apply cross-cultural communication strategies to interact effectively with diverse groups.
- Analyze data using critical thinking skills to make informed decisions.

Global opportunities

Global experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business, especially international trade. Through international study and internships, students gain valuable skills that employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on how international trade functions worldwide. More information on available programs can be found on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

In the increasingly globalized economy, the dramatic expansion of international trade has created tremendous opportunities for global business, and Thunderbird's BS program prepares students for a career in this growing field, in which skilled managers are in demand all over the world. Trained negotiators with a strong grasp of economics and politics on an international level are more valuable than ever to employers operating across borders.

Thunderbird's rigorous curriculum and renowned faculty prepare students for leadership positions in a wide variety of career fields. Graduates have the intercultural skills and global mindset needed to do business or take on leadership roles in any part of the world. Graduates of this program have mastered a repertoire of globally transferable skills that open doors to an abundance of opportunities, including these positions:

- commodities broker
- compliance manager
- financial risk specialist
- import and export agent
- international business development manager
- international market analyst
- international product or brand manager
- regional manager

Contact information

Thunderbird School of Global Management | TGHB 209
https://thunderbird.asu.edu/degree/undergraduate/bachelor-science-international-trade
ugadvising@thunderbird.asu.edu
602-496-7100

Health Solutions, College of

Applied Nutrition and Health, BS (NHFNUENBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

Program description
The Bachelor of Science program in applied nutrition and health introduces students to nutrition principles, along with essential skills in communication, leadership and community engagement, to develop and apply innovative solutions to health concerns across populations.

Coursework explores the fundamentals of nutrition, such as macro- and micronutrients and developing nutrition care plans. Students develop a deep understanding of more specialized topics such as cultural aspects of food and health, food and health policy, food safety and food sustainability. This curriculum prepares graduates to apply their nutrition expertise to a variety of careers. Students also engage in experiential learning with community partners specializing in food and nutrition to gain practical experience, develop professional relationships and establish a foundation for their future goals.

Students select from one of three focus areas that align with their interests and professional goals: community nutrition, food service operations, or pre-dietetics. In community nutrition, students delve into strategies for promoting health and wellness within communities. Through evidence-based social media efforts, students address critical public health issues. Food service operations courses teach principles of management, strategy, supply chain management and entrepreneurship in food and nutrition. For students interested in becoming registered dietitians, the pre-dietetics focus offers the additional science and leadership courses required for dietetics-focused graduate programs.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Medical Nutrition, MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/food-and-nutrition-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHFNUENBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Communicate evidence-based food and nutrition information and basic food science information in oral and written form.
- Identify and explain improvements in a culinary workplace using the tenets of food safety.
- Apply the principles of food management and systems in the provision of food and nutrition services to individuals and organizations.
- Develop a menu applying knowledge of food and nutrition and utilize leadership and communication skills working in the field.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, applied nutrition and health students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in applied nutrition and health.

Career opportunities

Graduates are prepared for careers in:

- community nutrition and public health
- management of food service and sustainable food systems
- marketing and development of food products
- nutrition consulting
- nutrition and health communication and promotion

Graduates with the pre-dietetics focus are eligible to apply to a graduate program in dietetics that prepare them to take the registered dietitian exam.

Graduates also have the capability to launch startups and businesses focused on individual practice, consulting, and new product and service development.

Professional licensure
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information
College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHFNUENBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Applied Science (Applied Nutrition and Health), BAS (ECNTRBAS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

Program description
The Bachelor of Applied Science program with a concentration in applied nutrition and health is specifically designed for students who have earned an Associate of Applied Science degree from a regionally accredited institution and who wish to further their education through a nutrition-focused bachelor's degree program.

Students gain practical knowledge and specialized skills necessary to promote health and wellness through nutrition within communities. Students aspiring to become registered dietitians may customize their experience to prepare for dietetics-focused graduate programs.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree. This program is not available to first-year students.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Only students who have completed an AAS degree are eligible to declare BAS majors at ASU.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-science-nutrition/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRBAS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Communicate evidence-based food and nutrition information and basic food science information in oral and written form.

- Develop a menu applying knowledge of food and nutrition and utilize leadership and communication skills working in the field.
- Apply the principles of food management and systems in the provision of food and nutrition services to individuals and organizations.
- Identify and explain improvements in a culinary workplace using the tenets of food safety.

Global opportunities

Global experience: Food is at the center of culture. Studying abroad (https://goglobal.asu.edu/) helps students gain a deeper understanding of how food and culture intertwine, and they learn how to communicate nutritional and sanitary standards to a diverse audience.

Students' resumes are enhanced with the heightened communication, cultural competency and critical thinking skills they acquire through study abroad.

The College of Health Solutions recommends these study abroad programs (https://goglobal.asu.edu/students/major/chs/nutrition) for students majoring in applied nutrition and health.

Career opportunities

Graduates are prepared for careers in food service management and marketing, nutrition education, nutrition and health communication, community nutrition and public health, and nutrition consulting. With additional education or professional training, graduates may also become credentialed as:

- certified dietary managers
- registered sanitarians
- school food service and nutrition specialists

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/ECNTRBAS/undergrad/false/91407
chs@asu.edu
602-496-3300

Applied Science (Health Sciences), BAS (NUHSCBAS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Polytechnic, West Valley, ASU at Yavapai, Online

Program description

The Bachelor of Applied Science program with a concentration in health sciences is designed for students who have earned an Associate of Applied Science from a regionally accredited institution and wish to further their education through a health-focused bachelor's degree program.

Students learn about health care systems and how these systems are financed and structured. Leadership and professionalism are highlighted, along with the role of providers in delivering evidence-based care.

Students develop ethical and effective communication skills, analyze today's challenges and develop innovative solutions that prepare them for careers in the health care workforce.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree. This program is not available to first-year students.

Transfer admission requirements: The BAS program is specifically for those who have earned an Associate of Applied Science degree from a regionally accredited institution. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science following transfer to ASU. In completing the bachelor's degree program, students fulfill all ASU graduation requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Only students who have earned an AAS are eligible to change their major to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-health-sciences/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCBAS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate health care systems and their role in influencing health outcomes.
- Understand the role and scope of health care professions in providing evidence-based care.
- Apply interpersonal professional skills required to work within a healthcare-related organization.

Global opportunities

Global experience: With more than 300 programs available, study abroad enables students to tailor their experience to their specific interests and skill sets. Students in health sciences are able to expand their knowledge of how health care impacts society in a variety of cultures, and experience new and distinct health environments across the globe. The valuable experience that students acquire while studying abroad enhances their resume.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/).

Career opportunities

Graduates may continue their area of expertise in allied health (e.g., radiology, nuclear imaging) and qualify for a managerial position, work as an educator or instructor within their field of expertise, or attain a higher-grade position within their current place of employment.

Other career options include positions such as:

- community nutrition aide for the Women, Infants, and Children program, known as WIC
- elder services program coordinator
- health maintenance organization or insurance company client coach
- health and patient educator
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NUHSCBAS/undergrad/false/91407
chs@asu.edu
602-496-3300

Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Bachelor of Applied Science program with a concentration in medical laboratory science enables students to perform analytical tests on blood, tissue and body fluids in order to provide laboratory information for the detection, diagnosis and treatment of human diseases.

Students learn to work independently using skills and knowledge with more depth and breadth compared with those of medical laboratory technicians, who are typically graduates of a two-year or community college program.

This program is accredited by the National Accrediting Agency for Clinical Laboratory Science: https://www.naacls.org (https://www.naacls.org/); 5600 N. River Rd, Suite 720, Rosemont, IL 60018; (773) 714-8880.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Only students who have been admitted through Phoenix College and who have completed the prerequisite coursework, verified by the program director or program advisor, are eligible to apply to this program. The following requirements are a part of the application process and are included in the separate program application, which is released to those who are considered eligible during a specified application cycle:

• Gain admission to Phoenix College.
Complete the program application, which should include:
• student information
• coursework
• immunizations
• proof of basic life support or CPR certification
• background check
• health declaration
• experience in medical laboratory sciences
• employment observation verification
• references
• Review and sign the checklist.

Submit the materials to:

CHS Student Services
Mail Code 9020 ATTN: MDL Program
Arizona State University
500 N 3rd St
Phoenix AZ 85004

• Apply to Arizona State University.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Only students who have completed an Associate of Applied Science degree and who have completed the prerequisite coursework, verified by the program director or program advisor, are eligible to change their major to this program. Interested ASU students should contact a program advisor for more information.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUMLSBAS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze patient specimens in the area of immunohematology/antibody identification using various testing procedures
- Will adhere to laboratory protocols in the clinical chemistry area to identify proper quality control and patient values.
- Identify the clinical significance of various microbiology culture results with accurate patient workups and result reporting.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, applied science students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared for advanced employment opportunities within the fields of medical technology, cytology, clinical laboratory science and related areas.

Between 2021 and 2023, this program achieved a 98% graduation rate, a 90% job placement rate, and an 80% pass rate on national certification examinations.

The Bureau of Labor Statistics reports that overall employment of medical laboratory scientists is projected to grow 11% between 2018 and 2028. This is much faster than the average for most occupations.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NUMLSBAS/undergrad/false/91407
chs@asu.edu
602-496-3300

Biomedical Informatics and Data Science, BS (ESBMIBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

This program's name has changed effective Fall 2025. The previous name was Biomedical Informatics.

Program description

The Bachelor of Science program in biomedical informatics and data science teaches students how to use health care data to make educated predictions about the spread of disease and infection in order to pinpoint the origin of contamination. Additionally, students learn methods for automatic detection of health events, assessment of a person's health and forecasting adverse health outcomes.

Students develop critical skills in:

• data acquisition and analysis: gathering, processing and gaining insight from biomedical data
• data management: understanding how to organize and maintain vast amounts of health information
• knowledge representation: transforming complex data into understandable and usable formats
• modeling and machine learning: using advanced algorithms to predict health trends and inform clinical decisions

Students also have the opportunity to conduct next-generation research with faculty experts in areas such as bioinformatics, artificial intelligence, clinical informatics, imaging informatics and population health, preparing them to address practical health challenges.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biomedical Informatics and Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMIBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Articulate informatics solutions to improve patient care.
- Implement existing informatics solutions to improve patient care.
- Analyze large data sets to improve decisions for patient care or population health.
- Implement informatics solutions to represent and manage biomedical data

Global opportunities

Global experience: Students gain valuable experience when studying abroad (https://goglobal.asu.edu/) --- experience that enhances their resumes. With more than 300 programs available, Global Education programs enable students to tailor their experience to their specific interests and skill sets. Students in biomedical informatics are able to expand

their knowledge of how health care systems impact society in a variety of cultures, and they experience new and distinct information science and technology environments across the globe.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in biomedical informatics and data science.

Career opportunities

Whether they want to improve patient care, develop new medical technologies, or contribute to public health initiatives, graduates with a degree in the rapidly expanding field of biomedical informatics and data science are prepared for careers in a wide variety of settings.

They are employed in positions such as:

- bioinformatician
- data science analyst
- public health informatics scientist
- software engineer

Those with interests in life sciences and technology may see this program as an innovative way to combine the two. Others may use this degree as the first step toward medical school, a career in advanced medical research, or graduate-level study in biomedical informatics.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/ESBMIBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Clinical Exercise Science, BS (ECEXERBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

In the Bachelor of Science program in clinical exercise science, students develop an extensive understanding of how the human body responds to and benefits from exercise.

Hands-on laboratory courses with innovative exercise, metabolic and cardiopulmonary equipment provide students with the skills and experience they need to be hired as exercise physiologists in health care settings upon graduation.

Upper-division and special topics courses enable students to gain an even deeper understanding in an area of interest, such as exercise for chronic and neurological conditions or nutrition for health and performance.

Students gain the knowledge necessary to pass the exercise physiologist certification exam from the American College of Sports Medicine. Many students use this program as a pathway to physical therapy, occupational therapy and other professional graduate school programs. Accelerated pathways into physical therapy and occupational therapy programs at partner institutions are available to competitive students.

This program is accredited through the Commission on Accreditation of Allied Health Education Programs (https://www.caahep.org (https://www.caahep.org/)) and endorsed by the American College of Sports Medicine.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Clinical Exercise Physiology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECEXERBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply mathematical skills related to bioenergetics and exercise intensities.
- Apply the principles guiding evidence-based practice learned through the appraisal of scientific literature.
- Create exercise prescriptions for healthy clients and clients with chronic conditions.
- Apply professional competencies (i.e., job-related skills) commonly required in the fitness industries.
- Apply concepts of basic human anatomy and physiology as they relate to exercise.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, clinical exercise science students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in clinical exercise science.

Career opportunities

This degree program prepares students to become exercise physiologists, an occupation with a faster than average growth rate, according to the U.S. Bureau of Labor Statistics (https://www.bls.gov/ooh/healthcare/exercise-physiologists.htm).

In addition to working as exercise physiologists, graduates may obtain positions as clinical exercise specialists, exercise scientists or weight management consultants in settings such as:

- cardiac rehabilitation facilities
- corporate wellness firms
- health care agencies and medical centers
- hospitals
- lifestyle and weight management consulting firms
- medical fitness centers
- nonprofit disease prevention agencies (e.g., American Heart Association)
- outpatient fitness centers
- university fitness and wellness centers

Specialty areas may include:

- bariatric weight loss (counseling and pre- or postsurgery fitness training)
- cancer rehabilitation
- cardiac rehabilitation
- corporate fitness and worksite wellness
- exercise and weight counseling and management

Graduates are well prepared for admission to graduate programs in clinical exercise physiology, athletic training, obesity prevention and management, rehabilitative fields (e.g., physical therapy, occupational therapy) and medicine.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/ECEXERBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Dietetics, BS (NHDIETCSBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in dietetics provides a comprehensive foundation for students aspiring to become registered dietitians. This program blends coursework in anatomy, physiology, chemistry and nutrition. Students are equipped with the knowledge to promote health through dietary interventions and readied for diverse roles in health care.

Crucially, students are prepared to apply for a dietetic internship and related master's degree programs, both of which are required by the Commission on Dietetic Registration to sit for the registration exam. More information can be found on the Academy of Nutrition and Dietetics website at https://www.eatright.org/become-an-rdn (https://www.eatright.org/become-an-rdn).

This program is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plaza, Suite 2190, Chicago IL 60606-6995; phone: 800-877-1600, ext. 5400; https://www.eatrightpro.org/acend (https://www.eatrightpro.org/acend).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Nutritional Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHDIETCSBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.
- Use the Nutrition Care Process to make decisions, identify nutrition-related problems and determine and evaluate nutrition interventions.
- Apply management theories to the development of programs or services.
- Demonstrate effective and professional oral and written communication and documentation.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, dietetics students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in dietetics.

Career opportunities

The nutrition and dietetics field provides graduates with employment opportunities in a variety of areas:

- client consultation, including for diabetes management or weight loss education
- food and nutritional product development
- food and nutrition marketing and sales
- nutrition and health promotion
- pediatric and geriatric settings
- public health

- school food service

Graduates may find opportunities in hospitals and other health care facilities or public health agencies.

Most graduates of this program pursue further education and credentials such as:

- registered dietetic technician
- registered dietitian or nutritionist
- school nutrition specialist

These credentials provide further job opportunities in clinical, community and food service settings listed above.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHDIETCSBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Health Care Administration and Policy, BS (NHHCDBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

Program description

The Bachelor of Science program in health care administration and policy examines the design of health care systems, processes, leadership, quality improvement and management. This expertise empowers students to become the next generation of leaders who optimize health care delivery and enhance health outcomes for all.

Students acquire foundational knowledge of health care administration and health policy with a focus on leadership, economics, finance, social drivers of health, informatics and systems engineering. The multidisciplinary faculty, comprising tenure-track and clinically trained professionals, collaborate to create, teach and share knowledge with students in the program.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biostatistics, MS

Global Management, MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-admin-policy/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHCDBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Implement effective leadership and management strategies to enhance performance of the health care workforce.
- Critically analyze public and population health structures and frameworks through the lens of socio-cultural factors and diverse cultural perspectives to enhance healthcare delivery.
- Analyze data and processes to improve outcomes in population health.
- Analyze how policy and economics influence professional health service delivery.

Global opportunities

Global experience: Studying health care administration and policy abroad (https://goglobal.asu.edu/) enables students to develop valuable skill sets. Being exposed to distinct health environments, learning culturally specific health approaches, and improving intercultural communication skills help prepare students to lead, giving them an advantage in their professional careers.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in health care administration and policy.

Career opportunities

Opportunities for graduates include entry-level positions in health care administration, hospital management, program management, policy, advocacy, system design, quality improvement and health services research.

Graduates may pursue further education through graduate programs in areas such as health care delivery, population health, data science, administration and management.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHHCDBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Health Education and Health Promotion, BS (NHHEHPBS)

College/School: College of Health Solutions

Campus: Online

Effective Fall 2025, ASU is no longer accepting new students to this program. Students interested in this program should apply to the Health Sciences (Healthy Lifestyles and Fitness Science), BS, which has a health education and health promotion track.

Program description

In the Bachelor of Science program in health education and health promotion, students learn how to improve health outcomes and prevent chronic and infectious disease. They develop an understanding of how to help communities advocate for healthier environments and champion health equity. Students learn to plan, implement, manage and evaluate health promotion programs.

Students are able to specialize their knowledge in areas such as:

• body image and wellness
• climate and health
• diabetes prevention
• emergency preparedness
• HIV and substance abuse prevention
• school health
• sexual health
• social media and health
• violence prevention

After students graduate, they are eligible to sit for the certified health education specialist exam through the National Commission for Health Education Credentialing (https://www.nchec.org (https://www.nchec.org/)). This is a globally

recognized credential for health professionals. The health education and health promotion program rigorously prepares students for the CHES exam.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHEHPBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, health education and health promotion students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in health education and health promotion.

Career opportunities

Employment of health educators is expected to grow much faster than the average for all professions, with the U.S. Department of Labor predicting a 7% increase in the field between 2023 and 2033. The need for health education specialists, or health educators, has never been more critical than it is today.

Health education specialists can work with nonprofit organizations, tribal nations, schools, hospitals, clinics, businesses and government agencies. Graduates can hold an assortment of roles, such as program evaluator, patient education coordinator, public information specialist and grant writer.

Common job titles include:

- community health educator
- community outreach coordinator
- prevention specialist
- wellness coordinator

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHHEHPBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Health Sciences, BS (NHHSCBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Polytechnic, West Valley, Online

Program description

In the Bachelor of Science program in health sciences, students learn about health care systems and how systems are financed and structured. The role of providers in delivering evidence-based care is highlighted, along with the development of skills in leadership, professionalism, effective communication and ethical conduct. Modern challenges are analyzed, leading graduates to develop innovative solutions.

Students focus their learning in one of the following areas:

• community-based health outcomes
• health legislation and regulation
• health and media
• integrative care
• mental and behavioral health

A limited number of students each year may apply to pursue the echocardiography certificate through Mayo Clinic after taking prerequisite courses. Following certificate completion, students may transfer the credits for application toward the bachelor's degree in health sciences. Interested students should seek advising before starting coursework.

Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-sciences-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHSCBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Understand the role and scope of health care professions in providing evidence-based care.
- Assess the role of domestic and global health care systems in influencing health outcomes for a given population.
- Apply interpersonal professional skills required to work within a healthcare-related organization.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) provides health sciences students with the opportunity to develop a valuable skill set, such as flexibility and communication skills, that can give them an advantage in their professional career. Students gain personal enrichment through exposure to distinct health environments, where they learn culturally specific health approaches and much more.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in health science.

Career opportunities

Graduates are prepared to continue their education in graduate or professional school or to enter the health field or health care workforce in a variety of capacities, including indirect patient, direct patient and community care roles.

Career opportunities include:

- community nutrition aide for the Women, Infants, and Children program, known as WIC
- elder services program coordinator
- health maintenance organization or insurance company client coach
- health and patient educator
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist

Graduates also may choose to pursue advanced degree programs in various discipline-specific medical fields.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHHSCBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Health Sciences (Health Policy), BS (NUHSCHPBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in health care administration and policy or the BS in health sciences.

Program description

The Bachelor of Science program in health sciences with a concentration in health policy is designed to provide the academic knowledge and skills that allow students to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

Students complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness.

The health policy program is designed for students interested in the community policy aspects of disease prevention and health promotion. The continuum of health care now spans a diverse array of health providers ranging from private practitioner offices and outpatient care centers to residential care facilities and acute care hospitals. Key to the enhancement of health care within the U.S. is the development and implementation of innovative, cost-effective and universally accessible programs.

Students in this concentration are required to complete a supervised practicum, providing hands-on experience within their field of interest. Students may also wish to consider using their electives to complete a minor in nonprofit administration, which requires 15 credit hours.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The Downtown Phoenix campus is available to all students who meet university admission standards.

The West Valley campus is only available to students who will be first-time freshmen, defined as those who have earned 12 college credit hours or fewer at the time of admission.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCHPBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities
Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, health sciences students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities
Career opportunities are available in city, county and state departments of health, with additional employment opportunities in the health insurance industry, nonprofit sector and within various corporate entities providing health care.

Contact information
College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/
chs@asu.edu
602-496-3300

Health Sciences (Healthy Lifestyles and Fitness Science), BS (NUHSCHLCBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

Program description
The Bachelor of Science in health sciences with a concentration in healthy lifestyles and fitness science is a dynamic program that blends multidisciplinary coursework with hands-on training, providing a strong foundation in promoting healthy lifestyles. Students gain expertise in nutrition, fitness, stress management, substance abuse prevention, behavior change, health coaching and health promotion program management.

Students are equipped to make a meaningful impact on individual and community health, addressing challenges related to social determinants of health.

The program offers three academic tracks that prepare students for nationally accredited certifications:

Fitness science: Students learn to assess clients and create personalized exercise programs to optimize health. Courses cover physical activity planning, exercise prescription, body image, wellness and injury risk assessment. Graduates are prepared for personal training certification through the American College of Sports Medicine. https://www.acsm.org (https://www.acsm.org)

Health education and health promotion: Students develop, lead and evaluate health promotion programs, addressing topics such as diabetes prevention, sexual health and emergency preparedness. This track prepares graduates for the Certified Health Education Specialist exam through the National Commission for Health Education Credentialing. https://www.nchec.org (https://www.nchec.org)

Health and wellness coaching: Students learn behavior change strategies and motivational interviewing techniques. Graduates are prepared for certification as Health and Wellness Coaches through the American Council on Exercise (https://www.acefitness.org (https://www.acefitness.org)) and may pursue additional credentialing through the National Board for Health and Wellness Coaches (https://nbhwc.org (https://nbhwc.org)).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics

or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Medical Nutrition, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-sciences-healthy-lifestyles-coaching/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=NUHSCHLCBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply evidence-based concepts to promote healthy lifestyles.
- Integrate ethical standards in all aspects of health promotion.
- Design comprehensive health promotion programs to meet the health needs of individuals and communities.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, nutritional science students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in health sciences with a concentration in healthy lifestyles and fitness science.

Career opportunities

According to the U.S. Bureau of Labor Statistics, employment for health coaches and health educators is projected to grow 7% between 2023 and 2033, faster than the average for all occupations.

Health, wellness and fitness coaches work in a multitude of professional environments. Specialty areas may include bariatric weight loss clinic counseling and management, and corporate fitness and worksite wellness.

The globally recognized credentials available through this program open doors to careers in health education, promotion and coaching worldwide and create a long-term pathway to becoming a certified diabetes care and education specialist (https://www.cbdce.org) or a lifestyle medicine professional (https://lifestylemedicine.org/certification).

Career options include positions such as:

- community health educator
- community nutrition aide for the Women, Infants, and Children program, known as WIC
- community outreach coordinator
- corporate wellness coordinator
- fitness center director
- health education specialist (program developer)
- health and patient educator
- personal trainer
- prevention specialist
- school health and nutrition program specialist
- worksite wellness coach or coordinator

Graduates are also well prepared for admission to graduate programs in health promotion, population health, lifestyle management, integrative health, health administration, psychology and medicine.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NUHSCHLCBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Health Sciences (Pre-professional), BS (NUHSCPREBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in medical studies.

Program description

The Bachelor of Science program in health sciences provides students the academic knowledge and skills they need to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

The preprofessional program is designed for students planning to enter medical, dental, osteopathic, physical therapy, veterinary, pharmacy and similar professional schools. In addition to a comprehensive core of basic science courses, the concentration is unique in that it provides a solid base in ethics; communication; the evaluation of research (the cornerstone of evidence-based practice); and healthy lifestyles (the foundation of health promotion and chronic disease risk reduction avenues of health care), including the role of complementary and alternative care within the U.S. health care system. Students have the ability to incorporate electives that contribute to their knowledge of and sensitivity to the needs of populations impacted by health disparities.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCPREBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, health sciences students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared for entrance into an advanced degree program in the medical field. Their immediate employment opportunities include:

- clinical research coordinator
- health officer
- sales and marketing representative (pharmaceutical or medical device companies)

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/
chs@asu.edu
602-496-3300

International Public Health, BIPH (NHIPHBIPH)

College/School: College of Health Solutions

Campus: Online

Program description

The Bachelor of International Public Health program is designed to build and strengthen the international public health workforce.

Aligned with U.S. accreditation standards in public health, the BIPH program teaches new approaches to:

• communicable disease prevention and surveillance
• environmental health
• global health management
• health promotion and education
• public health issues
• public health policy

Students develop a holistic, equitable, ethical and sustainable approach to public health practice, collaborating with diverse stakeholders to develop and implement strategies to ensure health for all.

In their final year, students complete a research-based capstone experience in their area of interest, which prepares them for their career of choice. Students use this opportunity to develop and implement public health research and interventions with community-based organizations throughout the world.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two= diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some= combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition= and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to= change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year.= Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-international-public-health/) for program descriptions and to request more= information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college= experience in which students take advantage of in-person success coaching and programming experiences on site= while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction= and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU.= Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHIPHBIPH~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to= create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and= resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Through study abroad, international public health students have the opportunity to gain exposure= to culturally specific health approaches and community-based opportunities and to learn about distinct health= environments and differences in the human condition worldwide.

With more than 300 options available, whether in a foreign country, in the U.S. or online, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their specific interests and skill sets.

Career opportunities

The most recent report of the United Nations High-Level Commission on Health Employment and Economic Growth described the importance of a global workforce that will support the creation of 40 million new jobs by 2030, particularly in low- and middle-income countries. Critical needs include global health policy, data and informatics, quality and process improvement, ethics, economics and community-based care.

Potential career titles include:

- education coordinator
- environmental health specialist
- health coach
- program coordinator
- program manager
- program officer
- project analyst
- public health scientist
- research associate

Commonly cited hiring organizations include the Peace Corps, the United States Agency for International Development, the Centers for Disease Control and Prevention, the United Nations Children's Fund, other nongovernmental organizations, and state and federal agencies.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHIPHBIPH/undergrad/false/91407
chs@asu.edu
602-496-3300

Kinesiology, BS (NUKINBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

The BS/MS accelerated option for this program is not currently available to ASU Online students.

Program description

The Bachelor of Science program in kinesiology offers an in-depth exploration of how the human body moves and functions, with a strong focus on health and performance.

This program provides a comprehensive and scientifically inclusive curriculum that covers the mechanical, anatomical, neural, developmental, physiological and psychological aspects of human movement. In the program, students complete the required coursework needed for many health professional schools, ensuring a strong foundation for advanced study.

The rigorous coursework is complemented by hands-on opportunities to work directly with faculty members on research projects, in labs, as teaching assistants or through independent study experiences.

With access to practical opportunities and the ability to tailor elective coursework to specialty areas, students in this program are well prepared to contribute to the fields of health and human performance, whether they choose to enter the workforce or pursue further education.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Clinical Exercise Physiology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/kinesiology-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUKINBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply biomechanical principles to the understanding and explanation of human movement.
- Apply principles of motor behavior to the understanding and explanation of human movement.
- Demonstrate the ability to synthesize data to make evidence-based practice decisions.
- Apply psychological principles to the understanding and explanation of human movement.
- Apply physiological principles to the understanding and explanation of human movement.

Global opportunities

Global experience: Professional health education is competitive. Fewer than 50% of the students who apply to medical schools are admitted, and there are four applicants for every seat in physician assistant programs. Medical and professional school admissions increasingly focus on students with dedication to community service, so engaging in community activities and research abroad will help any student who plans a career in a health field to create a diverse, accomplished portfolio.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, kinesiology students have the chance to experience distinct health environments, practice alternative approaches to health care, and witness the human condition in a global context. Opportunities also exist for hands-on research and community-based service, which can prepare students to lead in a future-focused career. Kinesiology students gain cultural competency, language skills and vital leadership experience while studying abroad.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in kinesiology.

Career opportunities

Graduates with a degree in kinesiology are prepared for graduate study that can lead to a variety of clinical and research occupations, including:

- allopathic, osteopathic or naturopathic physician
- athletic trainer
- biomechanist
- chiropractor
- clinical exercise physiologist
- occupational therapist
- orthopedic surgeon
- physical therapist
- physician assistant
- prosthetist or orthotist

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NUKINBS/undergrad/false/91407
CHS@asu.edu
602-496-3300

Medical Studies, BS (NHMEDBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Polytechnic, West Valley, Online

Program description

The Bachelor of Science program in medical studies enables students to meet the prerequisites for medical and professional school. This program also prepares students for required postgraduate entrance exams, including the revised MCAT.

Students can customize the medical studies degree to meet the prerequisites of the health professions programs to which they intend to apply. In addition, students have the opportunity to learn directly from health care providers who are currently practicing in the field, and they can select clinically related internships or electives during their junior year.

This degree program integrates evidence-based research, communication, ethics, critical thinking, teamwork and leadership --- all essential competencies for members of today's health care teams.

Because of the high volume of overlap in curriculum, students enrolled in this degree are not permitted to declare a concurrent degree combination with certain majors, such as the BS in biological sciences, including the following concentrations: biomedical sciences; genetics, cell and developmental biology; and neurobiology, physiology and behavior.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/medical-studies-bs-premed/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHMEDBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply the communication skills required to deliver effective patient-centered health care.
Formulate decisions in accordance with ethical, legal, and philosophical principles of the healthcare profession in assigned projects.
Analyze the health consequences of chronic disease, social determinants of health, and the overall impact on population health.
Create a portfolio representing their experience and accomplishments in preparation for employment or graduate studies.

Global opportunities

Global experience: Professional health education is competitive. Fewer than half of students who apply to medical schools are admitted, and there are four applicants for every seat in physician assistant programs. Medical and professional school admissions increasingly focus on students who are dedicated to community service, so engaging in community activities and research abroad will help any student pursuing a health career to create a diverse, accomplished portfolio.

Students pursuing medical studies who study abroad can advance their cultural awareness, medical experience and global health understanding. Global Education programs (https://goglobal.asu.edu/) expand students' knowledge of culturally specific health approaches while helping them develop strategies to adapt to distinct social circumstances. Study abroad is a chance to fine-tune communication, critical thinking and leadership capabilities while taking advantage of opportunities for research, internships and service.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in medical studies.

Career opportunities

Graduates are equipped with a diverse set of applicable skills for a number of exciting careers in the allied health fields, education, government, health care industries and nonprofit organizations.

Opportunities include these positions:

community health worker
project coordinator
research assistant
sales or marketing representative (e.g., medical device or pharmaceutical industry)

Graduates also are well prepared to pursue postgraduate health degrees in areas such as:

dentistry
medicine (Doctor of Medicine, Doctor of Osteopathic Medicine and naturopathic)
occupational therapy
optometry
pharmacy
physician assistant training

Further study can result in a career as a:

chiropractor
dentist
naturopathic physician
optometrist
pharmacist
physician
physician assistant
podiatrist
public health professional

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHMEDBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Nutrition, BS (NHNTRBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in nutrition should apply to the Food and Nutrition Entrepreneurship BS program.

Program description

The Bachelor of Science program in nutrition includes exploration of important emerging topics, including developing an evidence-based online presence through social media, blogging and podcasting; creating stand-alone businesses in nutrition, such as individual practices and consulting programs; and entrepreneurship in the food industry through development of new products and services.

Experiential learning is integrated into the program's curriculum; students have opportunities to work with external stakeholders and community partners specializing in food and nutrition entrepreneurship to gain applicable experience, develop professional relationships, and establish a foundation and direction for their future careers.

This program prepares students to work in the expanding field of food- and nutrition-related entrepreneurial ventures and program initiatives. Graduates are poised to meet within food and nutrition industries the demand for the application of valid nutritional concepts.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MA designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nutrition/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHNTRBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: In the field of nutrition, global experiences (https://goglobal.asu.edu/) can expose students to unique health environments and expand students' knowledge of culturally specific health approaches. Students gain a

deeper understanding of how food and culture intertwine and how to communicate nutritional and sanitary standards to a diverse audience. Students' resumes are enhanced with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad.

The College of Health Solutions recommends these study abroad programs (https://goglobal.asu.edu/students/major/chs/nutrition) for students majoring in nutrition.

Career opportunities

Nutrition graduates are prepared for careers within companies looking to innovate, in the delivery of products and services, in research and development, in management of food service and sustainable food systems, and in nutrition and health communication and promotion. They have the capabilities to launch startups and businesses focused on individual practice, consulting, and new product and service development. There are a wide array of career opportunities available for graduates of this program.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/
chs@asu.edu
602-496-3300

Nutrition (Dietetics), BS (ECNTRDBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in dietetics.

Program description

The Bachelor of Science program in nutrition with a concentration in dietetics prepares students with the required coursework and skills they need in order to apply for a dietetic internship, which is required before they can sit for the registration exam to become a registered dietitian, which is a food and nutrition expert. In addition to a core of professional nutrition courses, students complete a broad range of science, management and communication classes. The program emphasizes the application of nutrition within clinical, community, food production and wellness areas.

More information about this credential and the requirements for this credential can be found at https://www.eatrightpro.org/acend (https://www.eatrightpro.org/acend).

ASU's bachelor's degree program in nutrition with a concentration in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2190, Chicago IL 60606-6995, phone: 800-877-1600, ext. 5400.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRDBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Global experiences (https://goglobal.asu.edu/) can expose students in the field of nutrition to unique health environments and expand their knowledge of culturally specific health approaches. Students gain a deeper understanding of how food and culture intertwine, and they learn how to communicate nutritional and sanitary standards to a diverse audience. Students enhance their resumes with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad.

The College of Health Solutions recommends the following study abroad programs (https://goglobal.asu.edu/students/major/chs/nutrition) for students majoring in nutrition with a concentration in dietetics.

Career opportunities

The nutrition and dietetics field provides employment opportunities in fields such as:

- consulting
- education
- food and nutrition marketing and sales
- nutrition and health promotion
- school food service

Graduates may find opportunities in environments such as:

- hospitals and other health care facilities
- public health agencies

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA

https://chs.asu.edu/
chs@asu.edu
602-496-3300

Nutritional Science, BS (NHNUSCIBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in nutritional science provides a comprehensive foundation in nutrition, biology, chemistry and anatomy --- core areas crucial for understanding the body's functions and developing strategies to maintain and improve health. In this program, which includes specialized courses in integrative and functional health, students learn how to design personalized health interventions across the life span.

The curriculum equips students with the knowledge and skills to prevent and treat health conditions through nutrition, making it an ideal foundation for those who plan to pursue medical school, dental school, pharmacy school or other advanced health professions.

Hands-on learning is emphasized through a research capstone in which students work closely with experienced nutrition faculty. This experience not only deepens their understanding but also enhances their applications to graduate programs.

Students also develop essential skills in leadership, teamwork, communication and critical thinking, preparing them for diverse careers in health or further studies in nutrition and related fields.

Students interested in becoming a registered dietitian (commonly termed RD) are encouraged to apply to the BS in dietetics (https://degrees.apps.asu.edu/bachelors/major/ASU00/NHDIETCSBS/dietetics).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHNUSCIBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to interpret scientific literature to make evidence-based conclusions for the general public.
Students will be able to assess clinical and scientific data to make individual and community intervention or research implementation decisions.
Students will communicate food and nutrition information by reflecting on information and evaluating ethics of different approaches.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, nutritional science students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in nutritional science.

Career opportunities

Graduates can find job opportunities in medicine, clinical and life sciences research, molecular and cellular biology, industry research and development, dentistry and pharmacy.

In completing this program, graduates meet the prerequisites for medical and professional school. Graduates can go on to study:

dentistry
medicine (Doctor of Medicine, Doctor of Osteopathic Medicine, Doctor of Naturopathic Medicine)
nutrition and related fields
optometry
pharmacy

Graduates are also prepared to enter physician assistant programs.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHNUSCIBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Population Health, BS (NHPOPHLBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix, West Valley

ASU is not currently accepting applications for this program. Interested students should apply to the BS in Public Health program.

Program description

In the Bachelor of Science program in population health, students learn how social determinants of health, access to care, and infrastructure influence the health of defined groups. They also gain understanding of how community and professional stakeholders work across systems to improve health.

The multidisciplinary program features many modes of learning to enable and empower students. One is experiential learning, including student engagement as citizen scientists, to better understand population health. The program provides training in biomedical informatics, economics, social determinants of health, program and community assessment, program planning and health care delivery. This education leaves graduates well equipped to enter a growing field.

In the program, students can choose a track tailored to their professional interests. This allows them to customize their learning by focusing on health care compliance, health education, environmental systems, health systems design and improvement, or health informatics.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPOPHLBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, population health students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Multiple career opportunities exist for graduates with a degree in population health, depending on the areas of expertise that they developed via core training in population health and the track that they pursued. Those who pursued the biomedical information track, for example, are most qualified for positions that require working with a variety of datasets, while those who chose the health education specialist track are trained to work at the interface of health care and public health.

Specific job titles that currently exist for those trained in population health include:

community health worker
health care data analyst
program coordinator
population health analyst, coordinator or specialist
population health practice liaison for population outreach
research assistant

Contact information

College of Health Solutions | HLTHN 4th floor
https://chs.asu.edu/bachelors-degrees/majorinfo/NHPOPHLBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Public Health, BS (NHPBHBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

Public health is the practice of preventing disease and promoting good health within groups of people in communities or countries. The Bachelor of Science program in public health prepares graduates to make an impact in health care on a local and global scale. Students engage in coursework related to the five pillars of public health:

• biostatistics: analyzing data to understand health trends and outcomes
• environmental health: how environmental surroundings such as air, water and living conditions affect human health
• epidemiology: how diseases spread, their causes and how to control their growth
• health administration: the delivery of health services
• health education and health promotion: creating and delivering programs to encourage healthier behaviors and

lifestyles in order to prevent disease and improve well-being

While in the program, students participate in an internship that gives them practical experience in the public health workforce.

The BS program can pair well with the health education specialist certificate, the health care policy and delivery certificate, and the hospice and palliative care certificate, each offered by the College of Health Solutions.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPBHBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad is important for future success in the public health field. Exposure to distinct health environments expands students' cultural competencies and worldviews and eliminates bias, and students can enhance their portfolio of experience through hands-on research --- all of which give them an advantage in their field.

With more than 300 options available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their specific interests and skill sets. Whether in a foreign country, the U.S. or online, students in

public health are able to learn about unique health environments and differences in the human condition worldwide. The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in public health.

Career opportunities

Graduates of this program qualify for entry-level positions in public health education, sanitation and environmental control, public health administration, health promotion and similar areas.

Employment opportunities are available within national, state and local health departments and in community clinics, community and private advocacy groups, health education programs and nonprofit organizations.

Popular positions include:

community health worker --- liaising with officials to improve the quality and cultural competence of health care service delivery to the community or to vulnerable groups
environmental specialist --- investigating environmental health and food risks, advise the community on risk reduction and implement public health projects
occupational health and safety specialist --- inspecting workplaces for adherence to regulations, and designing programs for injury and illness prevention
public health educator --- developing and implementing strategies to improve the health of individuals and communities
sanitarian --- observing facilities to ensure minimal disease spread, developing protocols for hygiene and monitoring the handling of waste

The program also provides graduates with the knowledge and skills that enable them to continue their education in graduate programs in public health, population health or community health.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/NHPBHBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Speech and Hearing Science, BS (LASHSBS)

College/School: College of Health Solutions

Campus: Tempe, Online

The BS/MS accelerated option for this program is not currently available to ASU Online students.

Program description

The Bachelor of Science program in speech and hearing science engages students in study of the normal aspects of the communication process, with emphasis on:

• the human communication system, including the anatomy and physiology of the hearing and speech mechanisms
• normal development of speech and language production and perception
• speech, language and hearing science

The curriculum enables students to develop knowledge and skills to evaluate and determine speech and language deficits and disorders. Upper-division coursework introduces clinical methods and disorders of speech, language and hearing.

Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 117 - College Algebra
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Auditory and Language Neuroscience, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/speech-and-hearing-science-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASHSBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and

resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply knowledge of typical adult speech and language profiles to evaluate speech and language deficits.
Apply knowledge of typical speech and language development to evaluate developmental speech and language disorders.
Evaluate the results of audiograms, applying knowledge of normal hearing to determine hearing loss and auditory pathologies.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, speech and hearing science students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs/speech-hearing-science) for students majoring in speech and hearing science.

Career opportunities

Positions in speech-language pathology and audiology are in high demand, rated as careers with bright outlooks by the U.S. Department of Labor's Occupational Information Network. Potential employment opportunities for program graduates include these positions:

audiology assistant
hearing aid or cochlear implant company representative
research assistant or associate in a behavioral discipline
speech-language pathology assistant
support staff member in a rehabilitation or health facility

Many graduates of speech and hearing sciences gain entrance to graduate-level programs in speech-language pathology or audiology. In both fields, a graduate degree is required for employment.

The undergraduate degree in speech and hearing science is also excellent preparation for those who wish to enter professional or graduate programs in fields such as:

counseling
education
medicine
rehabilitation
social work
special education
teaching for the deaf

Graduates work with a variety of populations, including people on the autism spectrum, bilingual language learners, those with delayed or disordered speech and language or those experiencing hearing impairment or stuttering, patients recovering from strokes, or patients with degenerative or neurological disease. Graduates work with patients and clients across the life span, from infants to geriatrics, in a variety of settings.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/majorinfo/LASHSBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Sports Science and Performance Programming, BS (NHSPTSPPBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

Supporting individuals to achieve their maximal potential requires specialized knowledge and skills. The Bachelor of Science program in sports science and performance programming prepares students to work with participants in sports, occupational and tactical environments, taking them to new physical heights.

Students learn the complexities of athlete assessment and performance programming, which can be applied in sport science, sports medicine, strength and conditioning, or tactical performance.

Students understand how to enhance performance potential and recognize and respond to the stress the body undergoes during training, enabling them to plan successful exercise and recovery programs.

The National Strength and Conditioning Association has identified that advanced knowledge of human physiology, biomechanics, exercise prescription and assessment technologies is necessary for future success as a sports or tactical performance specialist.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHSPTSPPBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Apply coaching strategies to maximize efficiency and performance of individuals and reduce the risk of injury under high stress during performance training.
> Understand the scientific foundations that govern adaptation and movement optimization identified as foundational competencies for the Certified Strength and Conditioning Specialist examination and necessary to properly construct advanced performance programs.
> Create evidence-based sports performance programs designed to improve individual and/or team performance and reduce the risk of injury potential during their participation in their activities.

Global opportunities

Global experience: Students who study sports science and performance programming work to push the limits of peak sports performance. When participating in a Global Education program (https://goglobal.asu.edu/), they gain valuable skills in leadership, communication and critical thinking, which they can use to push the limits of their personal knowledge and experience as well. Study abroad experience enables students to stand out in a competitive field and leads to cultural enrichment and competency.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in sports science and performance programming.

Career opportunities

The BS program in sports science and performance programming has been designed with the competencies that enable graduates to be leaders in their future careers involving data science, rehabilitation or performance planning for teams or individuals. Degree coursework prepares graduates to sit for certification testing through the National Strength and Conditioning Association for certified strength and conditioning specialist or tactical strength and conditioning facilitator credentials. Graduates are also prepared to work in the sports performance field or pursue graduate study in sports science, athletic training or other exercise science-related disciplines.

Career options for graduates include opportunities in sports performance training in high school, collegiate, professional and private sector environments. In addition, graduates are prepared for careers in tactical performance

training with local, state and national government agencies, including work with police officers, firefighters and military personnel.

Potential career options include:

athletic trainer
fitness center director
gait analyst
performance center director
sports data technician
sports engineer
sports scientist
strength and conditioning coach
tactical performance coach

Some of these positions may require additional education.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 4th floor
https://chs.asu.edu/bachelors-degrees/majorinfo/NHSPTSPPBS/undergrad/false/91407
chs@asu.edu
602-496-3300

Sports Science and Performance Programming (Strength and Conditioning), BS (NHSSPPSCBS)

College/School: College of Health Solutions

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in sports science and performance programming with a concentration in strength and conditioning has been carefully developed to align with the new eligibility competencies necessary for graduates to sit for the exam to become a Certified Strength and Conditioning Specialist® with the National Strength and Conditioning Association. Beginning in 2030, only graduates from accredited strength and conditioning programs will be eligible to sit for certification, which is required for many careers in the sports performance industry.

Through this program, students:

• design workouts that push the body to its limits and help others hit new performance goals
• engage in hands-on practical experiences in performance assessment and programming using advanced technologies and evidence-based practices
• gain the skills needed to inspire and assist the next generation of athletes and help them continue their athletic journey on the coaching side
• learn how to prepare military and other frontline tactical professionals to perform at their peak when the stakes are higher than in any game

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra

or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHSSPPSCBS~null&college=CHL) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Sports science and performance programming students work to push the limits of peak sports performance. When participating in a Global Education program (https://goglobal.asu.edu/), they gain valuable skills in leadership, communication and critical thinking, which they can use to push the limits of their personal knowledge and experience as well. Study abroad experience enables students to stand out in a competitive field and leads to cultural enrichment and competency.

The College of Health Solutions recommends these programs (https://goglobal.asu.edu/students/major/chs) for students majoring in sports science and performance programming.

Career opportunities

Graduates are prepared to sit for certification testing through the National Strength and Conditioning Association for certified strength and conditioning specialist or tactical strength and conditioning facilitator credentials. They are also prepared to work in the sports performance field or to pursue graduate study in sports science, athletic training or other exercise science-related disciplines.

Career options for those who have completed this degree program include opportunities in sports performance training in high school, collegiate, professional and private sector markets. In addition, graduates are prepared for

careers in tactical performance training with local, state and national governmental agencies, including work with police officers, firefighters and military personnel. Graduates are also prepared to work in the emerging sports science field or to consult on athlete talent or potential.

Potential career options include:

athletic trainer
fitness center director
gait analyst
performance center director
scout
sports data technician
sports engineer
sports performance coach
sports scientist
tactical performance coach

Some positions require additional education.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

College of Health Solutions | HLTHN 401AA
https://chs.asu.edu/bachelors-degrees/sports-science-and-performance-programming-strength-and-conditioning
chs@asu.edu
602-496-3300

Honors - Barrett, The Honors College

Honors College, (9HOHONALL)

College/School: Barrett, The Honors College

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley, Online

Program description

Barrett, The Honors College creates a foundational educational experience that encourages learners of high potential to respond to the challenges of principled leadership through independent and collaborative scholarly and creative activities; community and civic engagement; and transformative study and research, travel and service opportunities.

At Barrett, curious, motivated students learn from one another in an inclusive, supportive environment that rewards exploration and encourages responsibility and care for self and others. Barrett provides meaningful academic and cocurricular opportunities to support the core values of the college, which emphasize:

• agency and leadership
• belonging and community
• courage and curiosity

Barrett students enjoy the extensive opportunities afforded to them through Arizona State University, a premier Research I university (https://www.asu.edu/about/rankings) while also being members of a nationally recognized top honors college (https://barretthonors.asu.edu/rankings). Barrett encourages students to dive deeper into their interests through faculty mentorship, access to distinct research and internship opportunities, specialized projects in classes, domestic and international travel programs, cocurricular opportunities, and student-led engagement activities.

While pursuing the same 120 college credit degree plan required for ASU students, Barrett students earn a portion of their undergraduate credits as honors credits. Students can earn honors credits in a variety of ways, including major-specific classes and honors special topics courses and honors internships, research and travel programs. All students in Barrett complete an undergraduate thesis project. The honors thesis is the culmination of Barrett students' honors experience and allows them to execute and present an intellectually rigorous project in their chosen field of study.

The residential and academic community of Barrett brings honors students together at each campus through shared community spaces, special events and student organizations right where they live. Barrett Online students are also included in community events and virtual engagement opportunities. Barrett students are supported by 48 full-time honors faculty, 70 full-time staff members, the dean and vice dean of the college and associate deans at Barrett Downtown Phoenix, Polytechnic and West Valley campuses.

With a focus on excellence beyond their college experience, Barrett students have the opportunity to take advantage of the Lorraine W. Frank Office of National Scholarships Advisement (https://onsa.asu.edu/), which serves all of ASU and is located in Barrett College Honors Hall on ASU's Tempe campus. There, Barrett faculty and staff mentor students as they apply for national and international fellowships. Each year, ASU students are selected for prestigious recognition, awards and programs, including the Rhodes Scholarship, Gates Cambridge Scholarship, Thomas R. Pickering Foreign Affairs Fellowship, Goldwater Scholarship, Boren Awards for International Study, and the Killam Fellowships Program. ASU students also have been recipients of the Benjamin A. Gilman International Scholarship and the National Science Foundation Graduate Research Fellowship Program, and they have received fellowship awards from the Fulbright U.S. Student Program, placing ASU among the nation's top producers of fellowship winners.

Second language requirement: No
STEM-OPT extension eligible: No

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students must complete an application to Arizona State University before submitting a separate application to Barrett, The Honors College (https://barretthonors.asu.edu).
Students who have demonstrated high levels of academic achievement in high school or college may apply for admission to Barrett. Each candidate must file an application to the college separate from the ASU application, in accordance with the appropriate Barrett deadlines.

Applicants are evaluated on the basis of their academic records and their ranking within the graduating class. For fall 2024, ACT and SAT scores are not required. The college also values students who have special talents and aptitudes, exhibit exceptional leadership qualities, have had unusual life experiences or display significant community involvement.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=9HOHONALL~null&college=CHO) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Barrett, The Honors College highly encourages its students to enhance their educational experience by traveling. With more than 300 programs in more than 65 countries (programs vary in length, from one week to one year) available to them, students are able to tailor their experience to their specific interests and skill sets. Students

earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students can find more information on the Global Barrett (https://students.barretthonors.asu.edu/enhance-your-experience/global-initiatives-overview) website.

Career opportunities

Participation in Barrett sets graduates apart when they apply for jobs; apply to graduate programs, including medical school and law school; or pursue any other next step after undergraduate graduation. Barrett graduates showcase an ability to go beyond the minimum requirements to earn a bachelor's degree, and a willingness to embrace intellectual curiosity and exploration. Students can explore the alumni page to see what Barrett graduates are doing now.

Contact information

Barrett, The Honors College | SGHAL 101
https://barretthonors.asu.edu/
BarrettAdvising@asu.edu
480-965-2354

Integrative Sciences and Arts, College of

Applied Biological Sciences, BS (TSABSABS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

In the Bachelor of Science program in applied biological sciences, students acquire a comprehensive foundation in biology and related sciences, along with the flexibility to specialize in areas of personal interest.

Students gain a deep understanding of core biological concepts, including energy and matter dynamics, genetic information exchange, and the structural and functional relationships that govern life processes. Additionally, the program addresses ethical considerations and policy challenges that arise when biological principles are applied to societal issues.

Students engage in a variety of experience-based learning opportunities to apply their knowledge, including:

• case studies
• faculty-guided research and service learning projects
• field trips
• hands-on laboratories and field experiences
• internships

Through these immersive activities, students acquire the theoretical knowledge and practical skills necessary for success in the biological sciences.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSABS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 programs available in more than 65 countries, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their educational experience to their specific interests and skill sets. Applied biological sciences students are able to expand their knowledge of how science impacts society in a variety of cultures, and they can acquire a global perspective, preparing them to lead in a future-focused career. Students earn ASU credit for completed courses while they stay on track for graduation, and they may apply financial aid and scholarships toward program costs.

Career opportunities

Graduates may pursue entry-level careers in wildlife and restoration ecology, urban horticulture and secondary education. Graduates are also prepared to succeed in graduate and professional schools in disciplines such as:

- biological research
- dentistry
- environmental biotechnology
- human health

- medicine
- physical therapy
- secondary education

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

Through the concentration in natural resource ecology within the Bachelor of Science program in applied biological sciences, students gain an in-depth understanding of sustainable resource management across diverse ecosystems. This program emphasizes the scientific principles underlying the stewardship of critical natural resources, including soil, water, flora and fauna.

Students acquire expertise in key field techniques and analytical tools --- such as quantitative ecology, geographic information systems and remote sensing --- to use as a framework to explore patterns of plant and animal distribution, diversity, physiology and conservation. These skills are further refined through the application of theoretical knowledge to case studies, laboratory work and applied projects.

Students in this program contextualize knowledge through experience-based learning activities, including:

• faculty-guided research and career-connected projects
• field trips and hands-on activities
• internships that provide professional experience
• laboratories and fieldwork integrated into the curriculum

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSNRBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The natural world is complex and diverse, providing different resources from one biome to the next. It's not only natural resources that are varied across the globe --- their uses vary as well. Students who participate in Global Education programs (https://goglobal.asu.edu/) gain a deeper understanding of global resources, how different cultures use the resources and how best to communicate sustainable use to a diverse audience.

Career opportunities

Through experiential learning opportunities, students develop the practical expertise necessary to pursue careers in environmental management, conservation and related fields, with a focus on maintaining ecological balance and promoting sustainability. Career opportunities include employment with public agencies and private consulting firms, as well as positions such as:

- environmental consultant
- environmental researcher and educator
- natural resource manager
- park manager
- watershed manager
- wildlife biologist or ecologist

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Applied Biological Sciences (Pre-Dental), BS (LSABSPDBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

The concentration in pre-dental medicine in the Bachelor of Science program in applied biological sciences prepares undergraduate students to successfully complete the admission requirements for the pursuit of an advanced degree in dental medicine.

The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics and mathematics while offering specialized courses related to dental medicine as well as opportunities for placement in internships in the field.

Students in this program contextualize knowledge through experience-based learning activities, including:

• case studies
• faculty-guided research and service-learning projects
• field trips
• laboratory activities

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-pre-dental/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSPDBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, pre-dental students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Career opportunities for graduates of this program may include entry into professional programs in dental medicine. In addition, graduates can pursue dental-focused careers outside of dental medicine.

The pre-dental program in applied biological sciences prepares graduates to succeed in graduate and professional schools in disciplines such as:

- biological research
- dental school
- environmental biotechnology
- human health
- medicine

- physical therapy
- secondary education

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in applied biological sciences with a concentration in preveterinary medicine prepares undergraduate students to pursue an advanced degree in veterinary medicine.

The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics, animal science and mathematics while offering specialized courses in veterinary medicine and opportunities for placement in internships in the field.

Students in this program contextualize knowledge through experience-based learning activities, including:

• case studies
• faculty-guided research and service learning projects
• field trips
• internships
• laboratory activities

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/pre-veterinary-medicine/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSPMBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, preveterinary medicine students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Career opportunities for graduates include entry into professional programs in veterinary medicine and animal health, such as:

- animal biology research
- domestic and wild animal care
- education
- small- and large-animal veterinary medicine
- wildlife veterinary medicine

This program can also lead to animal-focused careers outside veterinary medicine at state game and fish departments, zoos, animal shelters and animal nonprofit organizations.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Science program in applied biological sciences with a concentration in secondary education in biology is designed for students who want to teach biology at the middle school and high school levels.

In addition to the standard curriculum, students receive hands-on experience in laboratory instruction. The goal of the program is to prepare students to become teachers who excel in biology and related sciences.

Students in this program contextualize knowledge through experience-based learning activities, including:

• case studies
• faculty-guided research
• service-learning projects
• secondary education clinical experience

Students who enroll in this concentration should also contact the Mary Lou Fulton Teachers College for information on teacher preparation coursework.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSSBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Those who wish to pursue a future in education must understand how classrooms are shaped by students' diverse experiences, backgrounds and cultures. Global Education programs (https://goglobal.asu.edu/) offer students firsthand experiences in many cultures and communities, which can enhance a degree program. Students

earn ASU credit for completed courses while they stay on track for graduation, and they may apply financial aid and scholarships toward program costs. Programs can be found in a variety of countries around the world.

Career opportunities

Graduates of this concentration program are prepared to teach biology in high schools or pursue numerous entry-level careers in biology, and they can find employment opportunities in the private and public sectors. Graduates of the general program in applied biological sciences are also prepared to succeed in graduate or professional schools in disciplines such as:

- animal health
- dentistry
- medicine
- nonprofit education
- physical therapy
- teaching

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The sustainable horticulture concentration within the Bachelor of Science program in applied biological sciences is designed for students who want theoretical and practical experiences in distinct aspects of plant culture in an urban desert environment.

Students acquire the skills to produce, design and care for ornamental and edible plantscapes. Students interested in sustainable practices have the opportunity to specialize in vertical farming and other plant-related technologies. Students in this program contextualize knowledge through experience-based learning activities, including:

• case studies
• faculty-guided research and service-learning projects
• field trips
• greenhouse experiences
• internships

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSUBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students can explore habitats and ecosystems around the world in one of several Global Education programs (https://goglobal.asu.edu/). Opportunities include working with scientists and conducting independent research. Students can stay on track for graduation by earning ASU credit while they become immersed in other cultures. Studying abroad helps students to build professional skills that employers demand, such as collaboration and critical thinking.

Career opportunities

Horticulture is a multibillion-dollar national and international enterprise that offers a diverse and exciting choice of professional careers. Graduates can pursue numerous entry-level careers in horticulture. Employment opportunities exist in the private and public sectors. The general program in sustainable horticulture also prepares graduates to succeed in roles such as:

- arboretum or botanical garden manager
- city horticulturist
- horticultural consultant, plant researcher or educator
- horticulture supply sales representative
- integrated pest management specialist
- interior plant specialist or plant propagator
- landscape designer or contractor
- nursery plant broker or cultivator and plant salesperson
- organic urban farmer or permaculturist
- urban plant ecologist, forester, tree specialist or arborist

Career opportunities for urban horticulture graduates are not limited to any geographic location; graduates can embark on careers throughout the United States, Canada, Mexico and overseas.

Contact information

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https://cisa.asu.edu
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480-727-1526

Applied Mathematics, BS (LSMATBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Science program in applied mathematics is a transdisciplinary program designed to empower versatile problem-solvers with the mathematical expertise to tackle complex challenges across diverse scientific fields, including biology, physics and engineering.

This program offers a robust foundation in mathematical modeling, data analysis and the interpretation of mathematical results in authentic scenarios. Students are encouraged to personalize their education by choosing electives in the sciences and engineering, enhancing their mathematical knowledge with practical, hands-on experience.

With its comprehensive and flexible approach, the applied mathematics program equips students to seamlessly

integrate theory with practice, making them indispensable contributors in scientific and technological fields. Additionally, the growing presence of high-tech companies in the Phoenix area provides students with valuable opportunities to connect with industry leaders and launch their careers even before graduation.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSMATBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students gain valuable experience when they study abroad, enhancing their resumes. Students often cite participating in Global Education programs (https://goglobal.asu.edu/) as the highlight of their academic career and a crucial part of helping them gain a clearer view of the world, its peoples and the complex challenges facing

us all.

The Global Education Office offers a suite of faculty-directed global experience programs designed to connect students with modern issues that impact local communities yet transect borders. Through any of the more than 300 programs available, students can see the world as they never have before and come away with memories to last a lifetime. Graduates who have the heightened cultural competency, and leadership and critical thinking skills acquired through studying abroad may stand out in a competitive field.

The College of Integrative Sciences and Arts recommends these programs (https://goglobal.asu.edu/students/major/applied-mathematics) for students majoring in applied mathematics.

Career opportunities
Graduates are prepared to apply their analytical skills and technical knowledge to problems in a variety of careers in industry, government, education and nonprofit organizations. Some pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and applied mathematics such as mathematical biology).

Contact information
School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Applied Military and Veterans Studies, BA (LSAMVSBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description
The Bachelor of Arts program in applied military and veteran studies is an interdisciplinary program that provides students with a comprehensive understanding of the military's role in society, as well as the experience and culture of veterans. The curriculum covers various aspects of military studies, including the historical and societal impacts of conflict and the personal experiences of veterans in media, literature, employment and leadership.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Security (Irregular Warfare), MA

Global Security (Cybersecurity), MA

Global Security, MA

Public Administration, MPA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-military-veterans-studies) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAMVSBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The study of military and veterans studies transcends a city, state, province, country, and even a continent. Global education programs (https://goglobal.asu.edu/) help students dive deeper into their studies by providing the opportunity to experience many cultures firsthand and to explore places where history and military action have intermingled. Students are able to use these encounters to discover the interconnections of ideas and places at primary source sites.

Career opportunities

Graduates are ready for roles that support public policy development and political activism, roles in the military, and leadership roles in military- and veteran-serving organizations.

Graduates are well-prepared for employment in:

- federal agencies across the U.S. and worldwide, such as with the Department of Defense and the Bureau of Veterans Affairs
- the government sector in Arizona and other states
- healthcare-related organizations that serve veteran populations
- nonprofit organizations around the U.S. that are dedicated to supporting military-connected individuals and veterans

Contact information

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https://cisa.asu.edu/
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Applied Physics, BS (LSAPHYBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Science program in applied physics offers a dynamic pathway for students passionate about science to explore and apply the fundamental laws of nature to address current challenges. Students acquire the knowledge and skills necessary to excel in advanced technology, engineering or pioneering research.

Students engage deeply with the core principles of physics while mastering next-generation computer simulations and applied mathematics. Students in this program are equipped to solve complex problems across physics, materials science and engineering. The program's distinguished faculty --- experts in areas such as physical system modeling and materials science --- provide guidance and mentorship throughout students' academic journeys.

Beyond traditional coursework, the program emphasizes practical experience through hands-on projects and research opportunities, ensuring that students gain the skills that set them apart in the field. Additionally, with the expansion of high-tech companies in the Phoenix area, students have valuable opportunities to connect with industry leaders and advance career prospects even before graduation.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPHYBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: By studying abroad, students majoring in applied physics gain valuable hands-on experience tailored to their specific interests and skill sets, along with personal enrichment, heightened cultural competency, and leadership and critical thinking skills that will be an advantage in their careers.

With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to differences across the world, and increase their ability to work with diverse groups of people.

Career opportunities

Graduates apply their knowledge in high-performance and scientific computing, biophysics, condensed matter physics, chemistry, material science, electrodynamics and radar physics. This knowledge is vital for employment in chemical and pharmaceutical companies, environmental management agencies and firms that specialize in scientific software. Graduates are also prepared to continue their studies in graduate programs in physics and chemistry.

Contact information

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https://cisa.asu.edu
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480-727-1526

Applied Quantitative Science, BS (LSAQSBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

Students in the Bachelor of Science program in applied quantitative science learn to integrate and apply STEM-supported skills that are increasingly in demand for future-focused careers. Students develop six habits of mind, which are mental practices that become more ingrained as they advance through the curriculum and continue into their professional careers.

Students learn to:

• apply and project quantitative reasoning to unfamiliar contexts
• communicate well within and without the expert domain
• critically and adaptably think about complex problems
• effectively search through and evaluate information
• experiment creatively and in an informed manner in search of new insights
• use sophisticated insight involving statistical inference and quantitative reasoning

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAQSBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their specific interests and skill sets. Students in applied quantitative science are able to gain hands-on experience in a variety of countries around the world. Graduates who have the heightened cultural competency, and leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field.

Career opportunities

Employers are increasingly hiring people who know how to use quantitative information. Graduates of this degree program are equipped with the skills and knowledge sought by today's employers. People who work in any business or industry need to use quantitative skills to solve problems.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Applied Science (Animal Biology), BAS (LSANBIOBAS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Applied Science program with a concentration in animal biology provides a direct pathway from an Associate of Applied Science degree to a BAS degree for students who want to prepare for careers in management and scientific and medical fields relevant to animals.

Students learn the underlying principles of animal health --- grounded in knowledge of cells, biological systems and behavior --- to solve problems in animal health and care. The curriculum emphasizes a solid foundation in biology, animal science and mathematics while offering specialized courses and opportunities for placement in internships in the field.

Students have access to a variety of career resources and opportunities to explore professions and engage with established professionals in a variety of areas.

Second language requirement: No
STEM-OPT extension eligible: No

Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer admission requirements: Transfer students must complete BIO 181 General Biology I and BIO 182 General Biology II (or equivalent) and CHM 101 Introductory Chemistry or CHM 113 General Chemistry I (or equivalent).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Only students who have completed an AAS degree are eligible to declare BAS majors at ASU.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSANBIOBAS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 programs available in more than 65 countries, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their educational experience to their specific interests and skill sets. Students expand their knowledge of animal biology and how it impacts society in a variety of cultures, and they can acquire a global perspective that prepares them to lead in their career.

Students earn ASU credit for completed courses while they stay on track for graduation, and they can apply financial aid and scholarships toward program costs.

Career opportunities

Graduates have numerous entry-level career opportunities in animal health and nutrition, and they are also prepared to succeed in graduate or professional schools in disciplines such as:

- animal biology
- animal health
- biological research
- veterinary medicine

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
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480-727-1526

Applied Science (Applied Leadership), BAS (LSALSBAS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

In the Bachelor of Applied Science program with a concentration in applied leadership, students focus on the practice of innovative and effective management. They develop the skills and knowledge leaders need to solve problems, communicate effectively, resolve conflicts, assess program effectiveness and manage resources. The program serves as a valuable pathway for students with Associate of Applied Science degrees in fields such as environmental technology and machine shop technology.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree from a regionally accredited institution. For students with an AAS from an Arizona community college, the AGEC is recommended but not required. This program is not available to first-year students.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Only students who have earned an AAS degree are eligible to declare BAS majors at ASU.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-leadership-bas/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSALSBAS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students who are studying applied leadership can become influential and innovative leaders in the world. Through distinct study abroad experiences across the globe, students gain valuable leadership and communication skills. Whether in a foreign country, in the U.S. or online, by participating in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures. Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

Graduates have the skills and knowledge needed for leadership positions in a wide variety of organizations, including businesses, government offices and agencies, nonprofit agencies and the service industry. They are prepared to become effective leaders in diverse positions, such as team leader, manager and shift captain.

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Applied Science (Project Management), BAS (LSAPSPMBAS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

The Bachelor of Applied Science program in project management offers a skills-driven curriculum that prepares students to be excellent project managers.

Students acquire the skills they need to ensure the progress and successful completion of complex projects: project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Students also explore the skills and knowledge leaders employ when they organize diverse teams, evaluate ethical

situations, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources and use emerging technologies.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
This program is not available to first-year students.

Transfer admission requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. For students with an AAS from an Arizona community college, the AGEC is recommended but not required.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who wish to change their major to this program must have earned an AAS degree from a regionally accredited institution.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/project-management-transfer-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPSPMBAS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, project management students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates have the skills and knowledge needed for project management and leadership positions in a wide variety of organizations, including businesses, government agencies and offices, and nonprofit agencies, as well as in the service industry. Project managers can be housed within many specific industries, such as health care, information technology and construction management.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/project-management
CISA@asu.edu
480-965-4464

Applied Science (Technical Communication), BAS (LSTECBAS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Applied Science program with a concentration in technical communication is a flexible program designed specifically for students who have earned an Associate of Applied Science degree from a regionally accredited institution. In this program, students combine the technical experience they have gained in their associate degree program with a broader education in skills in management, leadership, critical thinking and communication.

Technical communication is applied workplace communication that makes technical information understandable and available to many audiences. In this concentration, students learn how to produce, design and manage information using traditional and developing technologies.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree from a regionally accredited institution. This program is not available to first-year students.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Only students who have earned an AAS degree are eligible to declare BAS majors at ASU.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBAS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Technology is connecting the world, and future technical communication professionals must be proficient in cross-cultural communication --- a skill well developed through study abroad. Through unique study abroad experiences across the globe, students gain valuable skills. Whether in a foreign country, in the U.S. or online by participating in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

The Bureau of Labor Statistics estimates that the need for writers will increase by 5% during the next 10 years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Graduates of the program are prepared for careers as:

- advertising and promotions managers
- communications professors
- copy writers
- correspondence clerks
- court clerks
- desktop publishers
- editors
- media and communication workers
- proofreaders and copy markers
- public relations specialists
- technical writers

Contact information
School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Communication, BA (LSCOMBA)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix, Polytechnic

Program description
The Bachelor of Arts program in communication in the College of Integrative Sciences and Arts explores how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Through the exploration, analysis and application of human communication, students gain the knowledge, creativity and skills they need to facilitate healthy relationships and workplaces, civil and sustainable communities, and constructive intercultural interactions. With an integrative and applied emphasis on culture and communication, community advocacy and communication technologies, the program allows for a concerted focus on the rapidly changing modalities of communication occurring today. Students learn to speak effectively, communicate across cultures and critically analyze public controversy.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCOMBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students may engage in a unique and exciting opportunity to gain intercultural experience through tailored, international programs of study. Study abroad can help students improve language and cross-cultural skills for effective communication. They can also develop critical teamwork and problem-solving skills and expand their knowledge of the liberal arts through lenses of different cultures.

Participation in one of the more than 300 Global Education (https://goglobal.asu.edu/) programs available, whether in a foreign country, in the U.S. or online, provides students personal enrichment and an opportunity to develop valuable skill sets that can give them an advantage in their career. Students build communication skills, are challenged to adapt and persevere, are exposed to differences across the world, and increase their ability to work with diverse groups of people.

Career opportunities

Communication graduates are prepared for many different career fields, including public relations, marketing, community organizing and human resources.

Graduates often attend other top-tier graduate schools, law schools and business schools, or find gainful employment as:

- community organizers
- labor relations specialists
- lawyers
- managers
- media content creators
- public officials
- social media managers
- training and development managers

Contact information

School of Applied Sciences and Arts | AZCNTR 383
https://cisa.asu.edu
CISA@asu.edu
480-965-4464

Counseling and Applied Psychological Science, BS (LSCAPSBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

Counseling and applied psychological science is a specialty in promoting psychological well-being. Counselors and applied psychologists provide the tools and resources necessary for individuals, families and organizations to cope with everyday problems.

The Bachelor of Science program in counseling and applied psychological science provides foundational training in counseling theories, addictions, trauma, lifespan development, group counseling and professional ethics. A distinct aspect of the program is its attention to cultural diversity, focusing on age, gender, race, ethnicity, sexual orientation, religion and socioeconomic status. As part of the program, students participate in a hands-on internship in which they shadow a licensed therapist and apply counseling theory.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-science/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: To make a positive impact in the lives of others, students must understand the diverse set of experiences, backgrounds and cultures that shape the people with whom they wish to work. When studying abroad, students gain firsthand experience of a wide variety of cultures and communities. Global Education programs (https://goglobal.asu.edu/) provide students with a distinct global perspective, enabling them to impact the world.

Career opportunities

Graduates with a degree in counseling and applied psychological sciences are prepared for careers in various settings:

- community centers
- government (sales and marketing, human resources management)
- mental health professions (youth counselor, substance abuse counselor, behavioral health technician)
- schools and colleges (school psychologist, educator, professor)
- social services (high school psychology teacher, occupational analyst)
- substance abuse treatment clinics

Graduates may qualify for employment in behavioral health care delivery settings such as community agencies, hospitals and rehabilitation centers to support counselors and other mental health professionals. They are prepared for a variety of positions, such as vocational rehabilitation assistant, human service worker and life skills instructor. The Bureau of Labor Statistics shows a projected job growth of 19% (2023 to 2033) for substance abuse, behavioral disorder and mental health counselors --- much faster than average.

Graduates of this program are not license eligible as professional counselors but are well prepared with an excellent foundation to enter graduate degree programs in disciplines such as counselor education, counseling psychology, clinical psychology, social work and family studies, counseling and related fields.

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Counseling and Applied Psychological Science (Counseling Military Members and Veterans), BS (LSCAPSMVBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

The Bachelor of Science program in counseling and applied psychological science focuses on the promotion of psychological well-being. Students learn basic counseling skills and techniques to complement a variety of social science and health majors, including psychology, public health, interdisciplinary studies, social work and the humanities.

The concentration in counseling military members and veterans provides students with foundational skills and knowledge that are critical in their work with veterans, military populations and military families. Students take interdisciplinary courses to better understand the U.S. military, focusing on the specific psychosocial experiences of service members and the mental health needs of this population.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-military-members-veterans/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSMVBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: To make a positive impact in the lives of others, students must understand the diverse sets of experiences, backgrounds and cultures that shape the people with whom they wish to work. When studying abroad, students have the opportunity to gain firsthand experience in a wide variety of cultures and communities. Global Education programs (https://goglobal.asu.edu/) provide students with a distinct global perspective, enabling them to impact the world.

Career opportunities

Graduates of this program benefit from the demand for employees from federal agencies. The Department of Veterans Affairs workforce consists of nearly 400,000 civilians. Across all government agencies, nearly 4,000,000 government jobs are posted per month, with well over 100,000 in Arizona alone. According to Lightcast, postings in Arizona are expected to increase by nearly 6% over the next five years, with employees earning an average salary of $84,000.

Although graduate education and licensure are needed to engage in clinical practice across all states, Psychology.org (2024) reported that those with a bachelor's degree in psychology (such as counseling and applied psychology science) are employed in a variety of occupations, including as human resource specialists, educators, social service providers and health and allied-health technicians --- all of which are projected to grow over the next decade and with a median salary of $50,000 (https://www.psychology.org/resources/jobs-with-a-bachelor-of-arts-in-psychology). These areas are reflected in the current Department of Defense job postings; there are more than 7,600 vacancies in areas such as education, military community and family support, health and wellness, and mental health and social services. The U.S. Bureau of Labor Statistics (2024) shows the outlook for job growth (2023--2033) for substance abuse, behavioral disorder and mental health counselors is 19%, which is much faster than average (https://www.bls.gov/ooh/community-and-social-service/substance-abuse-behavioral-disorder-and-mental-health-counselors.htm).

Graduates with a degree in counseling and applied psychological science are prepared for careers in various settings:

- community centers
- government (sales and marketing specialist, human resources manager)
- mental health services (youth counselor, substance abuse counselor, behavioral health technician)

- rehabilitation centers (vocational rehabilitation assistant, human service worker, life skills instructor)
- social services (high school psychology teacher, occupational analyst)
- schools and colleges (school psychologist, educator, professor)
- substance abuse treatment clinics

Graduates of this program are not license-eligible as professional counselors but are prepared with an excellent foundation to enter graduate degree programs in disciplines such as counselor education, counseling psychology, clinical psychology, social work and family studies, counseling and related fields.

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Counseling and Applied Psychological Science (Sport and Performance Counseling), BS (LSCAPSSPBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

Counseling and applied psychological science is a practical specialty that promotes psychological well-being.

The sport and performance counseling concentration of the Bachelor of Science program in counseling and applied psychological science provides foundational training in the psychology of performance and related counseling theories and skills that is geared toward professionals in a wide variety of fields.

Students are prepared to support licensed professionals in counseling and counseling psychology; they are also prepared for graduate study in counseling psychology, sport psychology, counselor education and other fields. Additional education is required for students who wish to become licensed professionals, teachers or professors.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-science-sports-performance-counseling) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSSPBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: To make a positive impact in the lives of others, students must understand the diverse sets of experiences, backgrounds and cultures that shape the people with whom they wish to work. Studying abroad offers students opportunities to gain firsthand experience in a wide variety of cultures and communities. Global Education programs (https://goglobal.asu.edu/) provide students with a unique global perspective that enables them to impact the world.

Career opportunities

Graduates are able to assist licensed mental health counselors and psychologists in providing services that focus on mental health and optimal performance.

Such employment is found in a variety of settings, including community centers, the corporate world, educational institutions, independent consulting, social service agencies, and sports. Opportunities are also available in behavioral health care delivery settings such as community agencies, hospitals and rehabilitation centers.

Career examples include:

- athletic coach
- behavioral health technician
- educator
- human services worker
- life skills instructor
- mental health professional
- mental performance coach or consultant for athletes, first responders and military personnel
- performance consultant for the arts, industry and services sectors
- trainer for human resources, sales and marketing, and career transition

youth counselor

According to the U.S. Bureau of Labor Statistics, mental health counselor is one of the fastest growing occupations, with 19% employment growth projected from 2023 to 2033.

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS (LSCAPSAABS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

Counseling and applied psychological science is a specialty promoting psychological well-being.

The substance abuse and addictions concentration of the Bachelor of Science program in counseling and applied psychological science provides coursework in counseling skills and techniques as they relate to substance abuse and addictions. Students acquire the necessary skills in screening, assessing, diagnosing and planning treatment of patients afflicted with substance abuse, addictions and related disorders.

Although this program does not make students license-eligible counselors, the coursework meets the requirements for the Licensed Addiction Counselor Technician credential through the Arizona Board of Behavioral Health Examiners (https://bbhe.az.gov/addiction-counseling (https://bbhe.az.gov/addiction-counseling)).

*Patrick, M. E., Miech, R. A., Johnston, L. D., & O'Malley, P. M. (2024). Monitoring the Future Panel Study annual report: National data on substance use among adults ages 19 to 65, 1976-2023. Ann Arbor, MI: Institute for Social Research, University of Michigan.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-sciences/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSAABS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: To make a positive impact in the lives of others, students must understand the diverse sets of experiences, backgrounds and cultures that shape the people with whom they wish to work. Through Global Education programs (https://goglobal.asu.edu/), students gain firsthand understanding of a wide variety of cultures and communities, and they acquire a distinct global perspective, enabling them to impact the world.

Career opportunities

According to the Bureau of Labor Statistics, employment of substance abuse and behavioral disorder counselors is estimated to increase by 19% between 2023 and 2033. A Licensed Addiction Counselor Technician is at the entry level of serving clients who struggle with substance use and addictions. The LACT assists substance abuse counselors in prevention and intervention efforts with individuals, groups and organizations. The LACT credential prepares students for careers in substance abuse treatment clinics, community centers, social services and education settings under the supervision of licensed mental health professionals.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu/

CISA@asu.edu
480-727-1526

English, BA (LSENGBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Arts program in English is focused on literature, writing, film and culture.

Courses address a wide variety of genres, traditions and time periods. Students engage in close reading and critical thinking as they work with powerful, multilayered texts. They build communication skills as they compose for multiple purposes and audiences. The program concludes with a degree capstone that allows students to use their skills and knowledge in a personalized academic or creative project.

Students are encouraged to pursue internship opportunities, such as mentoring youth writers in Young Authors' Studio.

Students must complete a minimum of 12 upper-division credit hours of ENG courses offered by the College of Integrative Sciences and Arts.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and= eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
OR any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Organizational Leadership, MS

Liberal Studies, MLSt

Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSENGBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students of English can explore the hometowns of famous authors and visit locations that have inspired masterpieces of fiction and nonfiction. Study abroad programs (https://goglobal.asu.edu/) offer students the chance to build a global perspective and knowledge in distinct environments as preparation for leadership in a future-focused career. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Integrative Sciences and Arts recommends these study abroad programs (https://goglobal.asu.edu/students/major/english) for students majoring in English.

Career opportunities

This program prepares scholars and teachers for graduate or professional study and for careers in education, writing and other related fields. Career prospects for secondary language arts teachers in Arizona are particularly strong.

Additionally, graduates have acquired skills that employers value, such as the ability to analyze ideas and problems, find and evaluate information, communicate effectively, and present clear and logical arguments. With these skills, graduates can find jobs such as:

- advertising and promotions manager
- copy writer
- editor
- lawyer (with further education)
- media and communication worker
- paralegal or legal assistant
- public relations specialist
- teacher or instructor
- technical writer
- writer or author

Contact information
School of Applied Sciences and Arts | SANCA 233
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480-727-1526

General Studies, BA (LSGNSBGS)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix, Polytechnic, Online

Program description
The Bachelor of Arts program in general studies offers students a flexible, innovative path to degree completion. Graduates of the program are informed and effective members of society who are well prepared for a changing global marketplace, with its diverse cultures.

The themes of this degree are professional preparedness, and integration of the needs of society and the individual. Students explore the tensions between individualism and collectivism, the public and private selves, service and community, domestic and global issues, and the interplay of culture and identity constructions.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information
When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/general-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSGNSBGS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, general studies students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates with a degree in general studies have the option of working in almost any field that requires effective interaction with others, including sales, social services, organizational management and government administration. Graduates are equipped with transferable skills that are highly desired by many employers. This bachelor's degree creates great flexibility in career choice because of the versatility within the program.

Graduates are prepared for many occupations, including:

- administrative services manager
- curator
- medical and health services
- military and veterans' services
- property, real estate and community association manager
- public relations specialist
- purchasing manager
- real estate sales agent
- sales manager
- writer and author

Contact information

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480-965-4464

History, BA (LSHISBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Arts program in history focuses on American history, with coursework in European, Latin American and global historical perspectives. Faculty expertise includes the history of technology and science, biography, war and its effect on society, public history, aviation, environmental history and related fields.

Students are trained in methods of historical research and study the development of human society from social, cultural and political perspectives. The capstone course and other research courses enable students to apply research and writing skills as practitioners of history and creators of analytical narratives.

Students in the program develop skills in:

• analyzing and assessing ideas and problems
• communicating effectively orally and in prose
• finding and evaluating information
• presenting clear and logical arguments

Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Students who would like to combine this degree with grades 6--12 teacher preparation should consider adding a secondary education certificate offered through the Mary Lou Fulton Teachers College.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Organizational Leadership, MS

Liberal Studies, MLSt

Project Management, MPM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHISBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: History transcends a city, state, province, country and even a continent. Studying abroad (https://goglobal.asu.edu/) helps students dive deeper into their studies by enabling them to experience firsthand the cultures and places where history has taken place. Students are able to use these encounters to discover the interconnections of ideas and places at primary source sites.

Career opportunities

Graduates are well prepared for careers in education, writing and other related fields. Career prospects for secondary history and social studies teachers in Arizona are particularly strong.

Graduates of the program may find jobs in these fields (some require further education):

Education

- college and university faculty
- middle school teacher
- secondary school teacher

Legal professions

- court reporter
- law clerk
- lawyer

paralegal or legal assistant

Media and communication

broadcast news analyst
historian
media and communication worker
news columnist
reporter or correspondent
writer

Public history

archivist
museum curator
museum technician or conservator

Graduates are also prepared for graduate and professional studies.

Contact information

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https://cisa.asu.edu
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480-727-1526

History (Veterans, Society and Service), BA (LSHISVSSBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

Students in the veterans, society and service concentration of the Bachelor of Arts program in history explore war, military service and veterans as a means to investigate how violence, conflict, military service and trauma-bearing experiences have shaped political, social and cultural formations in the past and present.

Along with military history, students take courses that place veterans as their subject for critical interdisciplinary investigation, which focuses on exploring scholarship and other narratives about military service, veteran journey, war-making and social change; the impact of armed conflict and military service on individuals, communities, culture, politics and governments; and how societies remember.

The curriculum situates the veteran and military subject from a historical perspective, while examining and explaining veteran identities and cultures as a sequence of sociocultural events influenced by a multitude of factors. In addition, a robust variety of elective coursework provides a systematic examination of veterans and military institutions as they evolve over time.

This program also provides students with critical thinking and analysis skills needed throughout their career. Students develop skills in:

• analyzing and assessing ideas and problems
• communicating effectively orally and in prose
• finding and evaluating information
• presenting clear and logical arguments

Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHISVSSBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: History transcends a city, state, province, country and even a continent. Studying abroad (https://goglobal.asu.edu/) helps students dive deeper into their studies by enabling them to experience firsthand the cultures and places where history has taken place. Students are able to use these encounters to discover the interconnections of ideas and places at primary source sites.

Career opportunities

Graduates are well prepared for careers in education, writing and other related fields. Prospects for careers as high school history and social studies teachers in Arizona are particularly strong.

With the skills gained in this program, graduates may find jobs in these fields (some require further education):

Education

- college and university faculty
- high school teacher
- middle school teacher

Legal professions

court reporter
law clerk
lawyer
paralegal or legal assistant

Media and communication

broadcast news analyst
historian
media and communication worker
news columnist
reporter or correspondent
writer

Public history

archivist
museum curator
museum technician or conservator

Public service

community advocate
manager in veterans affairs organization
manager in veterans services and support organization
nonprofit administrator

Graduates are also prepared for graduate and professional studies.

Contact information

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History of Science, Technology and Innovation, BA (LSHSIIBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

In the Bachelor of Arts program in the history of science, technology and innovation, students acquire a grounding in the social and intellectual issues central to understanding the role of science, technology and ideas from past to present.

This transdisciplinary degree program encourages students to combine coursework in the natural and applied sciences with historical and philosophical approaches to social knowledge.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHSIIBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, history of science, technology and innovation students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates with a degree in the history of science, technology and innovation have a foundation for advanced work in the humanities, the sciences, or transdisciplinary fields that bridge written and technical work.

Graduates are prepared for successful careers in a wide variety of fields, including science and technical writing, consulting, museum studies, the digital humanities, and other fields that benefit from transdisciplinary exchange. Graduates are also prepared to enter advanced programs in history and science, as well as law and medical schools.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Integrative Social Science, BS (LSISSBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

In the Bachelor of Science program in integrative social science, students in the disciplines of the social sciences are prepared to meet the complex issues that confront today's society. The social sciences encompass a wide variety of disciplines that focus on societies, institutions, behaviors and interactions. Some of the most important social sciences include economics (inquiry into the production, distribution, and consumption of goods and services), political science (inquiry into government, public management systems, public institutions and citizen engagement), and sociology (inquiry into society, social behavior, patterns of social relationships, social interaction and culture). Individually, these disciplines provide valuable insights into various aspects of human life and can help to address societal challenges and problems. However, when the disciplines are brought together in an integrative approach, the model provides an even more powerful lens through which to understand the world.

Examples of the integrative model include:

• sociologists and economists combining models to address issues of homelessness and poverty
• sociologists and political economists collaborating to understand how cultural practices impact economic development
• sociologists, political scientists and economist perspectives coming together to undertake community impact analysis

Benefits of integrative studies include:

• Enhanced collaboration: Integrative studies encourages teamwork and knowledge sharing.
• Expanded set of problem-solving tools: Instead of the narrow tools of one discipline, students have an expansive set of tools to apply to complex sociological issues.
• Holistic understanding: Combining perspectives provides a comprehensive view of complex issues.
• Innovative solutions: Integrative approaches foster creativity and innovation.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSISSBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students are able to enhance their understanding of societal structure and human interaction through unique cultural experiences found by studying abroad (https://goglobal.asu.edu/). They gain heightened cultural competency, communication and critical thinking skills while exploring a new and exciting part of the world.

Career opportunities

Because of their mastery of the multiple methodologies of the social sciences, graduates of the program have many more professional opportunities available to them than their peers with single-discipline training.

Professionals with expertise in analyzing complex social and global issues are in high demand across sectors and industries, including business, public administration, politics and community organizations. Those who possess skills in the analysis of social phenomena and complex social problems are valuable to businesses and institutions that rely on data-driven strategies for engagement and growth.

Career examples include:

- administrator
- government agent
- public relations specialist
- social and community service manager
- social science research analyst
- social scientist
- solutions resource specialist

Contact information

School of Applied Sciences and Arts | SANCA 233
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Interdisciplinary Studies, BA (LSBISBIS)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program description
The Bachelor of Arts program in interdisciplinary studies, one of the top ranked in the country, offers students the freedom to select two areas of study, referred to as concentration areas, from a rich menu of almost 200 options (https://cisa.asu.edu/ids/concentrations/all).

The core curriculum provides students with the intellectual tools to integrate their concentration areas, engage in transdisciplinary problem-solving, and prepare for careers and graduate programs that increasingly cross disciplinary boundaries. An interdisciplinary studies student could choose to integrate concentrations such as business and project management, psychology and social welfare, communication and justice studies, public administration and ethics, digital culture and computer gaming, or many other distinct combinations.

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary studies students take an active role in designing their educational plans and defining their career goals. The degree program emphasizes written communication, versatility, self-assessment and critical thinking --- essential skills for today's dynamic world.

Students who are interested in the online program for interdisciplinary studies should visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Organizational Leadership, MS

Liberal Studies, MLSt

Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

There are no additional requirements for current ASU students to change their major to interdisciplinary studies; however, students interested in this major are highly encouraged to meet with an advisor.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSBISBIS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying and interning abroad can be one of the most valuable tools for interdisciplinary studies students. Study abroad programs (https://goglobal.asu.edu/) enable students to develop a valuable intercultural communication skill set that can give them an advantage in a future-focused workforce.

The College of Integrative Sciences and Arts recommends these study abroad programs (https://goglobal.asu.edu/students/major/interdisciplinary-studies) for students majoring in interdisciplinary studies.

Career opportunities

The flexibility of the interdisciplinary studies program enables graduates to take many exciting career paths after they leave ASU. While some complete graduate or professional degrees, others immediately enter the job market. For example, one graduate combined business and communication and now owns a small business; another integrated sociology and family studies to further a career in law enforcement; another studied philosophy and economics to prepare for law school; another combined biology and chemistry in preparation to pursue a master of pharmacy degree; and yet another studied Spanish and religious studies and now works as an employee trainer for a major company.

Possible career opportunities include:

- archivist or curator
- climate change analyst
- compliance manager
- computer network support specialist
- editor or web developer
- environmental restoration planner
- general and operations manager
- regulatory affairs manager
- higher education professional
- wholesale and retail buyer (except farm products)

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)

College/School: College of Integrative Sciences and Arts

Campus: Online

Program description

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary students develop the intellectual tools needed to make connections between academic disciplines and apply their skills, ideas and knowledge in various academic and practical settings.

The Bachelor of Arts program in interdisciplinary studies with a concentration in organizational studies is intended for students who desire to learn about the dynamics of contemporary organizations from an interdisciplinary approach.

All coursework for organizational studies is offered online, which gives students freedom and flexibility in completing their requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics

or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Organizational Leadership, MS

Liberal Studies, MLSt

Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies-organizational-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=LSORGBIS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying and interning abroad can be one of the most valuable options available for interdisciplinary studies students. Global Education programs (https://goglobal.asu.edu/) provide students in the organizational studies concentration with the opportunity to develop a valuable intercultural communication skill set that can give them an advantage in a future-focused workforce.

The College of Integrative Sciences and Arts recommends these programs (https://goglobal.asu.edu/students/major/interdisciplinary-studies) for students majoring in interdisciplinary studies.

Career opportunities

Graduates have a breadth of knowledge and experience and have gained the skills needed to integrate various domains of knowledge. They are prepared for a variety of professional positions, including:

human resources specialist
industrial organizational psychologist
investment fund manager
loss prevention manager
management analyst
regulatory affairs manager
supply chain manager
urban and regional planner

Many graduates of this program already have a chosen career field and desire a degree that is versatile, flexible, meaningful and useful for continued career development and advancement. Because of the flexibility of the program, graduates take many different career paths. Recent graduates have found opportunities in many exciting fields, such as:

business
education
health care administration
nonprofit administration
tourism

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Liberal Studies, BA (LABLSBLS)

College/School: College of Integrative Sciences and Arts

Campus: Downtown Phoenix, Polytechnic, Online

Program description

For students whose interests are too big for any one major, or degree-completion students looking for the best way to finish a bachelor's degree with earned credits, the Bachelor of Arts program in liberal studies opens up the academic

world for exploration.

The liberal studies major offers a course of study that emphasizes the humanities and social sciences and gives students great flexibility in constructing their own educational path. Courses engage students in diverse ideas and perspectives, and students develop habits of mind beneficial in all areas of life. A liberal studies degree prepares students to meet the challenges of a complex world. It offers a path that enables students to prepare for a career or to change careers, to increase self-understanding, and to develop thoughtful engagement with other people and diverse cultures.

Liberal studies are the oldest form of higher education in the Western tradition, with roots going back to ancient Greece. It was realized early on that democracy depends on a population of educated people who can make and follow arguments, who can communicate clearly in a public forum, and who can learn about the important subjects that affect people's lives.

A liberal education differs from being politically liberal in the modern sense; throughout history, people from all political perspectives have made significant contributions to and drawn from the knowledge and skills that define a liberal education.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
OR any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Data Science), MGM

Global Management (Global Affairs), MGM

Organizational Leadership, MS

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Liberal Studies, MLSt

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Project Management, MPM

Global Management (Global Legal Studies), MGM

Global Management - Executive (Space Leadership, Business and Policy), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer admission requirements: The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's AA degree along with the lower-division requirements for the ASU major.

Students completing their ASU BA degree at Yuma: Once the MyPath2ASU® pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit Admission Services (https://admission.asu.edu/apply/transfer) for more information about ASU degrees offered at local community colleges.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-liberal-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABLSBLS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, liberal studies students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The College of Integrative Sciences and Arts recommends these programs (https://goglobal.asu.edu/students/major/liberal-studies) for students majoring in liberal studies.

Career opportunities

Liberal studies graduates are prepared to enter the workforce or pursue graduate or professional studies. Graduates are prepared for a variety of careers and positions, including:

- creative writer
- grant writer
- higher education professional
- public relations personnel
- research analyst
- training specialist

Some career options may require additional training or schooling.

Contact information

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https://cisa.asu.edu
cisa@asu.edu
480-727-1526

Military Studies, AA (LSMILSTAA)

College/School: College of Integrative Sciences and Arts

Campus: Online

Program description

The Associate of Arts in military studies is designed as a partnership with the U.S. Naval Community College to provide training to enlisted personnel sailors, marines and coast guards. The degree is a rigorous program that provides a comprehensive foundation of study in the history of war and warfare, the history of regions identified in the National Defense Strategy, the U.S. foreign policymaking process, international relations theories, and U.S. political and military systems. Through the interdisciplinary curriculum, students gain the tools to use historical analysis, demonstrate critical thinking, and develop strong written and verbal communication skills. The program includes capstone research or an applied project in which students explore the role of the U.S. Navy in advancing the goals of the nation in the past, present or future.

Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 114 - College Mathematics
Math intensity: General

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students must be accepted to the U.S. Naval Community College to be admitted to this program.

Tuition information
When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements
Students must be accepted to the U.S. Naval Community College to be admitted to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Career opportunities
Graduates of this program are prepared to further advance in careers in military service or in undergraduate study to complete a bachelor's degree.

Contact information
School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
cisa@asu.edu
480-727-1526

Organizational Leadership, BA (LSORGLBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description
In the Bachelor of Arts program in organizational leadership, students develop the skills and knowledge that organizational leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in organizations.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Organizational Leadership, MS

Liberal Studies, MLSt

Public Administration, MPA

Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer admission requirements: The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's AA degree along with the lower-division requirements for the ASU major.

Students should visit Admission Services (https://admission.asu.edu/apply/transfer) for more information about ASU degrees offered at local community colleges.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-organizational-leadership/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students who study organizational leadership can become influential and innovative leaders all over the world. Through unique study abroad experiences across the globe, students gain valuable leadership and communication skills. Whether in a foreign country, in the U.S. or online, by participating in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

Graduates have the skills and knowledge necessary for a wide variety of leadership positions in business, government, healthcare administration, nonprofit agencies and the service industry. They may pursue positions such as account manager, community relations manager, director of employee services, director of training, diversity specialist, knowledge manager, organization development consultant, service manager, supervisor and talent manager.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/organizational-leadership
CISA@asu.edu
480-965-4464

Organizational Leadership, AA (LSORGLAA)

College/School: College of Integrative Sciences and Arts

Campus: Online

Program description

This Associate of Arts program provides leadership training to active duty Navy, Marine Corps and Coast Guard enlisted personnel. This program uses transdisciplinary methods to prepare students to build a leadership foundation. Students learn skills applicable to any work environment, regardless of assigned role, in organizations across all sectors: private, nonprofit, government and military. Students develop the skills leaders need to solve problems, communicate effectively, assess programs, manage resources and evaluate emerging technologies.

Students who complete the program can continue in an established transfer path to the Bachelor of Arts program in organizational leadership and other ASU degree programs. The flexible AA degree allows students to complete general education coursework and concentrated coursework in a second disciplinary field to prepare for leadership in a specific industry or sector.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students must be accepted to the U.S. Naval Community College to be admitted to this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Career opportunities

Graduates may pursue a variety of careers, such as:

- account manager
- deputy sheriff trainee
- executive assistant
- facilities manager
- knowledge manager
- organization development consultant
- sales executive
- sales manager
- service manager
- supervisor

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/
CISA@asu.edu
480-965-4464

Organizational Leadership (Project Management), BA (LSORGLPMBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

The Bachelor of Arts program in organizational leadership with a concentration in project management offers a theoretical and skills-driven curriculum designed to prepare students to excel as project managers and leaders in the field.

In organizational leadership courses, students explore leadership theory and practice, gaining the skills and knowledge necessary to lead diverse teams, innovate, solve problems, communicate effectively, evaluate leadership and organizational effectiveness, manage resources and use emerging technologies within organizations. Additionally, students develop essential skills for managing complex projects, including project leadership, quality management, risk management, schedule management, cost management and resource management.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Organizational Leadership, MS

Liberal Studies, MLSt

Public Administration, MPA

Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/organizational-leadership-project-management-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLPMBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Organizational leadership students can become influential and innovative leaders in the world. Through unique study abroad experiences across the globe, students gain valuable leadership and communication skills. Whether in a foreign country, in the U.S. or online, by participating in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

Graduates are equipped for a variety of roles in the public and private sectors, including government, information technology, nonprofit agencies, various businesses and the service industry. They are prepared for positions such as technical project manager, project manager skilled in Agile methodology and others, senior project manager, portfolio manager, and director of project management. Additionally, graduates may pursue advanced credentials such as the Project Management Professional certification, or further their education through graduate programs.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.Graduates of this program have the educational knowledge and content hours to sit for the Project Management Institute's Certified Associate Project Manager exam.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/organizational-leadership
CISA@asu.edu
480-965-4464

Organizational Leadership (Veterans, Society and Service), BA (LSORGLVSBA)

College/School: College of Integrative Sciences and Arts

Campus: Tempe

Program description

The Bachelor of Arts program in organizational leadership with a concentration in veterans, society and service is designed for those who aspire to make a profound impact on organizations and the veteran community. This program combines a robust leadership curriculum with specialized training to equip students with the expertise needed to lead diverse teams and drive innovation. Students master key competencies such as problem-solving, effective communication, resource management and the strategic use of emerging technologies.

Beyond traditional leadership skills, this program emphasizes the distinct needs of veterans and military personnel. Students gain hands-on experience in engaging with these communities through sensitive counseling, facilitating impactful group discussions and providing tailored support. By blending theory with practical skills, the curriculum ensures that graduates of this program are not only visionary leaders but also compassionate advocates for those who have served. This concentration prepares students to lead with purpose and make a difference where it matters most.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra Any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLVSBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The organizational leadership program uses transdisciplinary methods that prepare students to become world-class leaders in the contemporary and fast-paced global workplace. Through study abroad experiences (https://goglobal.asu.edu/), students develop the skills and knowledge that leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in their organizations.

Career opportunities

Graduates have acquired the skills and knowledge required for leadership roles and veteran service positions across various organizations and settings, including business, government, nonprofit agencies and the service industry.

Career opportunities include leadership positions at the national, state and municipal levels, and managerial roles in disaster preparedness and recovery.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/
CISA@asu.edu
480-965-4464

Political Science, BS (LSPOLBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Science program in political science emphasizes broad capabilities valued in a highly skilled workforce, such as data analysis and effective communication as they apply to governance, policy and political theory, as well as the ability to critically review and analyze policy.

The curriculum enables students to explore how political science concepts can be applied within government and society. Students also enjoy individual and group opportunities to work with experienced faculty on concrete intellectual and policy issues.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPOLBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad while earning a political science degree adds a global component to students' education, increasing their ability to analyze complex sociopolitical issues and affording them skills and knowledge that prepare them to lead in their chosen career.

Students earn ASU credit for completed courses while they stay on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

The program serves as good preparation for staff, manager or policy analyst positions in local, state and federal government. This degree is recognized by employers as qualification for many careers in business (for-profit and nonprofit) and industry. Opportunities may include positions that involve binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or as a basis for further study in such applied fields as:

- community development
- political science
- public administration
- public policy
- social science
- urban affairs
- urban and regional planning

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Project Management, BS (LSPMGBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Tempe, Online

Program description

The curriculum of the Bachelor of Science program in project management is grounded in the latest project management theories and practices. The program provides opportunities for students to apply these practices in professional situations through simulations and other forms of career-connected learning. Students learn the foundations of project leadership and how to manage project costs, schedules, resources and risks.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/project-management-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPMGBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying and interning abroad can be one of the most valuable tools for project management students. Global education programs (https://goglobal.asu.edu/) enable students to develop a valuable intercultural communication skill set and project management aptitude that can give them an advantage in the workforce.

Career opportunities

Graduates have the skills and knowledge needed for project management positions in a wide variety of organizations and settings, including business, government, nonprofit agencies and the service industry. Project managers can thrive in many industries, such as health care, information technology and construction management.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.The Project Management Institute has two options for certification:
• The Certified Associate Project Manager credential requires 23 hours of project management education and a secondary degree (high school diploma, associate degree or the global equivalent) for students to test.
• The Project Management Professional credential requires either a four-year degree and 36 months of experience leading projects within the last eight years, or a secondary education diploma (high school diploma, associate degree or the global equivalent) with 60 months of experience leading projects within the past eight years. In addition, students must have 35 hours of project management training to sit for the PMP designation test.

Contact information

School of Applied Professional Studies | EDB 308
https://cisa.asu.edu/
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480-965-4464

Psychology, BS (LSPGSBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

Psychology is the scientific study of mind and behavior.

The Bachelor of Science program in psychology emphasizes critical thinking, reasoning, quantitative research and scientific writing.

Students have the opportunity to participate in faculty-led research labs on a wide variety of topics (https://cisa.asu.edu/sccp/research-labs-and-projects). Some labs include:

• PLENA Research Lab
• Couples Coping with Stress Lab https://ashleykrandall.wixsite.com/asucouplescoping (https://ashleykrandall.wixsite.com/asucouplescoping)
• Race and Relationships (R&R) Lab https://www.raceandrelationshipslab.com (https://www.raceandrelationshipslab.com/)

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPGSBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop a broad understanding of psychological principles to explain mental processes and behavior.
Apply statistical tools to test hypotheses and draw valid conclusions.
Integrate biopsychological principles when conceptualizing human behavior and emotions.

Global opportunities

Global experience: Study abroad students are exposed to distinct differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Participating in one of the more than 300 Global Education programs (https://goglobal.asu.edu/) provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and provide personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and improve their ability to work with diverse groups of people.

Career opportunities

According to the Bureau of Labor Statistics, the job growth outlook (2023 to 2033) for psychologists is 7%, which is much faster than average.

A degree in psychology prepares students for a career in various settings:

consulting firms
government (sales and marketing, human resources, research, administration, management)
hospitals
industries and organizations
mental health agencies
social services (high school psychology teacher, occupational analyst)

The program also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

clinical and counseling
cognitive neuroscience
developmental
environmental
experimental
quantitative
physiological
social

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Psychology, BA (LSPGSBA)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

Psychology is the scientific study of mind and behavior.

The Bachelor of Arts program in psychology emphasizes critical thinking, empirical research methods and writing, and adds practical experience through internships, service learning and faculty-supervised research. The BA program provides a broad foundation in psychology and affords students the flexibility to choose from a variety of courses outside the major.

Students have the opportunity to participate in faculty-led research labs on a wide variety of topics (https://cisa.asu.edu/sccp/research-labs-and-projects), including:

• PLENA Research Lab
• Couples Coping with Stress Lab https://ashleykrandall.wixsite.com/asucouplescoping (https://ashleykrandall.wixsite.com/asucouplescoping)
• Race and Relationships (R&R) Lab https://www.raceandrelationshipslab.com/ (https://www.raceandrelationshipslab.com/)

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPGSBA~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Develop a broad understanding of psychological principles to explain mental processes and behavior.
Apply psychological theories and evidence-based interventions to address psychological disorders in mock counseling skill sessions and a final report.
Develop a culturally competent approach to address a ethical dilemma in a course project.

Global opportunities

Global experience: Study abroad students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Participating in one of the more than 300 Global Education programs (https://goglobal.asu.edu/) provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and provide personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and increase their ability to work with diverse groups of people.

The College of Integrative Sciences and Arts recommends these programs (https://goglobal.asu.edu/psychology) for students majoring in psychology.

Career opportunities

According to the Bureau of Labor Statistics, employment of psychologists is projected to grow 7% from 2023 to 2033, which is faster than average.

Graduates with a degree in psychology are prepared for a career in a variety of settings:

consulting firms
government (sales and marketing, human resources, research, administration, management)
hospitals
industries and organizations
mental health agencies
social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

clinical and counseling
cognitive neuroscience
developmental
environmental
health
physiological
social

Contact information

School of Counseling and Counseling Psychology | SANCA 233
https://cisa.asu.edu
CISA@asu.edu
480-727-1526

Science, Technology and Society, BS (ECSTSBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic

Program description

The Bachelor of Science program in science, technology and society considers the impacts of science and technology on social, cultural and global issues. Information and communication technologies have changed the world in ways unimaginable 50 years ago. Everything, from the way humans are born to how they die, is driven by rapidly changing technologies. As these changes occur, it is important for organization managers and policymakers to understand the social, cultural, environmental and global implications of their actions and create responses and solutions that are

forward-thinking.

The questions concerning how science and technology change society are highly transdisciplinary and cultural. Students learn to understand the intricate interrelationships of science, technology and society, becoming prepared with technical skills and knowledge to promote change. This highly flexible program encourages students to focus on social problems with current and engaging topics such as:

• health and economic disparities
• housing and food insecurities
• identity politics
• social change
• social and political unrest
• technological divide

Problems of the world are complex and multidisciplinary, and efforts to solve them require a multifaceted approach. Addressing modern social problems often requires a combination of policies, sociological interventions and economic infrastructure planning. Theories from social science disciplines provide the basis for effective decision-making and problem-solving. Graduates are prepared with theory and research skill sets that enable them to draw from the most relevant of the multiple disciplines in the social sciences as they confront a technically sophisticated world.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
OR any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECSTSBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, science, technology and society students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared for graduate or professional study or careers in the public, nonprofit and government spheres in roles as:

- academics
- e-commerce analysts
- entrepreneurs
- political scientists
- public relations specialists
- science and technology directors
- social media coordinators

Contact information

School of Applied Sciences and Arts | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Technical Communication, BS (LSTECBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

Technical communication is applied workplace communication that makes technical or specialized information understandable and available to many different users. It involves using a variety of technologies to craft an ever-expanding array of print and digital information products: websites, social media sites, help files, training materials,

grants and proposals, and data visualizations, to name just a few.

Technical communicators work in many professional roles, such as information developer, grant writer, web interface designer or user experience specialist. What all of these roles have in common is the focus on creating accessible and appealing communication that has a practical purpose and is intended for a particular audience.

Students in the technical communication program learn how to analyze, write, design, produce and manage print and digital information using traditional and developing technologies.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technical-communication/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design clear, ethical and persuasive communication products for diverse audiences.
Develop recommendations to improve the design and impact of technical content using user experience research methods.
Evaluate emerging technologies to determine appropriate methods for delivering content for different audiences and purposes.

Global opportunities

Global experience: Students who learn technical communication while studying abroad have an advantage in many workplaces. Having a global view of applied workplace communication, they become well-rounded communicators, able to use various print and digital information products to relate technical and specialized information. Through participation in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

The Bureau of Labor Statistics estimates that job growth in technical writing will grow higher than average during the next 10 years, at a rate of 7%. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Students in the program prepare for careers such as:

communication manager
content strategist
data visualization specialist
engineering support specialist
information architect
new media or social media specialist
public relations specialist
technical writer
user experience specialist
web content creator

Contact information

School of Applied Professional Studies | SANCA 233
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CISA@asu.edu
480-727-1526

Technical Communication (Data Visualization), BS (LSTECDVBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description
The data visualization concentration in the Bachelor of Science program in technical communication prepares students for the innovative work of collecting, processing and visualizing data in clear, accurate and dynamic ways to a variety of audiences.

Students learn how to structure, model, clean and correlate data. They learn myriad types of data visualizations and how to develop and refine visualizations using a variety of software, read and develop analytics dashboards, and communicate data-driven recommendations and findings. Students gain experience visualizing proportions, patterns over time, complex relationships and spatial data through graphics. They also learn about data visualization ethics, including how to spot misleading graphs and how to ensure the production of responsible and accurate visualizations.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information
When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements
A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-data-visualization-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECDVBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad while learning about data visualization in the world of technical communication gives students an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to use various print and digital information products to relate technical and specialized information. When they participate in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

The field of data visualization continues to grow at a rapid pace. According to MarketWatch, the global data visualization industry was valued at $8.8 billion in 2019 and is expected to reach $19.2 billion by 2027; 43% of the market share is held in North America. Graduates of the program prepare for careers such as:

- big data engineer
- communication manager
- computer and information systems manager
- data specialist or analyst
- data visualization developer
- digital designer
- information architect
- market research analyst

Graduates are prepared for high-demand data visualization and data scientist roles across all industries and workplace environments.

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu/tech-comm
CISA@asu.edu
480-727-1526

Technical Communication (Medical and Health), BS (LSTECMHBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

Communication skills are essential in the health professions due to the complex information, diverse audiences and regulatory guidelines shaping health and medical communication. Medical and health writers partner with doctors, scientists, engineers, end users and government agencies to produce information products including websites, social media content, mobile applications and educational materials.

The Bachelor of Science program in technical communication with a concentration in medical and health delivers advanced writing and communication strategies for the multifaceted information environments of health-related professions. This program equips students with various applied skill sets, including drafting, adapting and reviewing messages for various audiences and formats; managing multiple projects that require analysis, negotiation, persuasion and collaboration skills; and gathering and using feedback from end users to develop products.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-medical-health/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECMHBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students studying technical communication can become strategic communication specialists in the world. Through unique study abroad experiences across the globe, students gain valuable leadership, communication and design skills. Whether in a foreign country, in the U.S. or online, by participating in one of the over 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

People trained in medical and health writing fill varied positions such as editor, project manager, media specialist, coordinator, administrator, manager and educator. Graduates of this concentration can enter employment in hospitals, hospice, government, pharmaceuticals, insurance, nonprofit and academic institutions throughout the state, country and world.

The Bureau of Labor Statistics estimates that job growth in technical writing and related areas will continue to be significantly higher than average during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Graduates are prepared for careers such as:

- communication manager
- content strategist
- information architect
- public relations specialist
- technical writer
- user experience specialist
- web content creator

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu
cisa@asu.edu
480-727-1526

Technical Communication (Social Media Management), BS (LSTECSMMBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

Technical communication entails communicating with, about and on technology. Social media is a rapidly developing aspect of the technology landscape. This social media management concentration in the Bachelor of Science program in technical communication focuses on the management, history, theory, culture, practice and ethics of social media.

While the technical communication major gives students a wide look at how professional technical communicators do many types of work inside and outside organizations, this concentration homes in on social media creation as a specific type of technical communication work. Students learn the practical aspects of social media creation alongside the history, legal concepts, ethical ideas and current concerns that shape and inform that practice. Students also learn about existing and emerging social media in ways that enable them to adapt and thrive in the constantly changing social media environment.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-social-media-management/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=LSTECSMMBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Those who study abroad while learning technical communication have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to use various print and digital information products to relate technical and specialized information. Through participation in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

The Bureau of Labor Statistics estimates that job growth in technical communication and related areas will continue to be significantly higher than average during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for technical communicators.

Graduates of the program are prepared for careers such as:

- communication manager
- content strategist
- data visualization specialist
- public relations specialist
- social media manager
- social media specialist
- technical writer
- user experience specialist
- web content creator

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu/tech-comm
CISA@asu.edu
480-727-1526

Technical Communication (User Experience), BS (LSTECUBS)

College/School: College of Integrative Sciences and Arts

Campus: Polytechnic, Online

Program description

The user experience concentration of the Bachelor of Science program in technical communication provides technical communication majors with an interdisciplinary foundation in communication, research and design that is central to the rapidly growing area of user experience.

The program provides students with a conceptual understanding of and applied skills in methods of gathering user information, analyzing data and communicating research findings to stakeholders. Although its disciplinary home and

primary focus is technical communication, the concentration includes courses from human systems engineering and graphic information technology to provide students with the multiple perspectives and complementary skills needed for user experience work.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

User Experience, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-user-experience-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECUBS~null&college=CLS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students who have studied abroad while learning technical communication have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to use various print and digital information products to relate technical and specialized information. Students also gain an understanding of who users may be and of cultural differences that may affect user needs. Through participation in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major for their experiences studying abroad.

Career opportunities

Technical communicators with expertise in user experience have numerous career opportunities in growth areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

Contact information

School of Applied Professional Studies | SANCA 233
https://cisa.asu.edu/tech-comm
CISA@asu.edu
480-727-1526

User Experience, BS (LSUSEXBS)

College/School: College of Integrative Sciences and Arts
Ira A. Fulton Schools of Engineering

Campus: Polytechnic, Online

Program description

The Bachelor of Science program in user experience addresses a user's interaction with a company or organization, including its products and services. The UX elements of psychology, research, design and communication determine user needs and wants when they are using a product. Research drives design, design drives content, and content drives communication. All result in a user experience.

Students in this program learn the UX research, design, content development, communication and tone of voice elements and skills needed to successfully evaluate all components and products with which end users interact. Topics covered include hardware and software user interfaces, informational products, help systems, user support, identification of user needs, tasks, procedures, capabilities and limitations of using technology, and interacting with print, digital and aural information.

STEM-OPT for International Students on F-1 Visas

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work

authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 117 - College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

User Experience, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/user-experience-ux/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSUSEXBS~null) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Those who study abroad while learning user experience have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to use various print and digital information products to relate technical and specialized information. Through participation in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

Many of the School of Applied Professional Studies programs (https://cisa.asu.edu/study-abroad) allow students to earn credit toward their major during their experiences studying abroad.

Career opportunities

User experience professionals have a variety of career opportunities across many industries. Common career paths include UX designer, UX researcher, interaction designer, visual designer, usability analyst, content strategist, UX writer, UX engineer, product designer, service designer, UX manager, chief experience officer, freelance UX consultant and accessibility specialist. These roles span industries such as tech, health care, finance, retail and education, reflecting the expanding importance of UX across sectors.

Contact information

School of Applied Professional Studies and Polytechnic School | SANCA 233
https://cisa.asu.edu/
CISA@asu.edu
480-727-1526

Interdisciplinary Arts and Sciences, New College of

Aging, BS (ASALDBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The world's population is rapidly aging, and older adults now compose the largest-ever demographic segment. Although longer life spans are an enormous gain for human welfare, this rapid shift presents tremendous challenges, including health care costs, labor-force shortages and long-term care demands.

The Bachelor of Science program in aging offers students the opportunity to develop skills in identifying challenges and developing solutions that are critical to managing these profound demographic trends. Completing courses such as Communication and Aging, Aging and the Life Course, and Supporting the Health of Older Adults gives students the skills and mindset to contribute solutions as the proportion of retired adults increases faster than the number of people in the workforce. Completion of the degree includes a culminating experience, such as a capstone project or internship experience for learning opportunities beyond the classroom.

This program prepares students to be leaders in this burgeoning field. Students learn to develop solutions in areas of personal finance, transportation, increased demands for health care, assisted-living options and recreational needs for an aging population.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASALDBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the aging program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Career opportunities for graduates of the BS program in aging include advising organizations to better serve older adults, researching service delivery modalities, developing policies for public and private organizations, and providing services directly to older populations. Employment in associated career fields is expected to increase commensurately with the needs of a growing and diverse population. People who work with aging populations are employed in public and private agencies that deal with a wide variety of social issues, including:

- access to primary and specialized health care
- assisted-living facility management
- disabilities
- discrimination
- elder abuse and family support
- health, mental health and end-of-life decisions
- housing
- recreational opportunities
- transportation

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu
sbsadvising@asu.edu
602-543-3000

Applied Computing, BS (ASACOBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BA in Computer Science.

Program description

Students in the Bachelor of Science program in applied computing learn a computer science foundation and then explore the established knowledge and emerging developments in the high-demand areas of database systems, computer networks and cybersecurity. The program also provides the opportunity for students to investigate interdisciplinary connections, including the combination of computing with its practical application in other disciplines, through concurrent degrees and minors.

Hands-on class projects, internships, industry partnerships, and authentic and impactful research conducted with faculty provide numerous opportunities for students to apply their knowledge before they graduate. Students use their programming expertise, systems knowledge and critical thinking skills to effectively problem-solve and articulate their experience through presentations, scientific posters and professional papers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the applied computing program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared to integrate technology with human activities, respond to global changes, solve problems, and create and manage the technological production of information and creative products.

Core information technology industries are among the fastest growing sectors in the U.S. economy. Graduates find employment opportunities with corporations and businesses, nonprofit and government agencies, and digital arts media industries, as well as in the academic world.

With a depth of knowledge and experience in information technology best practices, graduates have a strong foundation in systems with established interconnections among these fields. They are prepared for graduate study or positions such as cybersecurity analyst, database architect and network engineer.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASACOBS/undergrad/false/1
mnsadvising@asu.edu
602-543-3000

Applied Computing (Cybersecurity), BS (ASACOCBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

ASU is no longer accepting new students to this program. Students interested in cybersecurity should apply to the Computer Science (Cybersecurity), BA program.

Program description

The innovative cybersecurity concentration builds on the Bachelor of Science degree program in applied computing.

Students acquire the technical knowledge of how to secure networks and applications, an understanding of cybersecurity governance models and risk management fundamentals, methods of communicating complex risk issues, and solutions for the challenges of implementing cybersecurity controls within various organizational models. Leadership, critical thinking and effective communication are also emphasized.

Students gain experience with authentic cybersecurity organizations, protecting digital assets against compromise or

theft.

The cybersecurity concentration prepares students for a continuing and progressive career in cybersecurity.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOCBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the applied computing cybersecurity concentration program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

This is an ideal degree for students interested in careers in cybersecurity. Opportunities are available both in the private sector and within governmental agencies (e.g., the FBI, U.S. Department of Homeland Security, the National Security Agency and the Department of Defense).

Graduates of the applied computing program with a concentration in cybersecurity are well prepared for graduate study as well as entry-level employment with businesses, nonprofits, government agencies and academic institutions. Cybersecurity-focused positions include:

- chief information security officer
- cyber risk analyst
- information security engineer
- network security engineer
- security operations center analyst

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASACOCBS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Applied Mathematics, BS (ASMATBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Science program in applied mathematics emphasizes quantitative problem-solving and critical thinking. Courses expose students to a variety of mathematical theories, techniques and applications currently used by analysts and researchers in government, industry and nonprofit organizations.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biostatistics, MS

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASMATBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the applied mathematics program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for entry-level positions in industry, finance, government, nonprofit organizations and education. They also may pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and computer science), and their career opportunities may involve:

- applied mathematical networks

- financial mathematics
- general applied mathematics
- mathematical biology
- operations research

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASMATBS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Applied Science, BAS (ASBASBAS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Applied Science program in applied science is for students who have already earned a community college Associate of Applied Science degree. The program enables students to apply the technical knowledge they gained in their associate degree program, significantly broaden their education through completion of a concentration of their design, and expand on their previous coursework or create a new concentration in a different area of study.

This program includes a distinct, personalized area of concentration tailored to the student's specific interests and career goals; possible areas include applied computing, applied ethics, biology, biomedical research, business, conflict resolution, communication, creative writing, cybersecurity, English, environmental science, film and video studies, forensic psychology, forensic science, interdisciplinary arts and performance, risk communication, peace studies, political science, psychology, Spanish and statistics.

Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the BAS degree. Students who have earned an AAS from an accredited institution may transfer 60 credit hours toward the BAS degree.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Interdisciplinary Studies, MA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree. This program is not available to first-year students.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must hold an AAS degree to change their major to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBASBAS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the applied science program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Because the program allows students to tailor their concentration, graduates are prepared for a wide variety of career opportunities as well as graduate programs in fields such as law, business, social sciences and education.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASBASBAS/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Biology, BA (ASLSCBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Students in the Bachelor of Arts program in biology with an emphasis in the natural sciences examine the interdisciplinary nature of the life and physical sciences, focusing on the ways in which these disciplines intersect. The program's organization and flexibility enable students to simultaneously study another subject outside their major. Students are encouraged to add a minor or concurrent degree in another subject area.

Students gain hands-on experience as they work in small groups and one-on-one with individual faculty members. Students may participate in pioneering scientific research by assisting in faculty research laboratories, and even publish in top journals and present their results at regional and national scientific meetings.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Data Science, MA

Biological Data Science, MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the biology program to expand their knowledge of how science impacts society through a variety of cultures.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for entry-level jobs in research, nonprofit, education and outreach organizations and for other roles in the life sciences.

Graduates have a wide variety of options, including pursuing graduate studies or seeking careers in areas that include:

- environmental management and conservation
- health professions
- laboratory research

- primary and secondary school teaching
- science advisement to businesses and government
- science writing

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLSCBA/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Biology, BS (ASLSCBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Science program in biology with an emphasis in the natural sciences examines these disciplines through experiential learning. By learning in an integrative environment that emphasizes the connectedness of the life sciences, students gain a better understanding of larger scientific concepts from multiple perspectives.

All the program's core courses include laboratories.

Students are encouraged to conduct independent research under the mentorship of faculty members or during internships. Some even publish in top journals and present their results at scientific meetings.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the biology program to expand their knowledge of how science impacts society through a variety of cultures.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

This program prepares graduates for a wide variety of careers by offering course and laboratory work and quantitative research opportunities that develop fundamental problem-solving, critical thinking, writing and communication skills. Graduates may enter careers in:

- business
- laboratory or field research
- medicine

- publishing
- scientific journalism
- teaching

Undergraduate laboratory experience, both on and off campus, enhances employability as a laboratory technician or research associate in university and government research laboratories; in hospital and diagnostic laboratories; and in pharmaceutical, biotechnology, agricultural and food processing companies.

Students engaged in field studies are prepared for entry-level positions in private companies and state and federal agencies, such as wildlife biologist, environmental consultant or conservation officer. They are also prepared for graduate or doctoral programs in human or veterinary medicine, pharmacy, dentistry or scientific research.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLSCBS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Biology (Environmental Justice), BS (ASLSCEJBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

In the Bachelor of Science program in biology with a concentration in environmental justice, students examine living systems through experiential learning and scientific inquiry. By learning in an integrative environment that emphasizes the connectedness of the life sciences and social sciences through the lens of justice and equity, students gain an understanding of larger scientific concepts and how science can be applied to social policies to effect positive outcomes for communities and ecosystems.

All the program's core courses include laboratories to provide students with ample practice in science inquiry, including the development of scientific questions, designing experiments and collecting data, and data analysis.

Students are encouraged to conduct independent research under the mentorship of faculty members or during internships. Some even publish in top journals and present their results at scientific meetings. Students in this concentration apply their research to social policies to improve outcomes for marginalized communities and natural ecosystems.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCEJBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the biology environmental justice concentration program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of this program are able to apply their science research skills and knowledge to a variety of careers in the life sciences. Opportunities include careers in wildlife or animal conservation, formal or informal science education environments or environmental consulting; some go on to pursue science or policy graduate study.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/smns/degrees
mnsadvising@asu.edu
602-543-3000

Biology (Environmental Justice), BA (ASLSCEJBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Students in the Bachelor of Arts program in biology with a concentration in environmental justice examine the interdisciplinary nature of the life and physical sciences, social sciences and moral theories as they are applied to environmental systems and health, focusing on the ways in which these disciplines intersect.

Students gain a foundation in the key principles of biology, including cell theory, ecosystem dynamics and energy exchange, and genetics. The program's organization and flexibility enable students to simultaneously study another subject outside their major.

Students gain hands-on experience with advocacy for marginalized communities that often experience disproportionate impacts from inequitable environmental policies. They work in small groups and one-on-one with individual faculty members to practice communication and advocacy skills. Students may participate in advanced scientific research by assisting in faculty research laboratories, and even publish in top journals and present their results at regional and national scientific meetings.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCEJBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the biology environmental justice concentration program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of this degree program can apply their science research skills and knowledge to a variety of careers in the life sciences. Possibilities include working in wildlife or animal conservation, in formal or informal science education environments, or for environmental consulting services, or pursuing a science or policy graduate program of study.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/smns/degrees
mnsadvising@asu.edu
602-543-3000

Biology (Pharmacology/Toxicology), BS (ASLSCPBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The pharmacology and toxicology concentration of the Bachelor of Science program in biology emphasizes the biochemical, molecular and physiological components of chemical and body interactions.

Experiential learning is a core component of the program, and all required core courses have laboratories. By learning in an integrative environment that emphasizes the connectedness of the disciplines, students gain a better understanding of larger scientific concepts, and they can view these concepts from multiple perspectives. To have a thorough understanding of the interactions of chemicals in the biological system, students study biology and chemistry, and they become familiar with chemical interactions at physiological, molecular and cellular levels.

Undergraduates have the opportunity to conduct independent research under the mentorship of faculty members or in internships outside the school.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCPBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the biology program to expand their knowledge of how science impacts society through a variety of cultures.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their

professional network. Participation in study abroad programs provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for occupations such as:

- laboratory researcher
- pharmacist
- physician
- physician assistant
- risk assessor
- veterinarian

They may work in governmental agencies or private companies in areas such as:

- clinical trials
- product safety evaluation
- regulatory affairs
- teaching

Graduates are also prepared for entry-level employment in the growing field of environmental toxicology as well as for graduate and professional programs in pharmacology and toxicology.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLSCPBS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Biotechnology and Bioenterprise, BS (ASBITEBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Science program in biotechnology and bioenterprise provides students with essential transdisciplinary and practical experience in biotechnology research. Students acquire the associated business and entrepreneurship skills needed for developing and marketing biotechnological innovations and solutions to problems that face the biotechnology and health sciences communities in Arizona, the nation and beyond.

The program emphasizes coursework in the biological, biomolecular and biotechnological sciences, which are key components that underpin biotechnology. Students may tailor the degree to their specific interests and aspirations through focus areas in biotechnology, bioentrepreneurship and biostatistics.

The program is distinct because of its focus on blending biotechnology and entrepreneurship.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: First math varies depending on the focus area chosen.
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBITEBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the biotechnology and bioenterprise program to see firsthand how countries approach entrepreneurship through exposure to global startups.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of this program are prepared for such careers as:

- bioentrepreneur
- cell biologist
- clinical trials manager
- educator
- laboratory researcher
- microbiologist
- patent agent
- portfolio manager
- project manager
- regulatory affairs manager

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASBITEBS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Communication, BS (ASCOMMBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Science program in communication is a dynamic degree program. Students are able to tailor this flexible program to their personal and career goals.

Working closely with award-winning faculty, students gain experience connecting people in local and global spheres to build strong communities by exploring intercultural, relational and professional communication. Students learn to communicate creatively by studying media, culture and narrative to influence and inspire various audiences. Students also learn to advocate for themselves and others by researching ethics, social issues and persuasion to promote positive change.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the communication program to improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills, and expand their knowledge of the liberal arts through lenses of different cultures.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates have been trained in effective communication skills; are able to speak and write well; can convey complex ideas effectively; and are able to perform various forms of data analysis, communication assessment and technical reporting. They are prepared for employment in communication-intensive fields in business, media, government, nonprofit and educational sectors, and for further graduate study in the social sciences, law, humanities and management.

Graduates pursue careers in a variety of fields, such as digital content creation, public relations, law practice, sales and marketing, customer experience management, strategic communication and nonprofit advocacy. They can work in communications-intensive fields such as:

- advertising
- community education
- corporate communications
- crisis management
- customer service and customer relations
- health communication
- human resources management
- media and public relations
- new media
- social media
- training and development

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCOMMBS/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Communication, BA (ASCOMMBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in communication is a dynamic degree program, and students are able to tailor it to their personal and career goals.

Working closely with award-winning faculty, students gain experience connecting people in local and global spheres to build strong communities by exploring intercultural, relational and professional communication. Students learn to

communicate creatively by studying media, culture and narrative to influence and inspire various audiences. Students also learn to advocate for themselves and others by researching ethics, social issues and persuasion to promote positive change.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the communication program to improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills, and expand their knowledge of the liberal arts through lenses of different cultures.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of the BA program in communication are prepared for careers in social media and technology, global communication, public relations and strategic communications, risk and crisis communication, communication training and mentoring, sport communication and communication philosophy. Graduates pursue careers in a variety of communication-driven fields such as digital content creation, law practice, sales and marketing, customer experience management and nonprofit advocacy. Because communication skills are crucial to many professions, graduates work in a variety of fields, including:

- customer service and customer relations
- health and human services
- human resources
- lobbying
- management
- marketing
- media and public relations
- mediation
- social media design and implementation
- training and development

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCOMMBA/undergrad/false/3
sbsadvising@asu.edu
602-543-3000

Computer Science, BA (ESCSEBA)

College/School: New College of Interdisciplinary Arts and Sciences
Ira A. Fulton Schools of Engineering

Campus: West Valley

Program description

The Bachelor of Arts program in computer science begins with core courses that provide a solid foundation in the practical aspects of computer science, ensuring that students have the critical thinking, programming and problem-solving skills required for a future in industry. Students have the opportunity to customize their degree according to their areas of interest; computing electives cover various disciplines, including:

• app development
• cybersecurity
• databases
• data science
• networking
• software development

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have a minimum cumulative ASU GPA of 2.00 (scale is 4.00 = "A").
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBA~null) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers and helps the student stand out should they pursue advanced study.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are well-prepared for careers in a wide variety of computing-related fields or to pursue graduate study. They secure employment in a variety of capacities, such as in computer and software design and development of information technologies. Computer science graduates can excel in system and software development. Computer science-related job opportunities include:

- creating computer games and graphics systems
- developing mobile computing applications
- developing security applications
- discovering data management and mining solutions

Contact information

Computer Science and Engineering Program and School of Mathematical and Natural Sciences | FAB N134
https://scai.engineering.asu.edu/computer-science-ba/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Computer Science (Cybersecurity), BA (ESCSEIBA)

College/School: New College of Interdisciplinary Arts and Sciences
Ira A. Fulton Schools of Engineering

Campus: West Valley

Program description

The Bachelor of Arts program in computer science with a concentration in cybersecurity is anchored with core courses that provide a solid foundation in the practical aspects of computer science, and it ensures that students have the requisite critical thinking, effective programming and problem-solving skills for a future in industry. Students acquire the technical knowledge of how to secure networks and applications, an understanding of cybersecurity governance models and risk management fundamentals, methods of communicating complex risk issues, and solutions for the challenges of implementing cybersecurity controls within various organizational models. Students gain experience with authentic cybersecurity organizations, protecting digital assets against compromise or theft.

The program provides opportunities for students to customize their degree with other areas of interest with a robust offering of computing electives covering various disciplines such as:

• app development
• databases
• data science
• networking
• software development

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEIBA~null) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience impresses prospective employers, and it also helps the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (https://goglobal.asu.edu/) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are well prepared for pursuing careers in a wide variety of computing-related fields or to embark on further graduate studies. They secure employment in a variety of capacities, such as in computer and software design or the development of information technologies. Computer science graduates can excel in system and software development. Some computer science-related jobs include:

- creating computer games and graphics systems
- developing mobile computing applications
- developing security applications
- discovering data management and mining solutions

Contact information

Computer Science and Engineering Program and School of Mathematical and Natural Sciences | CTRPT 105
https://scai.engineering.asu.edu/
SCAI.Undergrad.Admission@asu.edu
480-965-3199

Conflict Resolution, BA (ASCNRBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in conflict resolution takes an interdisciplinary approach grounded in communication. Students are introduced to theories and practices that enable them to understand, address and transform conflict while dealing with challenges at the micro and macro levels in professional and cross-cultural contexts and in individual and collective interactions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCNRBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the conflict resolution program to develop an expanded worldview. They learn to resolve issues not only within the workplace, but also within international partnerships.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are ready to pursue further education or careers in several diverse areas. They have great career prospects in business, education, government, nongovernmental agencies, law, advocacy, public and government administration, and mediation.

Contact information

School of Social and Behavioral Sciences and School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCNRBA/undergrad/false/437

sbsadvising@asu.edu
602-543-3000

Digital Forensics, BS (ASCPFBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

This program's name has changed effective Fall 2025. The previous name was Computational Forensics.

Program description

Digital forensics is the discipline that employs data generated and stored on computers, mobile devices, networks and cloud environments to systematically collect, analyze and preserve evidence related to crimes or incidents. Through this process, it helps determine the causes of crimes and provides reliable evidence for court proceedings.

The Bachelor of Science program in digital forensics offers a comprehensive curriculum where students learn the specialized skills and legal knowledge necessary for digital evidence collection and analysis. By integrating diverse fields such as digital forensics and cybersecurity, students are prepared to effectively tackle the complex challenges of cybercrime and digital misconduct.

Students engage in hands-on learning activities --- including laboratory exercises, internships and field experiences based on authentic cases --- to systematically master state-of-the-art software and analytical techniques, thereby strengthening both their theoretical understanding and practical expertise. Furthermore, active faculty research and strategic industry partnerships expose students to innovative technological trends and security issues, equipping them to thrive as professionals in the rapidly evolving digital landscape.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCPFBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the digital forensics program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

With the multidisciplinary skill set they have acquired --- spanning technical, legal and investigative domains --- graduates are prepared for fast-growing, emerging roles in digital investigations and cybercrime. The U.S. Bureau of Labor Statistics estimates that between 2023 and 2033, employment of one such role, information security analysts, will increase 33% --- a rate much greater than that for most occupations. Graduates of this program are prepared to work in government agencies, law enforcement, consulting firms and on cybersecurity teams.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCPFBS/undergrad/false/1
sifadvising@asu.edu
602-543-3000

Disability Studies, BA (ASDISASBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: ASU Sync, Online

Program description

Disability is a basic feature of human diversity. In fact, people with disabilities form the largest minority group in the United States, making up approximately a quarter of the population. Disability studies has become an increasingly prominent academic field, providing students with a multifaceted understanding of the social, cultural, political and economic dimensions of disability.

The Bachelor of Arts program in disability studies prepares students to make a positive impact on society. Students learn to confront the marginalization of people with disabilities and to acquire skills in research, advocacy and policymaking that are increasingly important in a variety of professions.

Format options
The disability studies BA program is offered in two formats: ASU Online or ASU Sync.

ASU Online: The online BA in disability studies program offers all coursework 100% virtually (https://asuonline.asu.edu/students/courses/). Courses are typically offered in a 6--7.5 week format, and they are taught asynchronously (there is not a set time to attend class each week). Students access course content on their own schedule and complete assignments by preset deadlines.

ASU Sync: The disability studies Sync program (https://provost.asu.edu/sync) is a flexible degree option that allows students to attend classes virtually or in person. Courses in the major (i.e., DST courses) are offered virtually, either as iCourses or live virtual lectures with faculty and peers (Sync classes). Courses required outside the major, such as general studies or electives, are offered in person or virtually as iCourses. Students should review the Class Search (https://catalog.apps.asu.edu/catalog/classes) to determine course format options offered each semester to ensure that they can attend courses in the modalities available. The Sync program option is open to Arizona residents and nonresidents. Nonresidents should consider time zone differences because most Sync classes are scheduled according to local Arizona time.

Because of immigration requirements, international students on F-1 or J-1 immigration status are not eligible for the BA in disability studies Sync program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-disability-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASDISASBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the disability studies program to deepen their understanding of the diversity and complexity of the world.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of

Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates from this program find career opportunities in many fields, such as the arts, business, civil service, counseling, education, government, health care, law and social work, as well as with community and nonprofit organizations.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASDISASBA/undergrad/false/5
harcsadvising@asu.edu
602-543-3000

English, BA (ASENGBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts in English program offers students tools to think critically and reflectively about language, literature and culture. Students develop advanced critical thinking abilities; advanced skills for clear and effective verbal communication; expertise in constructing well-supported and persuasive arguments; experience performing complex textual analysis; knowledge of historical trends in written discourse; an awareness of the role of literary discourse in broader social and historical contexts; and an ability to engage in big-picture thinking.

Students have the opportunity to gain practical publishing experience with the literary magazine Canyon Voices (https://newcollege.asu.edu/canyonvoices).

The English major helps students strengthen their analytical skills, shape their own ideas, and flexibly develop their own interests. English courses are regularly offered in fiction, poetry and creative writing; periods and authors in British, American and global literatures; women's and ethnic literatures; and creative and expository writing.

World-class faculty have strong reputations in various fields of research and are ready to enhance skill sets, deepen knowledge bases, and help students put the BA in English degree to work in a variety of professions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the English program to explore language at a deeper level through an expanded lens of dialects, literature and terminology.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of

Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for graduate study in education, creative writing, literary history, rhetoric, composition and public policy; for professional training in law, business, teaching and public policy; and for careers in marketing, public relations, government, diplomacy and community work, among others. Graduates prepare for the many professions in which problem-solving, creativity, research, writing, interpersonal and digital skills are necessary and valued.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENGBA/undergrad/false/5
harcsadvising@asu.edu
602-543-3000

English (Secondary Education), BA (ASENGSEBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in English with a concentration in secondary education provides rigorous content in literature, composition, linguistics and secondary teaching, extensively preparing students to meet the needs of all student populations. Attention is given to levels of student academic performance and cultural and linguistic diversity.

The demand for teachers in Arizona is high. Students complete their teaching internship in school districts in the greater Phoenix area or for one of the 22 Native American nations in Arizona.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGSEBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students who wish to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that shape the students in their classrooms. Secondary education concentration students can enhance their English degree with a study abroad program, in which they can gain firsthand experience within a wide variety of cultures and communities.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of the program earn Arizona Department of Education certification for middle and high school English language arts and are prepared for careers as secondary school teachers.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENGSEBA/undergrad/false/5
harcsadvising@asu.edu
602-543-3000

Environmental Science, BS (ASENVBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Science program in environmental science is dedicated to finding solutions to the challenges posed by climate change.

The study of human impact on Earth's ecosystems and resources has become increasingly important over the past 20 years. This degree program is founded on established environmental basics, ensuring that students are well-versed in biological study, including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems. Rounding out student preparation, the program includes a focus on the management and communication skills necessary in various environmentally specific careers.

This program prepares students to become graduates who find innovative and sustainable solutions to today's critical environmental challenges, including pollution and climate change. Distinguished faculty members conduct research across the globe and engage students in the process of creating new scientific knowledge that will impact a rapidly changing world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Environmental and Resource Management, MS

Biological Data Science, MS

Environmental and Resource Management (Water Management), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The natural world is complex and diverse, changing quickly from one biome to the next. The physical environment is highly varied across the globe, and so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the environmental science program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Career opportunities for graduates of this program include employment in federal and state agencies, such as the Bureau of Land Management, the Environmental Protection Agency and the U.S. Forest Service, and in private consulting firms and nongovernmental and nonprofit organizations. Graduates of the program also are well qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENVBS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Environmental Science, BA (ASENVBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The study of human impact on the earth's ecosystems and resources has become increasingly important over the past 20 years. The Bachelor of Arts program in environmental science is dedicated to preparing students to become graduates who find solutions to today's critical environmental challenges posed by pollution and climate change.

This degree program is founded on established environmental basics, ensuring that students are well versed in biological study, including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems.

The world-renowned faculty conduct research across the globe, and they engage students in the process of creating new scientific knowledge that, in turn, impacts a rapidly changing world.

Rounding out student preparation, the program includes a focus on the management and communication skills necessary in various environmentally specific careers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Data Science, MA

Environmental and Resource Management, MS

Biological Data Science, MS

Environmental and Resource Management (Water Management), MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The natural world is complex and diverse, changing quickly from one biome to the next. The physical environment across the globe is highly varied, and so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the environmental science program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Career opportunities for graduates of this program include employment in environmental policy, as well as management and leadership positions in federal and state agencies, local municipality planning offices, private

consulting firms, and nongovernmental and nonprofit organizations. Graduates are also well qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENVBA/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Environmental Science (Environmental Justice), BS (ASENVEJBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Science program in environmental science with a concentration in environmental justice is dedicated to finding equitable solutions to the challenges posed by pollution, limited resources and climate change.

The study of human impact on Earth's ecosystems and resources has become increasingly important over the past 20 years. This program is founded on established scientific research in the areas of organismal and ecosystem biology, chemistry, hydrology and water resources, and geographic information systems. Further, this concentration applies an interdisciplinary approach to studying environmental issues from the perspective of moral theories, social systems and environmental research. Rounding out student preparation, the degree includes a focus on the management, advocacy and communication skills necessary in various environmentally specific careers.

This program prepares students to find equitable and innovative solutions to today's critical environmental challenges, including pollution and climate change, from the perspective of marginalized communities that may benefit from having their voices magnified. The program's distinguished faculty conduct research across the globe and engage students in the process of creating new environmental policies and scientific knowledge that will impact a rapidly changing world.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVEJBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The natural world is complex and diverse, changing quickly from one biome to the next. The physical environment is highly varied across the globe, and so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the environmental science program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of this program may apply their science research skills and knowledge to careers in wildlife and land conservation, sustainability, soil science, hydrology and water resources, environmental regulations and permitting, and environmental policy.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/smns/degrees
mnsadvising@asu.edu
602-543-3000

Environmental Science (Environmental Justice), BA (ASENVEJBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The study of human impact on Earth's ecosystems and resources and how these impacts are distributed across communities and ecosystems has become increasingly important over the past 20 years. The Bachelor of Arts program in environmental science with a concentration in environmental justice is dedicated to preparing students to find solutions to today's critical environmental challenges posed by pollution, resource access and climate change. Further, this concentration program provides students with a foundation in moral theories and social policies as well as with communication skills that prepare them to be advocates for marginalized communities, which may be disproportionately impacted by environmental issues and policies.

This degree program is founded on established scientific research in the areas of organismal and ecosystem biology, chemistry, hydrology and water resources, and geographic information systems. The program's distinguished faculty from the natural sciences, social sciences and philosophical fields of study conduct research across the globe, and they engage students in the process of creating new scientific policies that positively impact a rapidly changing world.

Rounding out student preparation, the program includes a focus on the management and communication skills that are necessary in various environmentally specific careers.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVEJBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

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Global opportunities

Global experience: The natural world is complex and diverse, changing quickly from one biome to the next. The physical environment across the globe is highly varied, and so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the environmental science program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates may apply their interdisciplinary science and social science research skills to careers in environmental policy, community education and advocacy, wildlife and land conservation, and community and urban planning.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/smns/degrees
mnsadvising@asu.edu
602-543-3000

Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Many students are not ready to choose a specific academic program of study when they first enter ASU. Exploratory programs provide students with the opportunity to discover the options available. They are given the time, resources and guidance needed to assess their skills, interests and aptitudes.

Declaring exploratory status permits students to begin meeting general studies requirements that all ASU graduates must fulfill. The exploratory applied computing, mathematics and technology program also enables students to explore a variety of academic courses that may lead to a major interest in these fields.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
or MAT 170 Precalculus or MAT 210 Brief Calculus or MAT 251 Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry 1
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACMTEXPL~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring applied computing, mathematics and technology on a global scale can be beneficial to students as they narrow their focus of study. While taking various general education courses through study abroad programs, students are able to learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASACMTEXPL/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Exploratory Health and Life Sciences, (ASHSCIEXPL)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Many students are not ready to choose a specific academic program of study when they first enter ASU. Exploratory programs provide students with the opportunity to discover the options available. They are given the time, resources and guidance needed to assess their skills, interests and aptitudes.

Declaring exploratory status permits students to begin meeting general studies requirements that all ASU graduates must fulfill. The exploratory health and life sciences program also enables students to explore a variety of academic courses that may lead to a major interest in these fields.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 117 - College Algebra
or MAT 170 Precalculus or MAT 210 Brief Calculus or MAT 251 Calculus for Life Sciences or MAT 270 Calculus w/Analytic Geometry I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while an exploratory student.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=ASHSCIEXPL~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring health and life sciences on a global scale can be beneficial to students as they narrow their focus of study. While taking various general education courses through study abroad programs, students are able to learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHSCIEXPL/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Many students are not ready to choose a specific academic program of study when they first enter ASU. Exploratory programs provide students with the opportunity to discover the options available. They are given the time, resources and guidance needed to assess their skills, interests and aptitudes.

Declaring exploratory status permits students to begin meeting general studies requirements that all ASU graduates must fulfill. The exploratory humanities, fine arts and design program also enables students to explore a variety of academic courses that may lead to a major interest in these fields.

Second language requirement: No
STEM-OPT extension eligible: No

Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while an exploratory student.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHUFAEXPL~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring humanities, fine arts and design on a global scale can be beneficial to students as they narrow their focus of study. While taking various general education courses through study abroad programs, students are able to learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHUFAEXPL/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Exploratory Social and Behavioral Sciences, (ASSBSEXPL)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Many students are not ready to choose a specific academic program of study when they first enter the university. Exploratory programs provide students with the opportunity to discover the options available at ASU. They are given the time, resources and guidance needed to assess their skills, interests and aptitudes.

Declaring exploratory status permits students to begin meeting general studies requirements that all ASU graduates must fulfill. The exploratory social and behavioral sciences program also enables students to take some time to explore a variety of academic courses that may lead to a major interest in these fields.

Second language requirement: No
STEM-OPT extension eligible: No

Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while an exploratory student.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSEXPL~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring social and behavioral sciences on a global scale can be beneficial to students as they narrow their focus of study. While taking various general education courses through study abroad programs, students are able to learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSBSEXPL/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Forensic Science, BS (ASFOREBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

Forensic science is the study and application of scientific methods to matters of law.

The Bachelor of Science program in forensic science is built on a solid foundation in biology and chemistry and is designed to develop students' basic and upper-level laboratory skills. Students complete holistic, rigorous coursework in the natural and mathematical sciences to prepare to enter a competitive workforce. The interdisciplinary nature of the program is distinctly designed to train students in forensic techniques as varied as crime scene collection, evidence analysis and mock courtroom testimony.

Along with completing coursework and gaining the necessary scientific skills to succeed in this field, students have the opportunity to gain practical experience in a laboratory setting through involvement in research or an internship. Students can conduct research under experts of varying forensic fields, including biology, entomology and anthropology. Students also may apply for and participate in forensic science internships sponsored by crime labs around the country. Internships are highly competitive.

Job applicants and students who are seeking a volunteer or internship position within a crime lab are required to undergo an extensive background check that includes a polygraph exam, fingerprinting and drug testing. Applicants can be disqualified for recent or past illicit drug use (including marijuana), felony convictions, drunk driving convictions or other reasons.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Forensic Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/forensic-science-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASFOREBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the forensic science program to learn about science and law enforcement in other countries.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are

able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Scientific and technological advances in the field of forensic science and continually increasing caseloads in law enforcement are projected to increase the number of forensic science technicians needed over the next decade. The U.S. Bureau of Labor Statistics estimates that between 2023 and 2033, employment of forensic science technicians will increase 14% --- an average increase much greater than for most occupations.

Graduates of the forensic science program are prepared to work in crime labs and private forensic science labs at the local, state and federal levels. Graduates also are prepared for graduate programs in forensic science, law school, medical school and related fields.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASFOREBS/undergrad/false/1
sifadvising@asu.edu
602-543-3000

Forensic Science (Death Investigations), BS (ASFOREDIBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

Forensic science is the application of science to the law or legal procedures. The medicolegal death investigation system is responsible for conducting investigations that certify the cause and manner of death in unnatural or unexplained circumstances --- those associated with forensic investigations.

The Bachelor of Science program in forensic science with a concentration in death investigations is built on a solid foundation of anatomy, biology and chemistry, which develop students' basic and upper-level laboratory skills. Students complete holistic, rigorous coursework in the natural and mathematical sciences to prepare to enter a competitive workforce. The interdisciplinary nature of the program is distinctly positioned to train students in forensic techniques such as advanced mapping, scene photography, biological evidence analysis and mock courtroom testimony.

Along with completing coursework and gaining the necessary scientific skills to succeed in this field, students have the opportunity to gain practical experience in a laboratory setting by being involved in research or an internship. Students can conduct research under experts of varying forensic fields, including anthropology, biology, entomology, investigations and data science. Students also may seek to apply for and participate in forensic science internships sponsored by crime labs or medicolegal offices around the country. Students seeking a volunteer or internship position within a crime lab or medicolegal office (as well as job applicants) often are required to undergo an extensive background check that includes a polygraph exam, fingerprinting and drug testing. Applicants can be disqualified for recent or past illicit drug use (including marijuana), felony convictions, drunk driving convictions or other reasons.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Forensic Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/forensic-science-death-investigations/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASFOREDIBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the forensic science program to learn about science and law enforcement in other countries.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

The U.S. Bureau of Labor Statistics assigns most categories of death investigators to the "forensic science technician" category. According to the bureau, the median annual salary for these professionals in 2021 was $61,930. The profession is projected to grow 14% by 2033 --- much faster than the annual average. About 2,500 openings for forensic science technicians are projected each year, on average, over the decade.

Competition for positions is strong, and this concentration gives graduates an advantage in applying for these positions. Graduates of the program are distinctly positioned, given their advanced education and training, to be very competitive job candidates and applicants for graduate and medical school in areas such as medicolegal death investigation, biology, predental forensic odontology, wildlife forensics, cultural resource management and preservation, international relief, forensic work, law and psychology, forensic nursing and related fields. Those who go into the job market take on roles such as autopsy technician, pathologist's assistant and coroner.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASFOREDIBS/undergrad/false/1082
sifadvising@asu.edu
602-543-3000

Gender, Women and Sexuality Studies, BS (ASWSTBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Science program in gender, women and sexuality studies is an interdisciplinary academic program. Students examine the cultural and social construction of gender; explore the history and experiences of women and their contributions to society; and study the influences of gender at a micro and macro level.

Consistent with the university's design imperatives of social embeddedness and use-inspired research, the program's

course offerings, research initiatives and cocurricular programs further the understanding of women and gender and promote social justice. Students gain a solid knowledge base and educational foundation as well as the critical thinking skills necessary for dealing with changing gender roles in society.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASWSTBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the gender, women and sexuality program to explore the impact of culture, race, religion and law on gender norms and equality across the globe.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for further study in graduate or professional programs as well as for careers in a variety of settings, including health care services, human resources development, public and business administration and social services.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASWSTBS/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

History, BA (ASHISBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in history introduces students to a broad span of history that covers the ancient world through the modern period and extends from Europe to Latin America and the United States.

In addition to learning about the origins and development of various peoples, ideas and institutions of the past, students engage in the practice of history by learning to conduct research, analyze historical evidence and formulate arguments using historiographical perspectives and methodological approaches.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics

Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the history program to visit historical sites around the world and see the marks the past has left behind. Students are able to hear firsthand from locals living in different regions

and to experience different perspectives on the past.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of this program are prepared for graduate study; for professional degree programs; and for careers in which critical thinking, research and writing skills are highly valued, such as journalism, editing, law and civil service.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHISBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

History (Secondary Education), BA (ASHISSEBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The flexible Bachelor of Arts program in history with a concentration in secondary education prepares students who are considering a career in education for teaching and certification while providing them with the disciplinary knowledge of a traditional history degree. Students understand history in all its depth while developing strong critical reading, writing and research skills as well as skills in oral presentation.

The demand for teachers in Arizona is high. Students complete their teaching internship in school districts in the greater Phoenix area or for one of the 22 Native American nations in Arizona.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISSEBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the history program to visit historical sites around the world and see the marks the past has left behind. Students can hear narratives from locals in different regions of the world and experience a different perspective of the past, both of which can be present when educating their own students in their future classrooms.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates possess the strong, practical teaching tools necessary to successfully teach middle or high school students. With the ability to find and evaluate evidence, form arguments and present analysis, graduates are also well suited for careers in a wide variety of industries and fields of work, and they have a solid foundation for graduate study in teaching, law, business and many other fields.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information
School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHISSEBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Interdisciplinary Arts and Performance, BA (ASIAPBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Accelerated options for this program are not currently available to ASU Online students.

Program description
The Bachelor of Arts program in interdisciplinary arts and performance is leading the way in interdisciplinary arts nationally, breaking traditional boundaries and allowing students to take their talents to new heights. Throughout the curriculum, the emphasis on interdisciplinary arts is continually inclusive, expanding, evolving and innovative, enabling students to shape their own unique creative pathways.

Students in both the online and immersion programs engage with nationally and internationally known faculty in collaborative investigation of many artistic disciplines in preparation for the complex and changing world through current approaches to aesthetic innovation.

Students in this major engage in practical and theoretical studies of visual, sonic, performance, game and interactive arts to become versatile artists.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Interdisciplinary Studies (Interdisciplinary Arts and Performance), MA

Interdisciplinary Studies, MA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIAPBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Performance and art transcend the boundaries of language and culture. Through unique study abroad experiences, interdisciplinary arts and performance students are able to deepen their understanding of their field and acquire a global lens through which to view the influence of culture on their art.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive

career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of the interdisciplinary arts and performance program have received extensive preparation for advanced education or careers as artists, performers and creative professionals. They have a solid foundation from which to pursue their dream in their chosen creative field. With skill sets that prepare them for professional and entrepreneurial opportunities, graduates tap into evolving professions and the expanding field of art practice.

Since 1992, graduates of the BA program in interdisciplinary arts and performance have gone on to many different occupations, such as:

art administrator
arts writer, scholar and critic
composer and sound artist
digital designer
film and video editor
recording artist
theatre artist
video and board game designer
videographer
visual artist in multiple mediums

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASIAPBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Interdisciplinary Arts and Sciences, BA (ASIASBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

In the Bachelor of Arts program in interdisciplinary arts and sciences, students build a flexible, customized degree that is specific to their specific career goals.

Students tailor their programs to emphasize interdisciplinary study combined with a specific area of concentration (e.g., business, communication studies, English, gerontology, history, psychology, preprofessional studies). For example, a business degree with an emphasis in arts and performance can lead to employment opportunities that aren't as easily accessed with a traditional business degree alone. By providing the opportunity to combine disciplines, New College equips students with the specialized education they need to reach their individual career goals.

This degree program culminates in a capstone experience that provides practical perspective, skills and connections, creating versatile graduates who are ready for graduate school or the corporate world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No

First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIASBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the interdisciplinary arts and sciences program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared to make the transition smoothly to graduate school or postbaccalaureate employment in:

- business settings
- community settings
- cultural settings
- educational settings
- social sciences and human service settings

Those who plan to pursue graduate or professional degrees in law, business, helping professions or traditional disciplines benefit from the flexibility of this program, which prepares them for a wide variety of future academic and career pursuits.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASIASBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Latin American Studies, BA (ASLASBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in Latin American studies offers a learner-driven model in which the student's specific interests are deepened through the study of Latin American cultures, histories, politics and linguistic expressions. It is interdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America.

This degree program encourages cross-cultural exploration, preparing students for a global-minded career path.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLASBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the Latin American studies program to learn firsthand about the culture, language and food of their area of study. When studying in a Latin American country, students are able to immerse themselves in the culture and gain a greater understanding of that country and its people.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their

professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for further study in graduate or professional schools and in multicultural environments, including:

arts and arts administration
business and finance
counseling
diplomacy
education
journalism
ministry
nonprofit organizations and advocacy
public policy
technology

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLASBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Pharmacology and Toxicology, BS (ASPTXBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

Students in the Bachelor of Science program in pharmacology and toxicology study how foreign materials react with human bodies. To have a thorough understanding of the interactions of chemicals in the biological system, students in the program study both biology and chemistry, and they become familiar with chemical interactions at physiological, molecular and cellular levels.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus

or MAT 251 Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/pharmacology-toxicology-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPTXBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the pharmacology and toxicology program to expand their knowledge of how science impacts society through a variety of cultures.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

With a heavy focus on experiential learning within the laboratory, graduates of the pharmacology and toxicology degree program are well prepared for careers in diverse areas such as government, industry, health care and business and for a number of career paths (note that some require further education), including:

- environmental risk assessor or consultant
- laboratory researcher
- pharmacist
- physician
- physician assistant
- toxicologist
- veterinarian

Graduates also may work for government agencies such as the Arizona Department of Environmental Quality or the Environmental Protection Agency, city governments or private companies. Possible areas of specialization include:

- clinical trials
- education
- product safety evaluation
- regulatory affairs

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPTXBS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Pharmacology and Toxicology (Environmental Justice), BS (ASPTXEJBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

While pharmaceuticals serve an important role in improving human (and animal) health, their impact on environmental systems is often negative. Furthermore, these chemicals can enter environmental systems and cause detrimental effects. The Bachelor of Science program in pharmacology and toxicology with a concentration in environmental justice prepares students for the nuanced question --- when does a medication become a toxin?

This degree program is based on important underlying concepts in chemistry and biochemistry, anatomy, risk calculation and communication, and justice in community health outcomes. An interdisciplinary approach is used to

provide students with the tools needed to examine community health outcomes from the perspective of moral theories, social systems and environmental research. Further, students gain skills in advocating for positive change and advancing sensible policies to protect human and ecosystem health.

World-renowned faculty in this interdisciplinary program guide students in applied research projects that examine the social, economic, health and moral impacts of environmental toxins. Students are prepared to seek equitable and innovative solutions to today's critical environmental health challenges, especially related to these environmental toxins, to benefit communities and ecosystems. This combination of skills is ideal for students who wish to enter careers in environmental health or health care.

GI Bill® benefits
This new program is not yet approved for use with GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at https://www.benefits.va.gov/gibill/ (https://www.benefits.va.gov/gibill/).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPTXEJBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, students in the pharmacology and toxicology program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

With a heavy focus on experiential learning within the laboratory, graduates of the pharmacology and toxicology degree program are better prepared for careers in diverse areas such as government, industry, health care and business and for a number of career paths, including:

- environmental risk assessor or consultant
- laboratory researcher
- pharmacist
- physician
- physician's assistant
- toxicologist
- veterinarian

Graduates may work at governmental agencies such as the Arizona Department of Environmental Quality or Environmental Protection Agency, or a city government. They also find employment at private companies. They may work in areas such as:

- clinical trials
- education
- product safety evaluation
- regulatory affairs

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/smns/degrees
mnsadvising@asu.edu
602-543-3000

Philosophy, Religion and Society, BA (ASRELBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in philosophy, religion and society comprises historical, theoretical and practical perspectives on philosophy, religion and social ethics, and it emphasizes social and political concerns by putting the studies of philosophy and religion into action.

This interdisciplinary degree program offers two tracks: applied ethics and religious studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Communication Studies, MA

Social Justice and Human Rights, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASRELBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Philosophy, religion and society are the backbone of any culture. Through study abroad programs, students can gain a firsthand perspective on the power of philosophy and religion in societies.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for graduate study or employment in the fields explored through their required capstone or internship, including business, criminal justice, politics, education, government, human resources, law enforcement, law, media, medicine, religious organizations and social services.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASRELBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Political Science, BA (ASPOLBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Political science is the study of governmental practices, politics and theories. Coursework in the Bachelor of Arts program in political science covers American institutions, international relations, political theory and world affairs.

The program helps students gain a basic understanding of the assumptions underlying political science, conduct meaningful research and formulate arguments. Students learn through internships, service-learning and research opportunities, in addition to coursework.

The BA program requires a qualitative methods course, and the Bachelor of Science program requires a quantitative methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Data Science, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=ASPOLBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the political science program to experience firsthand the diverse political and social powers that affect communities around the globe and to gain a global perspective on political theory and world affairs.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

The political science program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal government. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government, or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or other professional schools or as a basis for further study in such fields as:

- community development
- political science
- public administration
- public policy
- social sciences
- urban affairs and urban and regional planning

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPOLBA/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Political Science, BS (ASPOLBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Political science is the study of governmental practices, politics and theories. Coursework in the political science program covers American institutions, international relations, political theory and world affairs.

This program helps students gain a basic understanding of the assumptions underlying political science and develop the research skills necessary to analyze complex sociopolitical issues. In addition to coursework, students learn through

internships, service-learning and research opportunities.

The Bachelor of Science program requires a quantitative methods course, and the Bachelor of Arts program requires a qualitative methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Data Science, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPOLBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Through study abroad, students can experience firsthand the diverse political and social powers that affect communities around the globe. Students in political science can enhance their learning by gaining a global perspective on political theory and world affairs.

With more than 300 programs available to them, students can tailor their experience to their unique interests and skill sets. Programs are available in many countries, including those ruled by communist and monarchical regimes. More information is available on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

The political science curriculum provides a solid background for employment in a relevant profession. The program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal governments. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local governments, or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or other professional schools or as a basis for graduate study in such applied fields as:

- community development
- public administration
- public policy
- political science
- social sciences
- urban affairs
- urban and regional planning

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPOLBS/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Psychology, BS (ASPGSBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Program description

Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and

more. It also crosses over into other disciplines, such as medicine, law, business and economics.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), MS

Communication Studies, MA

Social Justice and Human Rights, MA

Psychology (Sport Psychology), MS

Social Data Science, MA

Psychology (Industrial and Organizational Psychology), MS

Global Management, MGM

Interdisciplinary Studies, MA

Psychology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the psychology program to be exposed to unique differences in the human condition worldwide.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for careers in:

- government (sales and marketing specialist, human resources management professional)
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

clinical and counseling
cognitive neuroscience
developmental
environmental
experimental
physiological
social

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSBS/undergrad/false/3
sbsadvising@asu.edu
602-543-3000

Psychology, BA (ASPGSBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Program description

Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling, as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and more. It also crosses over into other disciplines, including medicine, law, business and economics.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program

by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), MS

Communication Studies, MA

Social Justice and Human Rights, MA

Psychology (Sport Psychology), MS

Social Data Science, MA

Psychology (Industrial and Organizational Psychology), MS

Global Management, MGM

Interdisciplinary Studies, MA

Psychology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

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Global opportunities

Global experience: Studying abroad enables students in the psychology program to be exposed to unique differences in the human condition worldwide.

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Career opportunities

A degree in psychology prepares graduates for a career in:

government (sales and marketing, human resources management)
industry
mental health professions (youth counselor, substance abuse counselor)
social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

clinical and counseling
cognitive neuroscience
developmental
environmental
experimental
health
legal
physiological
social

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSBA/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Psychology (Forensic Psychology), BS (ASPGSFPBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Accelerated options for this program are not currently available to ASU Online students.

Program description

Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the Bachelor of Science program in psychology combines general training in psychology and specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making.

When courts are faced with cases in which a psychology-related question arises, they may turn to psychologists for help. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

Students learn about the various roles of psychologists in the legal system, which helps them to discover which roles they might like to pursue through careers in mental health or criminal justice, or through graduate training.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The BS degree differs from the Bachelor of Arts degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology-forensic-psychology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSFPBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

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Global opportunities

Global experience: When studying abroad in the psychology program, students are exposed to unique differences in the human condition worldwide.

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Career opportunities

Graduates are prepared for careers in the criminal justice and mental health fields. The advanced statistical training further prepares students for careers and graduate training that involve psychological research, clinical research and legal policy research. Many careers in psychology require graduate training, and this program also is designed to prepare students for master's degree and doctoral programs in legal, clinical and forensic psychology.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSFPBS/undergrad/false/437
sifadvising@asu.edu
602-543-3000

Psychology (Forensic Psychology), BA (ASPGSFPBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Accelerated options for this program are not currently available to ASU Online students.

Program description

Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the Bachelor of Arts program in psychology combines general training in psychology and specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making.

When courts are faced with cases in which a psychology-related question arises, they may turn to psychologists for help. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or in determining whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

Students learn about the various roles for psychologists in the legal system, which helps them to discover which roles they might like to pursue through careers in mental health or criminal justice, or through graduate training.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The Bachelor of Science degree differs from the BA degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology-forensic-psychology/) for program descriptions and to request more information.

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Transfer options

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Global opportunities

Global experience: Studying abroad in the psychology program exposes students to unique differences in the human condition worldwide.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates of the BA program in psychology with a concentration in forensic psychology are prepared for careers in the criminal justice and mental health fields. Many careers in psychology require graduate training, and the program's

graduates are prepared for master's degree and doctoral programs in legal, clinical and forensic psychology.

Contact information

School of Interdisciplinary Forensics | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSFPBA/undergrad/false/437
sifadvising@asu.edu
602-543-3000

Psychology (Industrial and Organizational Psychology), BS (ASPGSIOPBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Online

Program description

The Bachelor of Science program in psychology with a concentration in industrial and organizational psychology prepares students to be well-versed in workplace empowerment strategies and interventions. The ultimate goal of this work is to increase the productivity and well-being of employees and the organizations that employ them.

Students gain the foundational knowledge and skills of a traditional psychology program, while focusing their studies on topics central to the field of industrial and organizational psychology. These topics include behavior and communication in organizations, testing and assessment, emotional intelligence and decision-making, among others.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The BS degree differs from the Bachelor of Arts degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), MS

Psychology (Sport Psychology), MS

Psychology (Industrial and Organizational Psychology), MS

Psychology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about

eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/industrial-organizational-bs/) for program descriptions and to request more information.

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Transfer options

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Global opportunities

Global experience: Studying abroad in the psychology program exposes students to unique differences in the human condition worldwide.

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Career opportunities

Graduates of this program are prepared to apply evidence-based approaches to transform the organizations of which they are a part. People with an educational background in industrial and organizational psychology can pursue career opportunities in government, industry, consulting or academia. Specific roles could include:

assessment development specialist
data scientist
human resources specialist
people science and strategy manager
product manager
psychometric analyst
service and testing supervisor
workforce planning manager

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSIOPBS/undergrad/false/3
psyonline@asu.edu
602-543-6265

Psychology (Industrial and Organizational Psychology), BA (ASPGSIOPBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: Online

Program description

The Bachelor of Arts program in psychology with a concentration in industrial and organizational psychology prepares students to be well-versed in workplace empowerment strategies and interventions. The ultimate goal of this work is to increase the productivity and well-being of employees and the organizations that employ them.

Students gain the foundational knowledge and skills of a traditional psychology program, while focusing their studies on topics central to the field of industrial and organizational psychology. These topics include behavior and communication in organizations, testing and assessment, emotional intelligence and decision-making. Graduates of this program are prepared to apply evidence-based approaches to transform the organizations of which they are a part.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The Bachelor of Science degree differs from the BA degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), MS

Psychology (Sport Psychology), MS

Psychology (Industrial and Organizational Psychology), MS

Psychology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

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International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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Change of Major requirements

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Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/industrial-organizational-ba/) for program descriptions and to request more information.

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Global opportunities

Global experience: Through study abroad in the psychology program, students are exposed to unique differences in the human condition worldwide.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates with an educational background in industrial and organizational psychology can pursue career opportunities in government, industry, consulting or academia. Specific roles could include:

- assessment development specialist
- data scientist
- human resources specialist
- people science and strategy manager
- product manager
- psychometric analyst
- service and testing supervisor
- workforce planning manager

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSIOPBA/undergrad/false/3
psyonline@asu.edu
602-543-6265

Psychology (Positive Psychology), BA (ASPGSPPBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

Positive psychology is the scientific study of strengths and behaviors that enable individuals and communities to thrive. There is a rapidly growing body of research in the field of positive psychology, with many applications to individual well-being, relationships, the workplace and every other life domain. Students in the Bachelor of Arts program in psychology with a concentration in positive psychology gain the foundational knowledge and skills of a traditional psychology program while focusing their studies on topics central to the field of positive psychology, such as optimism, gratitude, coping mechanisms, resilience and mindfulness.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The Bachelor of Science degree differs from the BA degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a

rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Precalculus or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), MS

Psychology (Sport Psychology), MS

Psychology (Industrial and Organizational Psychology), MS

Psychology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/positive-psychology-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSPPBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad in the psychology program exposes students to unique differences in the human condition worldwide.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Individuals with psychology degrees can go on to secure jobs across a wide variety of fields, including human resources, research, business and economics, law, health and mental health, and education.

Graduates of this program are prepared to apply evidence-based approaches to transform their own lives and the lives of others. They are prepared for careers in:

- consumer relations and research
- employee training
- family support
- individual life coaching
- occupational analysis
- positive coaching in sports or organizations
- prevention education
- public or mental health program coordination
- youth development

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication, social work and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

Contact information

School of Social and Behavioral Sciences | FAB N101

https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSPPBA/undergrad/false/3
sbsadvising@asu.edu
602-543-3000

Psychology (Positive Psychology), BS (ASPGSPPBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

Positive psychology is the scientific study of strengths and behaviors that enable individuals and communities to thrive. There is a rapidly growing body of research in the field of positive psychology, with many applications to individual well-being, relationships, the workplace and every other life domain. Students in the Bachelor of Science program in psychology with a concentration in positive psychology gain the foundational knowledge and skills of a traditional psychology program, while focusing their studies on topics central to the field of positive psychology, such as optimism, gratitude, coping mechanisms, resilience and mindfulness.

All New College psychology programs have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis and academic writing. The BS degree differs from the Bachelor of Arts degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The BA degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
or a higher level MAT course
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Psychology (Positive Psychology), MS

Psychology (Sport Psychology), MS

Psychology (Industrial and Organizational Psychology), MS

Psychology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/positive-psychology-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSPPBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad in the psychology program exposes students to unique differences in the human condition worldwide.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Individuals with psychology degrees can go on to secure jobs across a wide variety of fields, including human resources, research, business and economics, law, health and mental health, and education.

Graduates of this program are prepared to apply evidence-based approaches to transform their own lives and the lives of others. They are prepared for careers in:

- consumer relations and research
- employee training
- family support
- individual life coaching
- occupational analysis
- positive coaching in sports or organizations
- prevention education
- public or mental health program coordination
- youth development

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication, social work, and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

Contact information

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https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSPPBS/undergrad/false/3
sbsadvising@asu.edu
602-543-3000

Social Justice and Human Rights, BA (ASJHRBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

The Bachelor of Arts program in social justice and human rights spans both the social sciences and the humanities to= prepare students to meet the challenges of social justice and protection of human rights in local, national, international= and global contexts.

Coursework prepares students to serve as advocates for alleviating political, economic and social inequality. The= program introduces students to principles and practices of everyday humanitarianism, multimedia advocacy, and= theories and practices of social justice and human rights.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus.= Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a= rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and= eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Data Science, MA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/social-justice-and-human-rights-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASJHRBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the social justice and human rights program to explore the influence of culture, law, race and religion on a global scale as they prepare to make an impact.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates with this degree are employable in a variety of settings, including refugee resettlement agencies; agencies and shelters that support survivors of domestic abuse; shelters for migrants, especially for unaccompanied minors; disaster relief agencies; organizations that assist survivors of sex trafficking and human labor trafficking; and agencies that assist veterans. Career opportunities include:

charitable fundraiser (e.g., Nina Mason Pulliam Charitable Trust staff member)
grant writer
humanitarian aid worker (e.g., U.N. High Commissioner for Human Rights aid worker, Oxfam aid worker)
human rights lawyer
international governmental organization professional (e.g., U.N. staff member)
investigative journalist
lobbyist for human rights and social justice causes
nongovernmental organization professional (e.g., Amnesty International professional)
nonprofit agency manager (e.g., Special Olympics Arizona, international manager)
public policy researcher

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASJHRBA/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Social and Behavioral Sciences, BA (ASSBSBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

The Bachelor of Arts program in social and behavioral sciences provides students with an understanding of assumptions underlying the social and behavioral sciences, enabling them to develop the research skills necessary for the analysis of complex social issues. This degree program can be tailored to the career goals of the individual student. Students are exposed to a variety of outlooks and challenges, and the program offers individual and group experiences working with faculty on concrete intellectual and policy issues.

The core courses provide students with the requisite background that enables them to better understand psychological= and social principles related to the behavior of individuals across multiple social contexts and institutions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus.= Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a= rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and= eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two= diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some= combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered= as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the= accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about= eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition= and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to= change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/social-behavioral-sciences-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the social and behavioral sciences program to develop an understanding of assumptions made about individuals and society. Firsthand experiences inside and outside the classroom help students develop skills to analyze complex social issues that affect them and those around them, domestically and internationally.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

This interdisciplinary degree is an excellent option, meshing with the individual's interests and fulfilling many employers' expectations of a bachelor's degree. Such a degree is competitive in most situations in which the disciplinary social and behavioral degrees are accepted, and it is advantageous to graduates seeking entry to broad professional programs such as regional planning or urban studies.

Graduates of this program have a solid background in social sciences and methodologies that prepares them for graduate work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science disciplines, and urban studies or planning.

Careers include:

- advocate (e.g., immigration, children's, victim's)
- community developer
- human relations officer
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social services case worker
- statistical analyst

- urban planner

Contact information
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sbsadvising@asu.edu
602-543-3000

Social and Behavioral Sciences, BS (ASSBSBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description
The curriculum of the Bachelor of Science degree program in social and behavioral sciences provides students with an understanding of assumptions underlying the social and behavioral sciences, enabling them to develop the research skills necessary for analysis of complex social issues. This flexible program can be tailored to the career goals of each student and offers individual and group experiences working with faculty on concrete intellectual and policy issues. Students are exposed to a variety of outlooks and challenges.

The core courses provide students with the requisite background to better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions (e.g., community, culture, family and society).

The BS degree differs from the Bachelor of Arts degree in that it has a stronger focus on the use of statistics.
This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation.
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/social-behavioral-sciences-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

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Global opportunities

Global experience: Studying abroad enables students in the social and behavioral sciences program to develop an understanding of assumptions made about individuals and society. Firsthand experiences inside and outside the classroom help students develop skills to analyze complex social issues that affect them and those around them, domestically and internationally.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in study abroad programs provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of

Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

The program provides a solid background in social sciences and methodologies, preparing students for graduate work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, regional planning, social science disciplines, and urban studies or planning.

Possible careers include:

- advocate (e.g., immigration, children's, victim's)
- community developer
- human relations officer
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social services case worker
- statistical analyst
- urban planner

Contact information

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https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSBSBS/undergrad/false/3
sbsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (American Studies), BA (ASSCAASBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in social and cultural analysis with a concentration in American studies engages in the transdisciplinary and comparative study of the United States as a cultural and political site of ongoing change and conflict.

Students learn diverse methods of analyzing nationalist politics, public and private cultural practices, transnationalism and the nation-making processes of migration. The curriculum also brings attention to identity formations around gender, sexuality, race and ethnicity.

As a transdisciplinary field, American studies unites the social sciences, the humanities and the arts to stimulate students into engaging in rigorous and adventurous conversations about American culture, politics and history. Students explore knowledge beyond disciplinary boundaries by bringing differing perspectives and understandings into dialogue with one another and generating a beneficial level of intellectual rigor and excitement.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics

or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAASBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the social and cultural analysis program to understand the United States in a global context.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their

professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Because of the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations. Graduates of this program are prepared for graduate study and for careers in government, education, business and the nonprofit sector. Skills and knowledge acquired in the program enable graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- political action groups
- public relations firms
- social service agencies

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCAASBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in social and cultural analysis with a concentration in ethnicity, race and Indigenous studies combines transdisciplinary topics and methods for critical analysis of relationships among individuals, groups, institutions, governments, economies and environments.

The program enriches the study of individual racialized and Indigenous groups by drawing on theories, methods and pedagogies in ethnicity, race and Indigenous studies while engaging complementary fields of literature, history, sociology, oral history, sexuality, queer studies, social justice, and transnational and cultural studies. Coursework grounds students in a deep understanding of the particular historical, social, economic, cultural and political experiences of individual racialized groups as well as in an analysis of the relationships among them.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics

or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

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ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Ethnicity and race are at the core of culture, impacting everything from societal structure to religious norms. Studying abroad enables students to deepen their understanding of global ethnicities through firsthand experience. Students can explore the impact of culture, religion and law in the world's diverse ethnic environments.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication

skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Because of the program's emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in careers in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- Peace Corps
- political action groups
- research organizations
- social service agencies

Graduates of this program are also prepared with the skills and knowledge necessary for graduate work.

Contact information

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harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts degree program in social and cultural analysis with a concentration in Latin American studies provides a broad and vibrant framework for studying the diverse societies of Latin America, including diasporic communities. The program provides opportunities for cross-cultural study and takes a robust, transdisciplinary approach to the literature, film, history, politics and culture of both Latin America and Latinas and Latinos living in the United States.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCALABA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the social and cultural analysis program to learn firsthand about the culture, language and food of Latin America. When studying in a Latin American country, students are able to immerse themselves in the culture and gain a greater understanding of that country and its people.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of

Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Because of the program's emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- Peace Corps
- political action groups
- research organizations
- social service agencies

Graduates of this program are prepared with the skills and knowledge necessary for graduate work and for careers in= public service, education, business, humanitarian work, law or health care.

Contact information

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https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCALABA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts degree program in social and cultural analysis with a concentration in peace studies is a distinct, transdisciplinary offering that fosters a critical investigation of peace. It does so primarily, but not exclusively, through a humanities lens, and it provides an analysis of peace in connection with issues such as gender, ethnicity, race and religion.

Students learn many perspectives on peace and approaches to it, including theories and practices of peace-building, nonviolence, and conflict avoidance and resolution. The program builds on the expertise of faculty in the humanities and social sciences in fields such as history, linguistics, literature, ethics, philosophy, sociology, ethnic studies, and women and gender studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAPSBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the social and cultural analysis program to observe the impacts of peace and war on cultures and communities across the globe. Students deepen their understanding of global peace through exploration of the impact of culture, race, religion and law on peace-building.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural

competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

There is a growing concern for peace-building within social and political institutions. As a consequence, numerous jobs now exist in peace-related sectors. The program's emphasis on the social aspects of peace, diversity and identity provides graduates with an awareness of the needs of diverse populations and the discourses that help create a culture of peace.

Graduates have the skills and knowledge necessary for graduate work and for professional and personal advancement in education, writing, policy, law, cross-cultural communication and ethics. Their knowledge can be applied in careers in government, education, business and nonprofit organizations and in areas as diverse as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- the Peace Corps
- political action groups
- research organizations
- social service agencies

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCAPSBA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in social and cultural analysis with a concentration in queer and sexuality studies combines transdisciplinary topics and methods to critically analyze the function of ideologies of sexuality, the history and present conditions of sexual identity formation, structural inequalities and queer resistance to those same inequalities, and the diversity of LGBTQ+ communities.

Drawing from the premise that sex, gender and sexual orientation are both private experiences and profoundly political and public issues with important legal, social and cultural implications, the intellectual core of this program draws from theories, methods and pedagogies in queer theory and sexuality studies while engaging complementary fields of social justice, cultural studies, women's studies, gender studies, literature, history, sociology, psychology and transnational studies. Areas of emphasis include sexuality in culture, transnational queer studies, queer social movements and resistance, sexual fluidity, trans studies and critical heterosexualities.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a

rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAQSBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Stigmas against sexualities are being broken down and challenged in societies across the globe, and study abroad enables students in the social and cultural analysis program to deepen their understanding of LGBTQ+ treatment through firsthand experience.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Because of the emphasis on culture and identity, the program cultivates respect for and sensitivity to diverse populations, and its graduates are prepared with the skills and knowledge necessary for graduate work and for careers in areas as varied as:

civil rights organizations
colleges and universities
government agencies
libraries
museums
nonprofit organizations
the Peace Corps
political action groups
research organizations
social service agencies

Contact information

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602-543-3000

Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in social and cultural analysis with a concentration in women and gender studies offers students a transdisciplinary curriculum that focuses on the diverse experiences of women in national and international contexts. The program also examines the meaning of gender as a socially constructed category that shapes personal identities, beliefs, opportunities and behaviors.

The wide variety of classes explores the intersections of gender, race, class and sexuality; the institutional structures that have an impact on women's and men's lives; and the broad range of feminist theories that seek to explain and influence women's status in society. Areas of emphasis include gender and sexuality, critical race feminism, gender and the borderlands, transnational feminism, social activism and social movements, histories of feminism and critical embodiment studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

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ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the social and cultural analysis program to explore the impact of culture, race, religion and law on gender norms and equality across the globe.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Because of the program's emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in careers in areas as varied as:

civil rights organizations
colleges and universities
government agencies
libraries
museums
nonprofit organizations
the Peace Corps
political action groups
research organizations
social service agencies

Graduates are prepared for careers in advocacy, politics and community-facing corporate roles as well as for graduate study.

Contact information

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harcsadvising@asu.edu
602-543-3000

Sociology, BA (ASSOCBA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Sociology is the study of the organization and development of societies and the institutions within them. The sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups.

Students explore the theories, practices and policies underlying the issues of social change, inequality and diversity. The Bachelor of Arts program in sociology provides students with training in important research skills used to describe, interpret and evaluate evidence across diverse settings important in the economy.

In this flexible program, students have opportunities to work collaboratively with faculty on intellectual and policy

issues, and they develop the research skills necessary for the analysis of complex social issues.

The BA program requires a qualitative methods course, and the Bachelor of Science program requires a quantitative methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Data Science, MA

Global Management, MGM

Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the sociology program to enhance their understanding of societal structure and human interaction through a global lens.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology or social science, or in professional schools. They are able to apply the sociological perspective to a wide variety of jobs in:

- business and management
- the criminal justice system
- government
- health professions
- social services

Sociology coursework provides graduates with valuable preparation for careers in:

- journalism
- law
- nonprofit sector
- politics
- public administration
- public relations

These are all fields that involve investigative skills and an ability to work with diverse groups.

Graduates with an advanced degree in sociology may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocates
- research analysts
- statisticians
- survey researchers

- urban planners

Contact information
School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSOCBA/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Sociology, BS (ASSOCBS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

Sociology is the study of the organization and development of societies and the institutions within them.

The Bachelor of Science program in sociology helps students better understand the development, structure, interaction and collective behavior of organized groups. They explore the theories, practices and policies that underlie the issues of social change, inequality and diversity. Students are trained in the important research skills that are used to describe, interpret and evaluate evidence across diverse settings important in the economy.

In this flexible program, students have opportunities to work collaboratively with faculty on intellectual and policy issues, and they develop the research skills necessary for the analysis of complex social issues.

The BS program requires a quantitative methods course, and the Bachelor Arts of program requires a qualitative methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Data Science, MA

Global Management, MGM

Interdisciplinary Studies, MA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the sociology program to enhance their understanding of societal structure and human interaction through a global lens.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology or social science, or in professional schools. They are able to apply the sociological perspective to a wide variety of jobs in:

- business and management
- the criminal justice system
- government

- the health professions
- the nonprofit sector
- social services

The program provides graduates with valuable preparation for careers in:

- journalism
- politics
- public administration
- public relations

Graduates with an advanced degree in sociology and who have the investigative skills and the ability to work with diverse groups may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocates
- research analysts
- statisticians
- survey researchers
- urban planners

Contact information

School of Social and Behavioral Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSOCBS/undergrad/false/437
sbsadvising@asu.edu
602-543-3000

Spanish, BA (ASSPABA)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley

Program description

The Bachelor of Arts program in Spanish emphasizes language studies and examines the cultural production of Spanish-speaking communities.

This program provides students with the skills to confidently communicate in writing and orally. Students learn the history, arts, literature and cultures of Spanish-speaking countries.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSPABA~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad enables students in the Spanish program to enhance their understanding of the diversity of the world and the way in which knowledge of such diversity makes each person a better human being and citizen.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

The Spanish program offers excellent preparation for graduate school, specialized professional training, government careers, and commercial and international careers. Graduates are also prepared for employment as teachers in the elementary or secondary school system, especially in those districts where bilingual programs are integral to the curricula. In addition, graduates find employment as translators and interpreters in:

diplomatic corps
federal and state courts
law enforcement agencies
law firms
social agencies

Opportunities in the business world are also available to those fluent in Spanish. This is especially true in the American Southwest and through outlets opened by multinational trade agreements.

Contact information

School of Humanities, Arts, and Cultural Studies | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSPABA/undergrad/false/437
harcsadvising@asu.edu
602-543-3000

Statistics, BS (ASSTABS)

College/School: New College of Interdisciplinary Arts and Sciences

Campus: West Valley, Online

Program description

Almost every industry in the modern economy relies on the collection and analysis of data. The Bachelor of Science program in statistics prepares students to meet the demands of the ever-growing data analysis field and is a launching pad for a statistics-driven career.

Through innovative research, internships and other hands-on opportunities, students build a solid foundation of mathematics and computing, which helps them gain a thorough understanding of both theoretical and practical statistics.

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
OR MAT 265 Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biostatistics, MS

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/statistics-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSTABS~null&college=CAS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, students in the statistics program are able to tailor their experience to their unique interests and skill sets. Students in these programs build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Participation in a study abroad program provides students with the heightened cultural competency, and leadership and critical thinking skills that enhance their resumes and help them stand out in a competitive career field. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

Career opportunities

In the era of big data, there is great demand for individuals with all levels of statistical training. Graduates of this program have an understanding of the transdisciplinary nature of statistics. They are prepared for graduate study in statistics and related areas or for entry-level positions in a variety of fields, including business, government, the natural and social sciences, engineering, health care and more.

Statisticians are in high demand in many areas of industry, government and academia. Some areas with particularly high demand include:

- finance
- government policy
- manufacturing
- marketing
- media
- medical
- pharmaceutical
- research

Contact information

School of Mathematical and Natural Sciences | FAB N101
https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSTABS/undergrad/false/437
mnsadvising@asu.edu
602-543-3000

Journalism and Mass Communication, Walter Cronkite School of

Digital Audiences, BS (CSDIGABS)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix, Online

Program description
Virtually all companies and organizations seek professionals who know how to grow and engage audiences online. The Bachelor of Science program in digital audiences prepares students to reach audiences strategically with digital content and demonstrate measurable growth.

The program features high-value, hands-on courses in which students develop strategies and tactics to grow audiences through search engine optimization, search engine marketing, paid and organic social media campaigns, and digital content creation. Through elective courses, students develop additional expertise in areas such as management, audience data and media creation. Students may also pursue internships for credit.

Students graduate from the program ready to drive audience growth, execute digital marketing and advance businesses in the digital age.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information
When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-audiences-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSDIGABS~null&college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create an audience growth strategy using digital platforms.
- Use professional tools, technology, and techniques to measure audiences, content and behavior, and be prepared for analytics tasks in media careers.
- Use professional tools, technology, and techniques to evaluate effective, strategic social media campaigns and be prepared for paid and organic social media work in media careers.
- Use professional tools, technology, and techniques to evaluate effective, optimized content and campaigns for search engines, and be prepared for paid and organic search engine work in media careers.

Global opportunities

Global experience: Study abroad programs expose students to valuable perspectives, opinions and audiences that consume digital content. Students should consider global programs that connect experiential learning with skills and insights in social media, content creation, media production, marketing and media strategy. More information on available programs can be found on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Professionals with expertise in digital content strategy are in high demand across sectors and industries. Many career opportunities are available, including these positions:

- community organizer
- corporate branding specialist
- digital marketer
- digital news editor
- digital strategist
- engagement manager
- political campaign strategist
- public relations specialist

- social media manager

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
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602-496-5055

Digital Media Literacy, BA (CSDMLBA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Online

Program description

Organizations of all sizes, public and private, are learning to cope with unprecedented changes in how people interact with and use information. The Bachelor of Arts program in digital media literacy prepares students to be at the forefront of the important strategic and ethical issues related to digital media, including automation, verification, security and privacy.

Students learn to use advanced tools and tactics to analyze the context of the media that people consume. They verify and interpret information to make decisions that improve their own lives and benefit the larger society.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-media-literacy/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSDMLBA~null&college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate the accuracy and credibility of digital media sources and information.
- Participate in digital media networks actively, safely, and ethically.
- Evaluate the potential global impacts of future developments within information ecosystems.
- Evaluate the role of communication in a free society.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, digital media literacy students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S., or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates pursue a variety of professional and educational opportunities. The program's liberal arts foundation --- including critical thinking, communication, research and problem-solving --- gives students the intellectual agility to thrive in many fields. Specialization in the technical, ethical, legal, social and economic aspects of digital media is especially valuable, as employers of all sizes try to leverage digital media in serving consumers.

As organizations try to keep up with digital transformation and plan for the future, having a deep understanding of how digital ecosystems work is critical. Demand for graduates of digital media literacy in fields such as health care communication, public service and sustainability is anticipated to rise, and the U.S. Department of Labor categorizes many jobs in these areas as having a bright outlook in the job market.

Given increasing emphasis on teaching media literacy at every age level, graduates can expect to find employment opportunities in a variety of educational settings. Some may pursue graduate school in disciplines such as education, library science, law, public policy, business, public relations, digital strategy and journalism.

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
cronkiteadvising@asu.edu
602-496-5055

Journalism and Mass Communication, BA (CSJMCBA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix

Program description

The Bachelor of Arts program in journalism and mass communication at the nation's premier media school is a highly professional, hands-on degree program that prepares students for careers in mass communication.

Through access to a world-class faculty of journalists, communicators and scholars, and with prestigious internships and immersive learning opportunities, undergraduate students learn the values and principles at the core of media professions. In doing so, they master the highly specialized, practical skills needed for success in today's digital world.

Areas of study include digital media, broadcast news, innovation and entrepreneurship, audience engagement, social media, investigative reporting, public relations and Spanish-language media. The Cronkite School's full-immersion capstone programs afford students the opportunity to gain experience in activities such as reporting the evening news on Arizona PBS and creating digital advertising campaigns.

High-performing students can apply to the school's accelerated master's degree program (https://cronkite.asu.edu/accelerated-masters-degrees/), which allows for the completion of both a bachelor's and master's degree in as little as four years. They also can become part of ASU's Barrett, The Honors College (https://barretthonors.asu.edu/).

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: Any MAT course that satisfies the math requirement
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sports Journalism, MA

Investigative Journalism, MA

Digital Audience Strategy, MS

Mass Communication, MMC

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
English proficiency requirements (https://admission.asu.edu/apply/international/undergrad/english-proficiency) for international student admission:

• TOEFL iBT: minimum score of 100 (internet-based test, taken in a testing center) or
• IELTS: minimum score of 7.0 or
• Pearson Test of English: minimum score of 73 or
• Duolingo English test: minimum score of 120 or
• Cambridge English exam: minimum score of 185

Transfer admission requirements: Transfer students (classified as those with 12 or more transfer credit hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies.

Transfer students with 24 or more transferable credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher.

Transfer students should contact the school for additional steps after admission to ASU.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

ASU students who would like to change their major to journalism and mass communication must have a minimum cumulative GPA of 2.50 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective general studies requirements. The course MCO 120 Media and Society, an introductory course for nonmajors, may count in place of JMC 110 Principles and History of Journalism.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSJMCBA~null&college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply the principles of journalism, such as accuracy, fairness, timeliness, diversity and privacy, to their course requirements.
- Use the tools, technology, and techniques for content creation that adheres to accepted journalistic standards and practices, and prepares them for careers in media and communication.
- Create portfolios, which measure their integration of knowledge through tangible products in digital, social, audio, and video stories to demonstrate to potential employers their professional readiness.
- Understand and apply ethical, diversity, and legal standards relevant to the journalism industry and create culturally proficient communication.

Global opportunities

Global experience: As the world grows more connected, an understanding of other cultures and places is imperative. Study abroad programs (https://goglobal.asu.edu/) expose students to diverse opinions, new and challenging situations, and opportunities to explore a new country.

Journalism students are offered highly specialized programs that provide the classes and experiences they need, whether covering the Olympics or spending an entire semester abroad. An international experience on a resume can help a candidate stand out in a competitive field.

Career opportunities

Graduates are prepared for careers in media and beyond, thanks to the hands-on training they receive in professional, immersive experiences in newsrooms, agencies and content labs.

Popular career areas include:

- brand storytelling
- corporate and business communication
- digital marketing
- digital media content creation
- local, national or international news reporting
- news
- public relations
- radio and podcasting
- social media
- videography and photography

Graduates are competitive candidates for many roles, including:

- audience engagement specialist
- copy editor
- director
- magazine writer
- news anchor
- news reporter
- producer
- radio and podcast host
- videographer

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
attendcronkite@asu.edu
602-496-5055

Mass Communication and Media Studies, BA (CSMCMSTBA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix, Online

Program description
The Bachelor of Arts program in mass communication and media studies gives students a deep and nuanced understanding of the growing importance, power and influence of media around the world.

The program explores global mass communication issues from all dimensions: societal, cultural, historical, political, economic, technological and legal. Students learn how to critically analyze media, from news to sports to popular culture, and apply that understanding to the world around them.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
OR any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information
When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements
A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online
ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-mass-communication-and-media-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSMCMSTBA~null&college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate the changing nature of media in the world from societal, cultural, historical, political, economic, technological, and legal dimensions.
- Evaluate the accuracy and credibility of media sources and information and media's impact on society.
- Evaluate media products, tools, digital platforms, and social networks and the digital audiences that comprise these platforms and networks.

Global opportunities

Global experience: As the world grows more connected, an understanding of other cultures and places is imperative. Studying abroad (https://goglobal.asu.edu/) helps students grasp how different cultures and media actors interact and influence audiences. Practical experience in programs that observe and analyze international media, news culture and journalism prepares students for careers that require the ability to articulate well and use knowledge of multicultural communication styles.

Career opportunities

A sophisticated understanding of mass communication is a critical asset for careers in business and government, and in the community and nonprofit sectors. Graduates have varied career opportunities, such as with:

- communications firms
- education institutions
- government entities
- political parties
- professional organizations
- publishing companies

Graduates also are prepared to pursue graduate studies in fields such as law, medicine, the arts, education and journalism.

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
cronkiteadvising@asu.edu
602-496-5055

Sports Journalism, BA (CSSPJBA)

College/School: Walter Cronkite School of Journalism and Mass Comm

Campus: Downtown Phoenix

Program description

Sports media is one of the fastest-growing sectors of the media industry, with continued growth across multimedia outlets; broadcast and cable channels and networks; radio and podcasting; and team, league and conference media platforms.

The Bachelor of Arts program in sports journalism gives students unparalleled preparation for careers in sports media and communications through courses such as sports writing, sports photography, sports strategic communications, broadcast sports reporting, live sports production, play-by-play, and sports marketing and campaigns.

Sports journalism students complete a variety of professional experiences. Internship partners include professional sports teams such as the Diamondbacks and the Suns; Arizona State University athletics; local, regional and national sports media outlets such as ESPN and Fox Sports; and more. Sports journalism students also participate in the school's semester-long immersive learning experiences, working with sports clients in the Cronkite Agency, or reporting from sports bureaus in Phoenix and Los Angeles, where they cover teams and events in the NFL, MLB, NBA, WNBA, NHL, NASCAR, PGA, LPGA and Division I athletics.

High-performing students can apply to the school's accelerated bachelor's degree and master's degree program (https://cronkite.asu.edu/accelerated-masters-degrees/), which allows for the completion of both degrees in as little as four years. They also can become part of ASU's Barrett, The Honors College (https://barretthonors.asu.edu/).

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: Any MAT course that satisfies the math requirement
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mass Communication, MMC

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
English proficiency requirements (https://admission.asu.edu/apply/international/undergrad/english-proficiency) for international student admission:

• TOEFL iBT: minimum score of 100 (internet-based test, taken in a testing center) or
• IELTS: minimum score of 7.0 or
• Pearson Test of English: minimum score of 73 or
• Duolingo English test: minimum score of 120 or
• Cambridge English exam: minimum score of 185

Transfer admission requirements: Transfer students with 12 or more transfer credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies. Transfer students should contact the school for additional steps after admission to ASU.

Transfer students with 24 or more transferable credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher. Transfer students should contact the school for additional steps after admission to ASU.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

ASU students who would like to change their major to sports journalism must have at least a cumulative GPA of 2.50 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective general studies requirements. MCO 120, an introductory course for nonmajors, may count in place of JMC 110.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSSPJBA~null&college=CCS) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply the principles of journalism, such as accuracy, fairness, timeliness, diversity and privacy, to their course requirements.
- Create portfolios, which measure their integration of knowledge through tangible products in digital, social, audio, and video stories to demonstrate to potential employers their professional readiness.
- Understand and apply ethical, diversity, and legal standards relevant to the journalism industry and create culturally proficient communication.
- Use the tools, technology, and techniques for content creation that adheres to accepted journalistic standards and practices, and prepares them for careers in sports media and communication.

Global opportunities

Global experience: Sports and sports fans create one of the most globalized industries that unite cultures through passion for a favorite team, athlete or game. Study abroad programs (https://goglobal.asu.edu/) shed light on how amazing stories of sport, triumph and defeat connect us all. Students apply practical skills and learn about international sports firsthand by covering regional teams or large-scale sporting events such as the Olympics.

Career opportunities

Graduates are prepared for careers across media (including digital, TV, video and audio) and athletics (teams, leagues, agencies and sports news organizations). They go on to pursue positions across sports media, including:

- marketer
- multimedia specialist
- producer
- reporter
- social media manager
- sports writer
- strategic communication and PR project coordinator
- team content creator
- television anchor

Contact information

Walter Cronkite School of Journalism and Mass Comm | CRONK 222
https://cronkite.asu.edu/
attendcronkite@asu.edu
602-496-5055

Liberal Arts and Sciences, The College of

Actuarial Science, BS (LAACTBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Students in the Bachelor of Science program in actuarial science combine tools from mathematics, statistics and finance for risk analysis and management, resulting in improved forecasting and decision-making.

The program's core classes prepare students for the required professional actuarial credentialing exams offered by the Society of Actuaries and the Casualty Actuarial Society. The school also offers reimbursements upon completion for the cost of taking these exams. The actuarial science program has a strong partnership with the local insurance industry, leading to many internship and scholarship opportunities for students.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Actuarial Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students who wish to change their major to actuarial science should have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"), have completed at least MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I and CIS 105 Computer Applications and Information Technology (or CSE 100 or CSE 110), and have earned a grade of "B" or higher in all critical classes they have already completed.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAACTBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify the proper mathematical and statistical theories that may be applied to analyze actuarial data and draw analytical conclusions in a professional environment.
- Use mathematical theories to demonstrate mastery of analytical decision making based on both qualitative and quantitative data.
- Use statistical theories to demonstrate mastery of analytical decision making based on both qualitative and quantitative data.

Global opportunities

Global experience: Study abroad students are able to enhance their resumes with the heightened cultural competence, and leadership and critical thinking skills they acquire through this valuable experience.

Each of the more than 300 Global Education program options (https://goglobal.asu.edu/), whether in a foreign country, in the U.S. or online, provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment. Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences around the world, and enhance their ability to work with diverse groups of people.

Career opportunities

Actuary is consistently ranked as one of the best jobs in America. It offers a high income in a low-stress environment, with excellent job security, growth opportunities and work--life balance.

Risk is a part of daily life, and wherever there is risk, there are opportunities for actuarial approaches. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to protect an organization's financial health, and ensure that organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants.

Graduates with a BS in actuarial science have skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy and environmental companies
- financial services
- government agencies
- insurance companies
- retirement and pension companies
- transportation companies

Professional licensure
ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information
School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

African and African American Studies, BA (LAAFRBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description
The African and African American studies program at ASU has assembled a dynamic faculty engaged in investigating the riveting complexities of Africa.

Trained in a variety of disciplines that include anthropology, health, history, journalism, literature, sociology, political science and women's studies, the faculty guide students as they examine a wide array of critical issues facing African-descended peoples across the stages of life at various times and places in history.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/african-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAFRBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct independent research exploring critical issues in and to the African diaspora.
- Apply digital literacy skills to present their research in the field.
- Analyze the ways in which race intersects with other social locations in shaping ideology, as well as social, political and cultural institutions.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) enable students to experience a very different cultural environment. Learning to adapt can be challenging at first, but rewarding by the end of the adventure. Students learn to grow outside of their comfort zone as they learn more about the world, and they may even change the way they think about and perceive others.

The College of Liberal Arts and Sciences recommends specific study abroad programs (https://goglobal.asu.edu/students/major/sst/african-african-american-studies) for students majoring in African and African American studies.

Career opportunities

Through its emphasis on various social aspects and groups, the African and African American studies program provides graduates with practical applications useful for various workplaces. Through the program, graduates develop cultural sensitivity and are prepared for careers in:

- administration
- advertising
- business
- counseling
- education
- health care
- human resources
- international relations
- journalism
- justice
- law

Graduates are prepared for work in many arenas, including:

- business --- corporations, hotel chains, public relations firms, sales departments, the insurance industry, travel agencies
- civic --- civil rights organizations, nonprofit organizations, social service agencies, the Peace Corps
- education --- colleges and universities, museums, research organizations
- government --- law firms, political action groups

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

American Indian Studies, BS (LAAISBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in American Indian studies offers a comprehensive exploration of the laws and policies, histories and cultures of Indigenous peoples in North America. This interdisciplinary program combines insights from anthropology, history, sociology and cultural studies to provide a deep understanding of Indigenous experiences and perspectives.

Students engage in critical analysis of topics such as tribal sovereignty, cultural resilience and social justice while prioritizing Indigenous knowledge. The curriculum includes hands-on learning opportunities, community engagement and collaboration with Indigenous organizations.

This degree fosters a commitment to social justice and cultural awareness, empowering students to become informed allies and advocates for Indigenous rights.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

American Indian Studies (Tribal Leadership and Governance), MS

American Indian Studies (Indigenous Rights and Social Justice), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAISBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Critically analyze a historical and contemporary issue related to American Indian nations & American Indian populations.
- Evaluate how sovereign powers are exerted through policy, law, and action by American Indian nations.
- Conduct research in the histories, cultures, political issues, or contemporary experiences of Indigenous peoples, utilizing interdisciplinary approaches from fields like anthropology, history, sociology, political science, and literature.

Global opportunities

Global experience: Through study abroad, students can connect with Indigenous cultures around the world and expand the lens through which they view North American Indigenous populations. They can learn alongside peers from other countries and develop professional skills that include teamwork and cross-cultural communication. Students can stay on track academically by completing courses while they are in one of more than 300 Global Education programs (https://goglobal.asu.edu/).

Career opportunities

There is a positive career outlook for graduates with a BS in American Indian studies, with diverse employment opportunities across various fields. Graduates are equipped with essential skills in research, critical thinking and communication, preparing them for careers in education, social work, public policy, law, cultural resource management, museums and advocacy. They are well-equipped to work with Indigenous communities and nations, focusing on issues like sovereignty, social justice and cultural resurgence. Additionally, many find roles in non-profit organizations, governmental agencies and research institutions, addressing contemporary challenges Indigenous peoples confront. As awareness and appreciation for Indigenous perspectives continue to grow, demand for skilled professionals in these areas is expected to increase, offering a wide variety of fulfilling career paths.

Contact information

American Indian Studies Program | DISCVRY 356
https://americanindian.asu.edu/degree/undergraduate/american-indian-studies-bs
AIS@asu.edu
480-965-3634

American Studies, BA (LAAMRSTBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts in American studies bridges multiple disciplinary approaches to explore the diverse cultures, global impact, social systems, gendered experiences, socioeconomic realities and political thought of the United States. The field of American studies centers an understanding of diversity in U.S. society; understanding of how the U.S. national community represents and imagines itself; understanding of how this resonates globally; and understanding

the role of social movements seeking to achieve political, legal and economic change.

The program trains students in the history and trajectory of the field of American studies; explorations of racial literacy, gender, sexuality and socioeconomic experiences grounded in historical contexts that help in understanding contemporary U.S. populations; critical methodologies, including how alternative voices are key in research, politics and policy, and social justice work; applied research methods, particularly those that involve community involvement and engagement; and the use of storytelling and narratives to represent diverse communities and facilitate broader understanding across groups.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAMRSTBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, American studies students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared for careers in policy, education and teaching, urban planning, sustainability, sociopolitical movements, environmental impacts, advocacy, nonprofit organizations, government, journalism, law and justice, public safety and health. This degree program is also well suited for pairing with other professional degrees that prepare students for these careers.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Anthropology, BA (LAASBBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Anthropology is the study of what it means to be human, in the broadest possible terms.

The Bachelor of Arts program in anthropology helps students recognize and solve problems facing the contemporary world through a broad understanding of humanity. Working alongside leading faculty members, students gain experience as apprentices on research projects. Students also have opportunities for hands-on learning through study abroad programs and field schools.

This interdisciplinary program offers training in the main areas of anthropology, including archaeology, bioarchaeology, sociocultural anthropology and evolutionary anthropology.

Students enrolled in this program may not pursue a concurrent Bachelor of Science in anthropology or BA in global health, but they may add a minor in global health to complement the core curriculum. The BA in anthropology is primarily for those whose interests lie in society, culture and archaeology, while the BS is primarily taken by students interested in science and mathematics-based courses.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Health, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-anthropology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASBBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad can be crucial in helping students gain a clearer view of the world, its peoples and the complex challenges that exist for all. There are numerous faculty-directed study abroad programs designed to connect students with issues that impact local communities yet transect boarders. Whether studying environmental health issues in Australia or investigating ancient cultures in France, students can see the world and gain hands-on experience

to prepare for a future-focused career through Global Education programs (https://goglobal.asu.edu/). The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/students/major/anthropology) for students majoring in anthropology.

Career opportunities

Graduates have the knowledge and skills they need to find jobs in fields where understanding complex human behavior is important.

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret complex problems and work effectively across cultures and languages. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, the hallmarks of anthropology.

Career opportunities include:

- acting as legal advocates for displaced communities like refugees in international cases
- analyzing and proposing policies
- conducting postgraduate academic research or teaching
- consulting for private and public organizations
- curating cultural resources
- health system administration or health care professionals
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- planning pandemic and other disaster response

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/
shesc.undergrad@asu.edu
480-965-6215

Anthropology, BS (LAASBBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

This Bachelor of Science program in anthropology provides data collection, analysis and research design training within the scientific approaches to anthropology.

Students learn how to use the scientific method to formulate and test hypotheses and how to gather data through methods such as field surveys, excavation and measurement. They also learn to employ statistics to analyze and extract meaning from data. Through broad anthropological coursework, students learn to ask important questions about the human species and gain the tools to answer them.

This interdisciplinary program offers training in the main areas of anthropology, including archaeology, bioarchaeology, sociocultural anthropology and evolutionary anthropology.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit

The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Health, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-anthropology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASBBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad can be crucial in helping students gain a clearer view of the world, its peoples and the complex challenges that exist for all. There are numerous faculty-directed study abroad programs designed to connect students with complex issues that impact local communities yet transect boarders. Whether studying environmental health issues in Australia or investigating ancient cultures in France, students can see the world and gain hands-on experience to prepare for a future-focused career through Global Education programs (https://goglobal.asu.edu/). The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/students/major/anthropology) for students majoring in anthropology.

Career opportunities

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in scientific modes of anthropology increasingly are sought for the combination of broad, holistic knowledge and perspective, and technical skills.

Career opportunities include:

- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for large and small private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- forensics
- genetics and other laboratory-based positions
- managing cultural resources in public and private sectors
- modeling infectious diseases
- providing health care as nurses, doctors or public health professionals
- teaching

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/
shesc.undergrad@asu.edu
480-965-6215

Asia Studies (East Asia), BA (LAHSTEABA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Interested students should apply to the Global Asia Studies BA program.

Program description

The Bachelor of Arts program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent concentration of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools that enable them to address contemporary political, social and cultural issues in Asia and apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration in East Asia includes coursework on China, Japan, Korea and Taiwan.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTEABA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students have the opportunity to immerse themselves in the cultures they are studying through Global Education programs (https://goglobal.asu.edu/). In programs available throughout East Asia, students can deepen their understanding of East Asian history and culture, and the heightened cultural competency, adaptability, and critical thinking and communication skills they acquire enhance their resumes.

The College of Liberal Arts and Sciences recommends the following study abroad programs (https://goglobal.asu.edu/asia-studies-ba) for students majoring in Asia studies with a concentration in East Asia.

Career opportunities

People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade and international organizations
- food security
- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military studies
- technology transfer
- transportation and tourism

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/

SHPRSadvising@asu.edu
480-965-8364

Asia Studies (South Asia), BA (LAHSTSABA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Interested students should apply to the Global Asia Studies BA program.

Program description

The Bachelor of Arts program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines.

The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and enables them to apply valuable knowledge in various academic and practical settings.

The Asia studies degree program with a concentration in South Asia includes coursework covering Bangladesh, India, Pakistan and other South Asian states and societies.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSABA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students have the opportunity to immerse themselves in the very cultures they are studying through Global Education programs (https://goglobal.asu.edu/). In programs available throughout Southern Asia, students can deepen their understanding of South Asian history, religion and culture while enhancing their resumes with the heightened cultural competency, adaptability, and critical thinking and communication skills they acquire through the experience.

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/asia-studies-ba) for students majoring in Asia studies with a concentration in South Asia.

Career opportunities

People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade, and international organizations
- food security

- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military
- technology transfer
- transportation and tourism

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Asia Studies (Southeast Asia), BA (LAHSTSEABA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in this program should apply to the Global Asia Studies BA program.

Program description

The Bachelor of Arts program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration in Southeast Asia includes coursework that covers:

• Brunei
• Burma/Myanmar
• Cambodia
• East Timor
• Indonesia
• Laos
• Malaysia
• the Philippines
• Singapore
• Thailand
• Vietnam

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSEABA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students have the opportunity to immerse themselves in the very cultures they are studying through Global Education programs (https://goglobal.asu.edu/) available throughout Southeast Asia. They can deepen their understanding of Southeast Asian history, philosophy and culture; and the heightened cultural competency, adaptability, critical thinking and communication skills they acquire through study abroad enhance their resumes.

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/asia-studies-ba) for students majoring in Asia studies with a concentration in Southeast Asia.

Career opportunities

People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade and international organizations
- food security
- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military studies
- technology transfer
- transportation and tourism

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Asian Languages (Chinese), BA (LACHIBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in Asian languages with a concentration in Chinese emphasizes proficiency in reading, writing and speaking modern Mandarin, as well as in reading classical Chinese.

Students gain an in-depth understanding of the fundamentals of the rich Chinese cultural tradition, centered on primary Chinese texts from the literary, intellectual and religious cultures of Chinese-speaking societies.

Students interested in learning Chinese are encouraged to inquire about the Chinese Flagship Language program (https://silc.asu.edu/chineseflagship). All students with higher levels of linguistic competency may enroll in targeted courses offered as part of the Chinese flagship track.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in

pursuing concurrent degrees or a second baccalaureate degree in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/) for more information.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHIBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Effectively communicate orally and in writing in Mandarin Chinese at the mid-to-high Intermediate level standards according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.
- Situate major literary Chinese works in their historical contexts and make textual analysis with critical depth.
- Create an independent research project in the areas of Chinese language and cultural production.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) is vital when learning the Chinese language. Immersing oneself in the second-most-spoken language in the world adds value to the degree, and having a thorough understanding of Chinese cultural elements prepares graduates to take off in an exciting multicultural career with valuable skills that employers seek, such as heightened cultural competence and enhanced adaptability, critical thinking and communication skills.

Career opportunities

Knowledge of multiple languages and intercultural competencies enhances any occupation and offers graduates many career opportunities. Language-intensive professions include:

- foreign correspondent
- foreign media professional
- foreign service officer
- international banking and finance professional
- language, literature or culture teacher
- law and immigration professional
- multilingual administrative professional
- translator or interpreter
- travel professional

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/asian-languages-chinese-ba
silcadvising@asu.edu
480-965-6281

Asian Languages (Japanese), BA (LAJPNBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Students in the Bachelor of Arts program in Asian languages with a concentration in Japanese study the language, literature and culture of Japan. They gain a respectable measure of competence in reading and writing Japanese, and they acquire oral and aural skills in the language. Students also gain linguistic and cultural competence through the required study of classical Japanese.

In addition, ASU offers summer or yearlong programs to study abroad (https://goglobal.asu.edu/) in Japan.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJPNBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Effectively communicate both orally and in writing in Japanese at a level equivalent to the Intermediate High level described in the ACTFL Proficiency Guidelines.
- Conduct a research project in the areas of language and/or cultural production.
- Analyze the historical and cultural development of the Japanese language by drawing connections between contemporary Japanese and earlier forms of the language through in-class translation assignments and course projects.

Global opportunities

Global experience: Study abroad programs are vital (https://goglobal.asu.edu/) when learning the Japanese language. Immersing oneself in the language and culture adds value to the degree and prepares students to take off in an exciting, multicultural career with valuable skills that employers seek, such as heightened cultural competence, adaptability, and critical thinking and communication skills.

Career opportunities

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive professions include:

- foreign correspondent
- foreign media professional
- foreign service officer
- intelligence officer
- international banking and finance professional
- language, literature or culture teacher
- law and immigration professional
- multilingual administrative professional
- translator or interpreter
- travel professional

Relevant career fields and occupations include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- intelligence
- international education and study abroad administration
- international law
- lifestyle management
- public relations
- technology industries

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/asian-languages-japanese-ba
silcadvising@asu.edu
480-965-6281

Asian Pacific American Studies, BA (LAAPABA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts in Asian Pacific American studies prepares students to engage and transform their communities.

Asian American, Native Hawaiian and Pacific Islander communities engage in multiracial and multiethnic coalition-building through resistance, colonization and military occupation, exploited labor, Indigenous sovereignty, environmental justice, migration, multiracial identities, activism, creative resistance, and diverse genders and sexualities. These diverse AAPI experiences provide key insights about global processes that inform current issues and how AAPI communities have responded within local contexts.

Students may apply the interdisciplinary knowledge and skills they learn in this program to an optional internship working with local communities in culturally relevant ways that are productive and empowering.

Asian Pacific American studies emphasizes community-engaged research methods, local community collaboration and independent research for the development of transferable skills applicable to professional careers, civic engagement and world-making. The program applies a pedagogy of care and creative options that promote student learning and success.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Social and Cultural Pedagogy, MA

American Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAPABA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze a historical or contemporary issue affecting the AAPI community.
- Ability to critically discuss and analyze Asian American and Pacific Islander experiences and communities within local, national and global contexts.
- Demonstrate an understanding of the history of Asian American and Pacific Islander communities in the U.S. through an internship or a research project under the supervision of an ASU faculty member.

Global opportunities

Global experience: Students in the Asian Pacific American studies program are able to enhance their education by studying abroad.

With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them in more than 65 countries, including many countries in Asia, students can improve their language skills, gain firsthand experience in their field of study, and experience new and unique cultures. Students gain a new perspective on international affairs, dispel stereotypes and improve their cultural competency.

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/students/major/sst/asian-pacific-american-studies) for students majoring in Asian Pacific American studies.

Career opportunities

Graduates who complete the BA program in Asian Pacific American studies possess skills relevant for any career, professional degree or graduate school. Training from this program also complements work in positions involving:

- business
- community organizations
- creative arts
- education
- health
- immigration
- journalism
- law
- social work

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Astronomical and Planetary Sciences, BS (LAASTPLSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The online Bachelor of Science program in astronomical and planetary sciences provides broad training in the scientific foundations required to understand and communicate the fundamentals of space exploration and ongoing advances in the field.

The degree program includes groundwork in mathematics and physical sciences, topical courses focused on diverse fields within astronomy and planetary science, and exposure to the engineering and computational tools and techniques used to carry out research.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus or higher
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/astronomy-bachelors/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASTPLSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply astronomical concepts and principles of physical science to articulate, discuss and explicate core disciplinary concepts in astronomy and planetary sciences.
- Solve quantitative problems and test hypotheses with astronomical data utilizing modern computing methods.
- Communicate astronomical and planetary science concepts.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, astronomical and planetary sciences students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates pursue careers in fields that value the quantitative and technical skills taught as part of an astronomy education. These include K--12 STEM teaching positions, science and technology journalism and writing careers, technical careers involving statistical data analysis or computer programming, and technical positions supporting space and research industry and policy.

Career opportunities include:

- analytical lab technician
- astronomer
- data analyst
- instrumentation specialist
- museum director
- planetary scientist
- research scientist
- science teacher
- science writer
- telescope operator

Career settings include:

- aerospace industry organizations
- educational institutions
- federal, state and local government agencies
- manufacturing centers
- museums and planetariums
- NASA facilities
- national laboratories
- National Science Foundation facilities
- observatories

- space industry organizations

For more information, students can visit the career opportunities page on the School of Earth and Space Exploration website.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/degree/undergraduate/astronomical-and-planetary-sciences-bs
SESE-online@asu.edu
480-965-5081

Biochemistry, BA (LABCHBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Arts program in biochemistry imparts a foundational understanding of basic chemistry, biomolecular chemistry, cellular function, and liberal arts and languages. The program encourages students to explore biochemistry-related questions and challenges, honing their analytical thinking and problem-solving skills. By integrating liberal arts and language courses with physical sciences, the program enables students to develop a holistic perspective.

The curriculum encompasses traditional coursework, featuring lectures and laboratory sessions that equip students with both theoretical knowledge and practical laboratory skills. Students are encouraged to join faculty research groups, enabling hands-on participation in ongoing scientific investigations. Flexibility in the program structure accommodates individual goals, including the pursuit of dual degrees or specific interests.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Students may complete MAT 270 Calculus with Analytic Geometry I or MAT 265 Calculus for Engineers I in lieu of MAT 251 Calculus for Life Sciences.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/biochemistry-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: When studying abroad (https://goglobal.asu.edu/), students gain valuable experience in a diverse set of programs. Students earn ASU credit for completed courses, while staying on track for graduation.

With their resumes enhanced by the heightened skills in communication, critical thinking and leadership they acquired through the study abroad experiences, graduates stand out competitively in their chosen fields.

Career opportunities

Graduates of this program are prepared for careers in a variety of fields, such as medicine and health, chemical and biotechnology industry, pharmaceuticals, environmental and food science, food production, environmental protection, scientific sales and marketing, and other forms of public service, such as policymaking and teaching, patent law and many other technical areas.

Those with a BA in biochemistry also are well prepared to apply to medical, dental and pharmacy schools, and other graduate programs.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
smsadvising@asu.edu
480-965-7667

Biochemistry, BS (LABCHBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Science program in biochemistry equips students with a solid foundation in basic chemistry, biomolecule properties and functions, and cellular mechanisms. The program encourages critical inquiry and problem-solving, preparing students to address complex biochemistry-related challenges.

Through laboratory work, students gain hands-on experience and hone experimental techniques and data analysis skills. Students are encouraged to engage with faculty research groups and labs, providing valuable exposure to ongoing scientific investigation.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
or MAT 265 Calculus for Engineers I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biochemistry (Medicinal Chemistry), MS

Computational Life Sciences, MS

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-biochemistry/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students who participate in Global Education programs (https://goglobal.asu.edu/) gain valuable experience in a diverse set of programs in other countries. The study abroad experience helps students deepen their understanding of biochemical processes and enhance their knowledge of research methods used across the globe.

With their resumes enhanced by the heightened skills in communication, critical thinking and leadership they acquired through the study abroad experience, graduates stand out in their competitive fields.

Career opportunities

A BS degree in biochemistry is an excellent choice for those pursuing careers in medicine and health, chemical and biotechnology industries, drug design and pharmaceuticals, new sources of energy and materials, research, government laboratories, environmental and food science, teaching and many other technical areas.

The program provides the necessary training for competitive applications to medical, dental, pharmacy and other health-related graduate schools, and to advanced graduate research degree programs in biochemistry.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
SMSadvising@asu.edu
480-965-7667

Biochemistry (Medicinal Chemistry), BS (LABCHMBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Students in the Bachelor of Science program in biochemistry with a concentration in medicinal chemistry gain in-depth understanding of basic chemistry, biomolecular properties and function, and mechanisms that govern cellular function. They develop the knowledge required to apply chemical and biochemical principles to drug design and functionality, with a specific focus on medicinal chemistry.

The curriculum comprises traditional coursework with a concentration in medicinal chemistry, combining lectures and laboratory sessions to provide a strong foundation in chemistry and biology. The program emphasizes the application of chemical and biochemical thinking to the design and mechanisms of medicines.

Students are encouraged to participate in faculty research groups and labs, which offer hands-on research experiences in the field of medicinal chemistry.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biochemistry (Medicinal Chemistry), MS

Computational Life Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/medicinal-chemistry/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHMBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options provides an opportunity for students to develop a valuable skill set that can give them an advantage in career and personal enrichment. Studying abroad helps students build cultural competency skills as well as heightened skills in communication, critical thinking and leadership that enable them to stand out on their graduate school applications.

Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and increase their ability to work with diverse groups of people. Students earn ASU credit for completed courses while they stay on track for graduation.

Career opportunities

A solid undergraduate education in biochemistry with an emphasis in medicinal chemistry provides the necessary background for career paths in chemical, medical, pharmaceutical and biotechnology industries and for careers in governmental regulation, health care, research and other areas.

This degree program is ideal for those who wish to make their applications to medical school more competitive. The program provides excellent preparation for advanced graduate study in biochemistry, pharmaceutics, pharmacology and toxicology, as well as for careers in drug design and pharmaceuticals, medicine and health, research, food production, environmental protection and several other technical fields.

Those who are planning careers in medicine, dentistry, pharmacy, veterinary medicine or research in these or related fields also often pursue the medicinal chemistry concentration with supporting work in biology and chemistry as the route for preprofessional training.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
SMSadvising@asu.edu
480-965-7667

Biological Sciences, BS (LABSCBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Bachelor of Science program in biological sciences, students discover the basic organization and processes of life, from molecules to ecosystems. They investigate how hereditary information is transferred, how organisms evolve, and the interplay of organisms and their environment.

Students can opt for the BS in biological sciences with no concentration, or they can choose one of five concentrations:

- biology and society
- biomedical sciences
- conservation biology and ecology
- genetics, cell and developmental biology
- neurobiology, physiology and behavior

The general degree allows students to take core courses in multiple disciplines and have the flexibility to focus on their areas of interest.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Microbiology, MS

Biology, MS

Global Management (Global Development and Innovation), MGM

Biology (Biology and Society), MS

Global Management (Global Business), MGM

Molecular and Cellular Biology, MS

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Computational Life Sciences, MS

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
Demonstrate preparedness for graduate/professional degree programs and/or employment.

Global opportunities

Global experience: Professional health education is competitive. Less than 50% of students who apply to medical schools are admitted; the numbers vary for other health-related fields. Medical and professional school admission officers increasingly focus on students with dedication to community service, so engaging in community activities and research abroad helps any student who intends to pursue a health career to create a diverse, accomplished portfolio that can give them an advantage over the competition.

Study abroad students experience distinct biological environments and gain an understanding of worldwide differences in the human condition. Global Education programs (https://goglobal.asu.edu/) enable students to develop a valuable skill set by exposing them to different health environments and expanding their knowledge of culturally specific health approaches.

The College of Liberal Arts and Sciences recommends these programs for students majoring in biological sciences. (https://goglobal.asu.edu/students/major/biological-sciences)

Career opportunities

Graduates have an excellent foundation for advanced research and graduate study in biological sciences, health sciences, law and other graduate-level and professional programs, including dentistry, medicine, pharmacy and veterinary medicine.

Graduates are also well prepared for direct entry into their choice of many career fields, including biotechnology, education, government and industry.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/biological-sciences-bs
sols.advising@asu.edu
480-727-6277

Biological Sciences (Biology and Society), BS (LABSCSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Bachelor of Science program in biological sciences with a concentration in biology and society, students explore the social, philosophical, historical, ethical and policy dimensions of science, technology and medicine.

They investigate the motivation behind research, learn to ask probing questions about how and why biological problems are studied in the present and have been studied in the past, and examine how these factors interact with policy decisions.

In this highly individualized program, students can engage in independent study and research projects. They gain hands-on experience with distinguished faculty in bioscience ethics, history and philosophy of science, science communication, science education and science policy.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Microbiology, MS

Biology, MS

Global Management (Global Development and Innovation), MGM

Biology (Biology and Society), MS

Global Management (Global Business), MGM

Molecular and Cellular Biology, MS

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Computational Life Sciences, MS

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/biology-and-society/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
Demonstrate preparedness for graduate/professional degree programs and/or employment.

Global opportunities

Global experience: Through study abroad programs, whether in a foreign country, in the U.S. or online, biological sciences students experience distinct biological environments and gain an understanding of worldwide differences in the human condition. They are exposed to a variety of laws, policies and practices in biology-centric environments worldwide and expand their knowledge of how science impacts society. Students can engage in community service and outreach activities all around the world, which can help their graduate and professional program applications stand out.

With more than 300 options available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their specific interests and skill sets. The College of Liberal Arts and Sciences recommends these programs for students majoring in biological sciences with a concentration in biological and society. (https://goglobal.asu.edu/students/major/sls/biological-sciences-biology-society)

Career opportunities

Graduates of the biology and society concentration within the biological sciences major have an individualized and skill-based foundation in life sciences and complex human issues. This foundation enables them to pursue advanced research and graduate study in biology, ethics, education, and history and philosophy of science.

The program also prepares graduates with the historical, philosophical, political and ethical perspectives they need for direct entry into their choice of career in many fields, including medicine, law, public health, public policy and academia.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/biological-sciences-biology-and-society-bs
sols.advising@asu.edu
480-727-6277

Biological Sciences (Biomedical Sciences), BS (LABSCMBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Science program in biological sciences with a concentration in biomedical sciences is tailored for students who wish to pursue careers in medicine, other health professions or biomedical research.

Curriculum aligns with the broad scientific competencies recommended for premedical students. Students are well prepared for the MCAT and medical school admission, and well versed in the core concepts, competencies and critical intellectual skills necessary for success in medical school or conducting biomedical research.

In addition to completing coursework, students gain hands-on experience with distinguished faculty and have opportunities to engage in independent research projects or internships to jump-start their professional career.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Microbiology, MS

Biology, MS

Biology (Biology and Society), MS

Molecular and Cellular Biology, MS

Public Administration, MPA

Computational Life Sciences, MS

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-biomedical-sciences-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCMBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
Demonstrate preparedness for graduate/professional degree programs and/or employment.

Global opportunities

Global experience: Through study abroad, whether in a foreign country, in the U.S. or online, students studying biological sciences are able to experience distinct biological environments and gain an understanding of worldwide differences in the human condition. They are exposed to a variety of laws, policies and practices in biology-centric environments worldwide, expanding their knowledge of how science impacts society. Students can also engage in community service and outreach all around the world, helping their graduate and professional program applications stand out.

With more than 300 options available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their specific interests and skill sets. The College of Liberal Arts and Sciences recommends these programs for students majoring in biological sciences with a concentration in biomedical sciences (https://goglobal.asu.edu/students/major/sls/biological-sciences-biomedical-sciences).

Career opportunities

Graduates of the program have attained mastery of the competencies and completed prerequisites valued by graduate programs in medical, dental and optometry fields as well as programs that prepare students to become physician assistants or physical therapists.

Graduates have an understanding of the process of science; knowledge of foundational concepts in biological sciences, chemistry, physics and statistics; and the ability to understand and apply core biomedical concepts. They are prepared for direct entry into biology research careers in a vast number of areas, including genetics, genomics, evolution, physiology and immunology.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/biological-sciences-biomedical-sciences-bs
sols.advising@asu.edu
480-727-6277

Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Bachelor of Science program in biological sciences with a concentration in conservation biology and ecology, students discover how to conserve biological diversity and restore degraded ecosystems, and they examine the ways that organisms interact with each other and their physical environment.

Arizona State University is committed to a more sustainable world and sharing knowledge of conservation biology and ecology. Students gain hands-on experience with distinguished conservation biologists to investigate the impact of humans on Earth's biodiversity, prevent the extinction of species, promote the sustainable use of biological resources, and reestablish desired conditions in a variety of ecosystems.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Microbiology, MS

Biology, MS

Biology (Biology and Society), MS

Molecular and Cellular Biology, MS

Public Administration, MPA

Computational Life Sciences, MS

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/conservation-biology-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCCBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
Demonstrate preparedness for graduate/professional degree programs and/or employment.
Demonstrate capacity for scientific thinking by applying relevant background knowledge to develop scientific explanations.

Global opportunities

Global experience: Through study abroad programs, biological sciences students are able to experience distinct biological environments and gain an understanding of conservation biology practices worldwide. They are exposed to a variety of laws, policies and practices in biology-centric environments and expand their knowledge of how science impacts society. Students also are able to engage in community service and outreach activities, which can help them stand out in graduate study or a professional career.

With more than 300 programs available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their specific interests and skill sets. The College of Liberal Arts and Sciences recommends these programs for students majoring in biological sciences with a concentration in conservation biology and ecology (https://goglobal.asu.edu/students/major/sls/biological-sciences-conservation-biology-ecology).

Career opportunities

Graduates of the conservation biology and ecology concentration within the biological sciences major have an individualized and skill-based foundation that enables them to pursue advanced research and graduate study in biological sciences, environmental law and economics, physiology, ecology and conservation.

Graduates are prepared through training in specific skills they need for direct entry into their choice of career in a wide variety of fields and positions, including education, environmental resources, animal and plant physiology and identification, behavior ecology, population biology, conservation of endangered species, and restoration of degraded ecosystems.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/biological-sciences-conservation-biology-and-ecology-bs
sols.advising@asu.edu
480-727-6277

Biological Sciences (Genetics, Cell and Developmental Biology), BS (LABSCGBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Bachelor of Science program in biological sciences with a concentration in genetics, cell and developmental biology, students gain an understanding of the intricacies of life. They investigate:

• developmental changes that organisms undergo throughout life
• DNA sequence and gene expression
• how genes and the environment interact
• the machinery of life enclosed within the boundaries of cells
• the relationship between cell life and diseases

Students gain hands-on experience by working with distinguished faculty and have opportunities to engage in independent research projects and internships.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Microbiology, MS

Biology, MS

Global Management (Global Development and Innovation), MGM

Biology (Biology and Society), MS

Global Management (Global Business), MGM

Molecular and Cellular Biology, MS

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Computational Life Sciences, MS

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-genetics-cell-and-developmental-biology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCGBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
Demonstrate preparedness for graduate/professional degree programs and/or employment.

Global opportunities

Global experience: Through study abroad programs, biological sciences students experience distinct biological environments and gain an understanding of worldwide differences in the human condition. They are exposed to a variety of laws, policies and practices in biology-centric environments worldwide and expand their knowledge of how science impacts society. Students also are able to engage in community service and outreach activities all around the world, which can help them stand out as they pursue graduate study or a professional career.

With more than 300 programs available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their specific interests and skill sets. The College of Liberal Arts and Sciences recommends these programs for students majoring in biological sciences with a concentration in genetics, cell and developmental biology (http://goglobal.asu.edu/students/major/sls/biological-sciences-genetics-cell-developmental-biology).

Career opportunities

Graduates of the genetics, cell and developmental biology concentration within the biological sciences program have acquired critical thinking skills and completed fundamental coursework that enable them to pursue advanced research and graduate study in biological sciences, health sciences, law, and other graduate-level and professional programs, including dentistry, medicine, pharmacy and veterinary medicine.

The BS degree program also prepares graduates with skills that can be applied to many scientific problems and to the challenges of daily life, and provides the strong foundation they need for direct entry into their choice of career in a variety of fields, including research, bioinformatics, medicine and health care, forensics and veterinary care.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/biological-sciences-genetics-cell-and-developmental-biology-bs
sols.advising@asu.edu
480-727-6277

Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Bachelor of Science program in biological sciences with a concentration in neurobiology, physiology and behavior, students discover how animals --- including humans --- function, think and behave.

Students investigate molecular and cellular processes and the function of organismal systems, including neural, muscular, cardiovascular, respiratory, renal and digestive. They explore ecological and evolutionary influences and biomedical implications to develop a holistic understanding of animal function.

In addition to coursework, students gain hands-on experience with distinguished faculty, with opportunities to engage in independent research projects and internships.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Microbiology, MS

Biology, MS

Global Management (Global Development and Innovation), MGM

Biology (Biology and Society), MS

Global Management (Global Business), MGM

Molecular and Cellular Biology, MS

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Computational Life Sciences, MS

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/neurobiology-physiology-behavior/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCABS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
Demonstrate preparedness for graduate/professional degree programs and/or employment.

Global opportunities

Global experience: Through study abroad programs, whether in a foreign country, in the U.S. or online, biological sciences students experience distinct biological environments and gain an understanding of worldwide differences in the human condition. They are exposed to a variety of laws, policies and practices in biology-centric environments worldwide and expand their knowledge of how science impacts society.

With more than 300 options available to them, Global Education programs (https://goglobal.asu.edu/) students can tailor their experience to their specific interests and skill sets. They are able to engage in community service and outreach activities, which can help their graduate and professional program applications stand out.

The College of Liberal Arts and Sciences recommends these programs for students majoring in neurobiology, physiology and behavior. (http://goglobal.asu.edu/students/major/sls/neurobiology-physiology-behavior)

Career opportunities

Graduates of the neurobiology, physiology and behavior concentration within the biological sciences program have critical thinking skills and a solid platform for advanced research, graduate study and other professional programs, including endocrinology, environmental or behavioral physiology, human physiology, metabolism, neurobiology and social behavior.

Graduates have an understanding of the process of science, knowledge of foundational concepts in biological sciences, chemistry, physics and statistics, and the ability to understand and apply core biomedical concepts. This groundwork prepares graduates for direct entry into technical positions in hospitals; government laboratories and agencies; research institutes; and food, dairy, chemical, pharmaceutical and biotech industries.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/biological-sciences-neurobiology-physiology-and-behavior-bs
sols.advising@asu.edu
480-727-6277

Biophysics, BS (LABIPHBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Science program in biophysics uses the methods and theories of physics to study biological systems. This includes gaining a working understanding of principles that govern all scales of biological organization, from molecular processes of life to organisms and ecosystems.

Students are exposed to novel learning methods and laboratory experiences, with additional opportunities to conduct independent research and work directly with faculty in the field. This strong foundation prepares students to seek roles within academia, medicine, renewable energy, research and technology.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students who wish to change their major to biophysics should have a minimum cumulative GPA of 2.50 for all critical classes they have completed.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/biophysics-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABIPHBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad affords students the opportunity to gain valuable experience in a diverse set of programs in many countries around the world. Students can study biophysics abroad through a wide set of opportunities related to physics, chemistry and biology.

Graduates with the heightened skills in communication, critical thinking and leadership they acquired through study abroad may stand out in a competitive field. More information on available programs can be found on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

The wide variety of applicability of the principles of biophysics allows for great flexibility in the choice of career or further education.

Graduates have the necessary background for career paths in the biotechnology, chemical and medical industries.

Graduates are also well prepared for medical school or advanced graduate study in biochemistry, biophysics, neurobiology, pharmacology, physics or radiology.

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/
physics.undergrad@asu.edu
480-965-3561

Chemistry, BS (LACHMBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Students in the Bachelor of Science program in chemistry acquire the profound understanding and practical skills needed to address complex scientific challenges at the atomic and molecular levels. The expertise they gain spans diverse fields, including energy, sustainability, technology materials, medicine, nanoscience, environmental science,

forensics, cosmetics and food chemistry.

The curriculum encompasses a rigorous set of courses, integrating lectures and laboratory sessions. This approach equips students with a deep understanding of atomic and molecular principles and hones their problem-solving abilities. The program encourages critical inquiry, fostering the development of scientific thinking and analytical skills.

Students are strongly encouraged to join laboratory research groups, which provide hands-on experience in scientific investigation and the opportunity to delve into advanced research. Given the nature of faculty research in the School of Molecular Sciences, students in the BS in chemistry program generally have the widest selection of faculty to choose from and hence the greatest number of possible research opportunities.

Accreditation by the American Chemical Society (https://www.acs.org (https://www.acs.org)) underscores the program's quality and aligns students with industry standards. With a solid foundation in chemistry, hands-on laboratory experience and critical thinking skills, students are poised to make significant contributions to scientific advancement and address complex problems in their chosen disciplines.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biochemistry (Medicinal Chemistry), MS

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: When studying abroad (https://goglobal.asu.edu/), chemistry students can gain valuable experience in a diverse set of programs. They acquire heightened skills in communication, critical thinking and leadership, enabling them to stand out competitively in their chosen field. Students earn ASU credit for completed courses while they stay on track for graduation.

Career opportunities

A degree in chemistry provides the background for careers in chemical and electronics industries and in national research labs, environmental labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Graduates also emerge well prepared for advanced studies in chemistry and material science, positioning them competitively for graduate degree programs; some have chosen to complete a BS in chemistry to be competitive applicants for admission to medical, dental or pharmacy schools.

Chemists conduct research and routine work in laboratories; study the environment; work in manufacturing, sales and marketing; determine policy and regulation in the public sector; and teach.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
SMSadvising@asu.edu
480-965-7667

Chemistry, BA (LACHMBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Students in the Bachelor of Arts program in chemistry develop a well-rounded understanding of atomic and molecular-level science, with applications that span energy and sustainability, new materials, medicine, nanoscience, environmental science, forensics, cosmetics, food chemistry, patent law, sales and marketing. They gain a solid foundation in physical science within a liberal arts context.

The curriculum encompasses a wide variety of coursework, including lectures and laboratory sciences, enabling students to apply atomic and molecular-level thinking to applicable societal problems. The program fosters critical thinking skills, problem-solving abilities and interdisciplinary competence.

Although research is not the primary focus of this program, students may have opportunities to engage in laboratory research or projects. The program offers flexibility for students to explore various interests, including laboratory science, regulation and law, in the public sector.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: When studying abroad (https://goglobal.asu.edu/), chemistry students can gain valuable experience in a diverse set of programs. Students earn ASU credit for completed courses while staying on track for graduation. Students who study abroad acquire heightened skills in communication, critical thinking and leadership.

Career opportunities

A degree in chemistry provides graduates with the background for careers in chemical and electronics industries and in national research labs, environmental labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Students with a strong liberal arts background are also prepared for careers in scientific sales, marketing, human development and training. Students often take chemistry degree programs to be competitive applicants for admission to medical, dental or pharmacy schools.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
SMSadvising@asu.edu
480-965-7667

Chemistry (Environmental Chemistry), BS (LACHMEBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Bachelor of Science program in chemistry with a concentration in environmental chemistry, students acquire interdisciplinary knowledge, combining chemistry with environmental sciences, geology, mathematics and physics. Students gain a molecular perspective of the world, focusing on pollution control, energy and climate change. Students develop the expertise to address environmental challenges, making them well prepared to solve problems in environmental science, policy, regulation and advanced studies in chemical and environmental sciences at the

graduate level.

The curriculum merges chemistry and environmental sciences courses, fostering a holistic understanding of environmental issues. It includes traditional coursework with lectures and hands-on laboratory sessions. The program emphasizes problem-solving, critical thinking and interdisciplinary competence. Students are encouraged to join laboratory research groups and faculty research projects, enabling them to engage in hands-on research and contribute to environmental solutions.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMEBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students who participate in Global Education programs (https://goglobal.asu.edu/) can strengthen their understanding of environmental chemistry through hands-on experience in new and exciting environments. Programs provide students with a global perspective and knowledge in preparation for a forward-thinking career.

Career opportunities

The solid chemistry education that graduates have obtained with this degree provides the necessary background for many career paths in chemical industries, government and other areas. This degree can be combined with law for patent work or government work, economics for sales and marketing careers, and computer science for careers in information storage and retrieval related to our planet.

Graduates who plan to work in areas related to the environment find the environmental chemistry concentration especially appropriate; they are also prepared for careers in environmental science, environmental monitoring, policy and regulation.

Contact information

School of Molecular Sciences | PSC 116
https://sms.asu.edu/
SMSadvising@asu.edu
480-965-7667

Civic and Economic Thought and Leadership, BS (LACETLBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history, and foundational texts in ideas in American politics and provides a foundation in social and political research and statistics.

Faculty teach using the Socratic method, which challenges students to analyze the complex topics that impact lives today. Students refine their ability to read closely, think analytically, write carefully and speak effectively.

Students have internship opportunities (https://scetl.asu.edu/internships) on Capitol Hill, in congressional offices in their district, and with nonprofit organizations. These opportunities enable students to build their resumes with professional experience and network with potential future employers. Global intensive experiences allow students to study in places such as Romania and India. Students also engage with world-renowned scholars through the school's public programs (https://scetl.asu.edu/events).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Classical Liberal Education and Civic Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACETLBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students in the School of Civic and Economic Thought and Leadership have a variety of global and domestic experiential courses (https://goglobal.asu.edu/students/major/civic-and-economic-thought-and-leadership-ba-bs-1) available to them. Whether they involve practicing leadership skills in a rural Indian village, examining the politics and cultures of Europe in Romania, or studying Aristotle in the Arizona mountains, all of these courses ask students to cultivate curiosity, excellence and leadership.

Career opportunities

Graduates are inspired and prepared to lead and serve in civil society, public affairs or government.

Potential career paths include business, education, foreign service, government, law, politics, national security affairs and public office.

Contact information

School of Civic & Economic Thought and Leadership | COOR 6611
https://scetl.asu.edu/
scetladvising@asu.edu
480-965-0155

Civic and Economic Thought and Leadership, BA (LACELBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history, and foundational texts and ideas in American politics.

Faculty teach using the Socratic method, which challenges students to analyze the complex topics that impact lives today. Students refine their ability to read closely, think analytically, write carefully and speak effectively.

Students have internship opportunities (https://scetl.asu.edu/internships) on Capitol Hill, in congressional offices in their district, with nonprofit organizations or in an area of their academic interest. These internships enable students to build their resume with professional experience and network with potential future employers. Global intensive experiences allow students to study in places such as Romania and India. They also engage with world-renowned scholars who visit ASU through the school's public programs (https://scetl.asu.edu/events).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Classical Liberal Education and Civic Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACELBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students in the School of Civic and Economic Thought and Leadership have a variety of global and domestic experiential courses (https://goglobal.asu.edu/students/major/civic-and-economic-thought-and-leadership-ba-bs-1) available to them. Whether they involve practicing leadership skills in a rural Indian village, examining the politics and cultures of Europe in Romania, or studying Aristotle in the Arizona mountains, all of these courses ask students to cultivate curiosity, excellence and leadership.

Career opportunities

Graduates are inspired and prepared to lead and serve in civil society, public affairs or government.

Possible career paths include business, education, foreign service, government, law, politics, national security affairs and public office.

Contact information

School of Civic & Economic Thought and Leadership | COOR 6611
https://scetl.asu.edu/
scetladvising@asu.edu
480-965-0155

Communication, BS (LACOMBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

How can someone create messages that are appropriate across different cultures? How can messaging convince people to change behaviors? How can someone measure the impact of social media? In the Bachelor of Science

program in communication, students explore these questions and many more as they come to understand how messages create, maintain and improve relationships, workplaces and communities.

In this degree program, which provides a social science and data-analytic focus, students gain an understanding of quantitative research methods. They learn to write and speak effectively and to convey complex ideas simply, becoming prepared for employment in a variety of career fields and for graduate study.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication, MA

Communication Studies, MA

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students who have previously attended ASU and are returning to the university with transfer credit must have a minimum ASU cumulative GPA of 2.00 in order to be admitted into the Hugh Downs School of Human Communication.

Transfer admission requirements: Students who are transferring into ASU must meet current university admission requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students who would like to change their major to communication must have a minimum cumulative GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-communication/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 options available, Global Education programs (https://goglobal.asu.edu/) enable students to tailor their experience to their specific interests and skill sets. Students may engage in distinct and exciting opportunities to gain intercultural experience through tailored international programs of study. Students improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills, and expand their knowledge of the liberal arts through lenses of different cultures.

Whether in a foreign country, in the U.S. or online, students in communication are able to improve their language and cross-cultural skills for effective communication across populations. The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/students/major/communication) for students majoring in communication.

Career opportunities

Graduates often attend leading graduate schools in communication, law or business, or find gainful employment in the areas of:

- business consulting
- data analysis
- event planning
- fundraising

- human resource management
- marketing
- public relations
- sales
- social media
- training and development

Contact information
Hugh Downs School of Human Communication | STAUF A412
https://humancommunication.asu.edu/
communication@asu.edu
480-965-5095

Communication, BA (LACOMBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description
The Bachelor of Arts program in communication focuses on how message processes create, maintain and transform identities, relationships, workplaces and communities through a humanistic approach to the art of communication.

Students explore many fascinating concepts, such as how messages can optimally advocate for a cause, sports team or organization; how people can communicate creatively in various settings and styles; how valid messages differ from invalid messages; how and why cultural differences make communication difficult; and why some topics are difficult to discuss and consistently lead to conflict.

Through rigorous coursework and rewarding applied experiences, students gain effective communication skills that prepare them for employment in communication-intensive fields or for graduate study.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication, MA

Communication Studies, MA

Public Administration, MPA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students who have attended previously ASU and are returning to the university with transfer credit must have a minimum ASU cumulative GPA of 2.00 in order to be admitted into the Hugh Downs School of Human Communication.

Transfer admission requirements: Students who are transferring into ASU must meet current university admission requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students who would like to change their major to the BA in communication must have a minimum cumulative GPA of 2.00.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/communication-degree-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program options (https://goglobal.asu.edu/) available to them, students may engage in a distinct and exciting opportunity to gain intercultural experience through international programs of study, which they can tailor according to their experience and specific interests and skills.

Whether in a foreign country, in the U.S. or online, students in communication develop critical teamwork and problem-solving skills, expand their knowledge of the liberal arts through lenses of different cultures, and improve their language and cross-cultural skills for effective communication across populations.

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/students/major/communication) for students majoring in communication.

Career opportunities

Graduates often attend leading graduate schools in communication, law or business or find gainful employment in the areas of:

- campaign management
- community leadership
- diplomacy
- event planning
- health care management
- human resource management
- intercultural relations
- nonprofit management
- public relations
- sales
- training and development

Contact information

Hugh Downs School of Human Communication | STAUF A412
https://humancommunication.asu.edu/
communication@asu.edu
480-965-5095

Computational Mathematical Sciences, BS (LACMSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in computational mathematical sciences is a fusion of mathematics, science and computing. Students in this program learn how to translate science and engineering problems into mathematical problems and solve them using computing algorithms.

Students develop strong problem-solving, analytical and programming skills as they work across diverse areas of science and mathematics. They have the opportunity to work with applied scientists in associated fields such as cancer modeling, computational neuroscience, environmental modeling and weather forecasting, all of which involve computational mathematical sciences.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mathematics, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACMSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze quantitative problems and draw conclusions by applying proper mathematical theories.
Employ appropriate mathematical models to analyze and simulate various applicable phenomena and processes.
Apply computational tools for effective implementation of modeling of applicable phenomena and processes.

Global opportunities

Global experience: Students gain valuable experience through study abroad programs. They can tailor their program to their specific interests and skill sets, and gain hands-on experience. Whether in a foreign country, in the U.S. or online, students are able to build communication skills, are challenged to adapt and persevere, and are exposed to differences, enhancing their ability to work with diverse groups of people.

Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options available around the world provides students with the opportunity to develop a valuable skill set that can give them an advantage in their career, as well as personal enrichment.

Career opportunities

According to Research.com (https://research.com/degrees/best-college-majors-to-pursue), mathematics and computer science rank among the top college majors in terms of salary and job growth. The computational mathematical sciences program brings these disciplines together.

A BS degree in computational mathematical sciences offers graduates many career options, including in:

business
computer technology
engineering
medical research
teaching and education

Some pursue graduate education in areas such as biophysics, economics, medicine, statistics and data science.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Culture, Technology and Environment, BA (LACTEBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Arts program in culture, technology and environment is a collaborative program offered by the humanities division in The College of Liberal Arts and Sciences. Students take a humanistic approach to address issues surrounding:

• culture: approaching equitable and diverse global citizenship through the study of culture and language
• environment: addressing climate change, biodiversity loss, pollution and environmental justice through the arts and humanities
• technology: bringing humanities thinking to the human and ethical challenges of a world shaped by technology

Courses include studies in English, film and media studies, history, philosophy, religious studies, languages and cultures. Students also complete a core of classes that provide context and grounding, as well as hands-on experience in identifying challenges and developing solutions.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information= and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/culture-technology-environment/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACTEBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad expands students' perspectives by exposing them to new cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of literature, dialects and rhetoric in one of more than 300 Global Education programs (https://goglobal.asu.edu/). Students who study abroad gain heightened cultural competency as well as communication and critical-thinking skills, which enhance their educational experience and their resumes.

Career opportunities

This multidisciplinary degree combines the best of humanities training with a focus on practical skills, preparing graduates for a variety of careers. Potential career fields include:

- climate change or policy analysis
- documentary writing or producing
- environmental activism
- environmental law
- journalism
- nature or science writing
- nonprofit leadership and management
- technical writing

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

Data Science, BS (LADATSCIBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Data science professionals use sophisticated statistical, computational and mathematical tools to extract patterns from large, complex and often unordered data sets. In the Bachelor of Science program in data science, students are prepared to be critical analysts in a variety of areas, such as business, research and government.

With a mathematical core consisting of linear algebra, statistical inference and classification, data mining, machine learning and associated computer methods, the program gives students a strong background in data-related skills that

are useful in understanding and solving practical issues.

This transdisciplinary program enables students to choose a focus area in:

• behavioral sciences
• biosciences
• business analytics
• chemistry and biochemistry
• computer science
• mathematics
• social sciences
• spatial sciences

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
or MAT 265 Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Data Science, Analytics and Engineering (Bayesian Machine Learning), MS

Computational Life Sciences, MS

Data Science, Analytics and Engineering (Computational Mathematics and Data), MS

Data Science, Analytics and Engineering (Human-Centered Applications), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/data-science-online-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LADATSCIBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Employ analysis of data sets in order to make action oriented, ethical recommendations for societal change.
Engage critically with real world data problems involving chosen areas such as healthcare, education, and government.
Develop team oriented skills related to civil discourse while utilizing diverse programming languages and statistical processes to interpret results of their own data collection.
Write a critique of data interpretations provided by real world sources in which they make critical inferences regarding the validity of provided data.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, data science students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

U.S. News & World Report ranks data scientist at No. 8 on its list of best jobs. The U.S. Bureau of Labor Statistics projects overall employment of data science occupations to grow 36% through 2033.

Graduates of the data science program have skills related to data analysis, data prediction models and ethical uses of research data, helping them to meet the expressed needs of society. Graduates work in a variety of fields, including governmental research, education, health services, consumer behavior and business.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Earth and Environmental Sciences, BA (LAEESBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Arts in Earth and environmental sciences helps students understand the function and evolution of the world and the vulnerabilities of the environment. Students receive broad training in physical science and geoscience, with an emphasis on understanding Earth's life-sustaining surface environment.

The program explores climate change, energy resources, natural hazards, ocean environments and implications for sustainable human civilizations, empowering graduates to help Arizona and the global community address many critical environmental challenges facing society.

Through elective tracks, students can focus their studies on climate and environmental change, environmental policy, sustainability, Earth resources, environmental management or environmental education.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus or higher
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/earth-environmental-sciences-major-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAEESBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply scientific methods to analyze Earth-system and environmental data.
Synthesize core concepts of Earth system science and societal factors to analyze linkages among Earth-system processes, environmental conditions, and human societies.
Collaborate effectively in interdisciplinary groups to evaluate societally significant environmental problems and propose viable solutions.

Global opportunities

Global experience: The physical environment is highly varied across the globe, and so is the human treatment of it. Global education programs (https://goglobal.asu.edu/) enable students to gain a deeper understanding of the global environment, how culture affects the environment, and how to best communicate environmental research to a diverse audience. Programs are offered in a variety of countries around the world.

Career opportunities

The Bureau of Labor Statistics and the American Geosciences Institute project strong job growth in environmental science and geoscience. Graduates are well prepared for "green" professional careers in fields such as environmental education, environmental reporting, public planning, environmental consulting and natural resource management. Graduates are also prepared for graduate school in related disciplines, such as natural and environmental sciences or education, environmental public policy and environmental management.

Career opportunities include these positions:

conservation scientist or natural resource manager
data analyst
environmental monitoring and exposure assessor
environmental or sustainability consultant or planner
environmental protection or remediation scientist, consultant or manager
environmental specialist, analyst or technician
natural hazards assessment and mitigation specialist
public policy and planning specialist
science teacher
water resources specialist

Career settings include:

educational institutions
environmental consulting firms
environmental engineering firms
federal, state and local government agencies
museums
nongovernmental organizations
nonprofit organizations
publishing companies
regulatory agencies
utility companies

For more information, please see the career opportunities page on the School of Earth and Space Exploration website.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Earth and Environmental Sciences, BS (LAEESBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Science program in Earth and environmental sciences, both in-person and online, provides broad training in the physical sciences, especially process-oriented geosciences that focus on Earth's life-sustaining surface environment. This training establishes a foundational understanding of the evolution of the Earth system, with an emphasis on the surface environment, oceans and climate, and implications for sustainable human societies. The program empowers graduates to help Arizona and the global community address some of the most pressing challenges of the day in environmental health, climate change and natural resources.

Through elective tracks, students can focus their studies on climate and environmental change, environmental policy, sustainability, Earth resources, environmental management or environmental education.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/earth-environmental-sciences-major-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAEESBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply basic, quantitative methods of science to analyze Earth-system and environmental data.
Synthesize core concepts of Earth system science and societal factors to analyze linkages among Earth-system processes, environmental conditions, and human societies.
Collaborate effectively in interdisciplinary groups to evaluate societally significant environmental problems and propose viable solutions, which will make them confident in their ability to demonstrate crucial skills for employment.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu) available to them, Earth and environmental sciences students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates are prepared to attend graduate school in the natural and environmental sciences, education, environmental journalism, environmental law, public policy and environmental management.

They are also well prepared for "green" professional careers in fields such as education, environmental reporting, public planning, environmental consulting, and natural resource management, and more technical positions, such as environmental scientist, in a variety of subdisciplines. According to the U.S. Bureau of Labor Statistics and corroborated by data reported by the Occupational Information Network, the many career opportunities in growth areas available to graduates of this program include:

conservation scientist or natural resource manager (7% growth, $64k median salary)
environmental science educator (secondary education: 8% growth, $63k median salary).
environmental science technician (11% growth, $47k median salary)
environmental scientist (8% growth, $73k median salary)
geological and hydrologic technician (8% growth, $73k median salary)
geoscientist (7% growth, $93k median salary)
hydrologist (6% growth, $84k median salary)
natural science manager (9% growth, $51k median salary)

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration, BS (LASESBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in Earth and space exploration offers students an integrated education across Earth sciences, planetary sciences, astrophysics and engineering. The degree program incorporates a learning community that includes science and engineering students, a yearlong collaborative capstone senior exploration project and strong quantitative preparation.

This foundation in geosciences, astrophysics and exploration engineering prepares students for key roles in Earth resources and exploration, environmental and geologic engineering, space research and industry, and water and environmental use policy.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Space exploration is an international endeavor, and an international experience provides students with opportunities for cross-cultural engagement and improvement of language and communication skills. Global Education (https://goglobal.asu.edu/) allows students to take relevant classes while they live in another country. Each of the more than 300 Global Education program options enables students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and increase their ability to work with diverse groups of people.

Career opportunities

The Earth and space exploration major addresses critical future shortfalls in the national and regional training of the next generation of geoscientists and aerospace engineers.

Arizona has an expanding space industry with major new investments and is prepared to engage new technologies to monitor and understand environmental issues in the state, the Southwest and throughout the world.

Graduates with a BS in Earth and space exploration have the tools, knowledge and understanding to address key problems of a global nature, whether they are working in the private or the public sector.

Career opportunities include:

- analytical lab technician
- astronomer
- data analyst
- geoscientist
- instrumentation specialist
- museum director
- planetary scientist
- research scientist
- science teacher
- science writer

Career settings include:

aerospace industry organizations
educational institutions
federal, state and local government agencies
manufacturing centers
museums or planetariums
NASA facilities
national laboratories
National Science Foundation facilities
observatories
space industry organizations

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Astrobiology and biogeosciences are closely related. Astrobiology informs the exploration for life on other worlds, while biogeosciences motivates exploration of life's limits on Earth.

Students in the astrobiology and biogeosciences concentration in the Bachelor of Science program in Earth and space exploration acquire a strong and rigorous foundation in geology, biology, chemistry and astronomy. They develop the systems-thinking perspective needed to:

• contribute to the search for life on other planets
• study how the integrated Earth-life system evolves and responds to global environmental challenges
• understand the complex and evolving diversity and distribution of life on Earth

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
or higher
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design research projects to solve scientific problems foundational to astrobiology and biogeosciences.
- Apply knowledge in the natural sciences to interdisciplinary questions in astrobiology and biogeosciences.

Effectively apply crucial skills for employment including communication, creative and critical thinking, inquiry and analysis, and problem solving.
Function in an interdisciplinary environment to solve complex scientific and technological problems.

Global opportunities

Global experience: Space exploration is an international endeavor, and an international experience provides students with opportunities for cross-cultural engagement and to improve their language and communication skills. Global Education programs (https://goglobal.asu.edu/) allow students to take relevant classes while they live in another country. Each of the more than 300 Global Education program options enables students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and increase their ability to work with diverse groups of people.

Career opportunities

Graduates of the astrobiology and biogeosciences program are well prepared for graduate studies in two rapidly advancing fields. They are also well suited for careers in earth sciences, environmental sciences and space sciences. More broadly, the program provides training across a variety of sciences and a "systems thinking" perspective, giving graduates a strong background for careers in biomedical or sustainability areas, as well as science education, writing or policy.

Career opportunities include these positions:

astronomer
data analyst or scientist
ecologist or natural resource manager
environmental monitoring and exposure assessor
environmental or sustainability consultant
environmental protection or remediation scientist, consultant or manager
geoscientist
hydrogeologist
science policy consultant
science teacher

Career settings include:

educational institutions
environmental consulting firms
environmental engineering firms
federal, state and local government agencies
museums or planetariums
NASA and National Science Foundation facilities
national laboratories
nonprofit organizations
observatories
space industry organizations

More information is available on the career opportunities page on the School of Earth and Space Exploration website.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Astrophysics), BS (LASESABS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in Earth and space exploration with a concentration in astrophysics offers students a fundamental grounding in astronomy and astrophysics, with exposure to the related fields of geology, planetary science and engineering.

Students develop a background in theoretical modeling and observational techniques of galactic and stellar astronomy, extragalactic astronomy and cosmology. They engage in rigorous coursework in engineering and computer programming, and they learn to think critically about scientific problems. Through a capstone project, students gain valuable experience in translating science drivers into engineering solutions.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Solve quantitative problems and test hypotheses with astronomical data utilizing modern computing methods.
Apply advanced math and physics concepts to solve problems in astronomy and astrophysics.
Function effectively in a team-based interdisciplinary research environment to formulate solutions for and solve complex scientific and technological problems.
Effectively apply crucial skills for employment including communication, creative and critical thinking, inquiry and analysis, and problem solving.

Global opportunities

Global experience: Space exploration is an international endeavor, and an international experience gives students opportunities for cross-cultural engagement and to improve their language and communication skills. Global Education (https://goglobal.asu.edu/) allows students to take relevant classes while they live in another country. Each of the more than 300 Global Education program options enables students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and improve their ability to work with diverse groups of people.

Career opportunities

Graduates have the skills required for a career in astrophysics, physics and related fields, opening up diverse opportunities for employment in industry, government, education and other settings. They also are prepared to pursue graduate school in astrophysics or to perform laboratory research or data-intensive analyses that enable scientific progress or inform public policy.

Career opportunities include:

- analytical lab technician
- astronomer
- data analyst
- instrumentation specialist
- museum director
- planetary scientist
- research scientist
- science teacher
- science writer
- telescope operator

Career settings include:

- aerospace industry organizations
- educational institutions
- federal, state and local government agencies
- manufacturing centers
- museums or planetariums
- NASA facilities
- national laboratories
- National Science Foundation facilities
- observatories
- space industry organizations

The rigor of this degree makes it excellent preparation for graduate study in the field of astrophysics, especially when combined with a physics minor. Interested students can find more information on the career opportunities page on the School of Earth and Space Exploration website.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in Earth and space exploration with a concentration in exploration systems design offers students a fundamental curriculum in geology, physics and astrophysics while providing tools that enable them to design and build hardware and software to explore Earth and the universe beyond.

The program has a rigorous and quantitative grounding in the fundamentals of physics, mathematics and chemistry. Coursework focuses on conceiving the requirements needed for a mission or project destined for space or extreme environments on Earth. All students are expected to complete a senior project that takes a desired scientific measurement and realizes the technological solution to achieve the observation.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit

The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Electrical Engineering, MSE

Exploration Systems Design, MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESESDBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Design technological approaches to solving research problems in the earth and space sciences.
Function effectively in a team-based, interdisciplinary environment to solve complex problems in earth and space science, using an engineering approach and a set of options, including cost, risk, and schedule.
Effectively apply crucial skills for employment including communication, creative and critical thinking, inquiry and analysis, and problem solving.

Global opportunities

Global experience: Space exploration is an international endeavor, and an international experience provides students with opportunities for cross-cultural engagement and improvement of language and communication skills. Global Education (https://goglobal.asu.edu/) enables students to take relevant classes while they live in another country. Each of the more than 300 Global Education program options enables students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and improve their ability to work with diverse groups of people.

Career opportunities

Graduates have the skills required for a career in systems engineering, space systems engineering, scientific instrument engineering and engineering-focused careers in astronomy, geoscience and planetary science, opening up diverse opportunities for employment in industry, government, education and other organizations. They are also prepared to pursue graduate school in astrophysics, physics and engineering, or to perform laboratory research or data-intensive analyses that facilitate scientific progress or inform public policy.

Career opportunities include:

astronomer
computer software quality engineer
computer systems architect
engineering or technical services manager
planetary scientist
research scientist or instrumentation specialist
science policy consultant
science teacher (K--12)
space systems engineer
systems engineer

Career settings include:

aerospace industry organizations

educational institutions
federal, state and local government agencies
manufacturing centers
NASA centers
National Science Foundation facilities
museums or planetariums
national laboratories
observatories
space industry organizations

For more information, students can see the career opportunities page on the School of Earth and Space Exploration website.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Geological and Planetary Sciences), BS (LASESGSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in Earth and space exploration with an emphasis in geological and planetary sciences uncovers the processes that have shaped Earth and other planets since the origin of the solar system. Students explore the coevolution of Earth's life, oceans, atmosphere and climate system and how their evolution is recorded in rocks, soil, ice and isotopes.

Students learn traditional and modern field methods, data analysis and more to effectively study the natural environment. This knowledge empowers graduates to work for the benefit of local, national and global communities. They also have the opportunity to study the potential for extraterrestrial life and the possibilities for the colonization of space.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 265 - Calculus for Engineers I or higher
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Exploration Systems Design (Sensor Networks), MS

Exploration Systems Design (Instrumentation), MS

Exploration Systems Design (Systems Engineering), MS

Exploration Systems Design, MS

Astrophysics and Astronomy, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESGSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Solve problems in the Earth and planetary sciences using their understanding of the formation, structure and composition of the Earth and planets.

Synthesize scientific data in the context of geologic material properties, processes, and time.
Effectively apply crucial skills for employment including communication, creative and critical thinking, inquiry and analysis, and problem solving.
Interpret geologic history from field and/or remote sensing data.

Global opportunities

Global experience: With more than 300 programs available, Global Education (https://goglobal.asu.edu/) enables students in the geological and planetary sciences concentration to gain hands-on experience in a variety of programs all over the world.

Graduates with heightened cultural competency, leadership and critical thinking skills acquired through study abroad may stand out in a competitive field.

Career opportunities

Graduates are well prepared for a wide variety of careers in growing fields such as environmental geology, hydrogeology, geographical information systems analysis, critical mineral exploration, environmental consulting and natural resource management.

Career opportunities include:

environmental monitoring and exposure assessor
environmental or sustainability consultant
geologist
geophysicist
hydrogeologist
mineral exploration geologist or project manager
natural hazards assessment, mitigation and recovery specialist
natural resource manager
science teacher (K--12)
water resources scientist

Possible career settings include:

educational institutions
environmental consulting firms
environmental engineering firms
environmental industry organizations
federal, state and local government agencies
geotechnical industry organizations
museums
nonprofit organizations
petroleum industry companies
small exploration companies and large mining companies

Graduates are also prepared for graduate school in numerous disciplines within geoscience, planetary science, biogeoscience, science education or science communication.

For more information, students can visit the career opportunities page on the School of Earth and Space Exploration website.

Contact information

School of Earth and Space Exploration | ISTB4 795
https://sese.asu.edu/
sese-advising@asu.edu
480-965-5081

Economics, BS (LAECNBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Department of Economics at ASU provides the highest quality instruction to students, conducts innovative research and provides leadership and service to its professional communities. ASU is ranked No. 35 among global universities for economics and business (U.S. News & World Report, 2023--2024).

The Bachelor of Science in economics degree is built on a strong core of micro- and macroeconomic theory supplemented by mathematics, statistics and data analysis. The flexibility of the BS degree enables students to supplement their study of economics with elective coursework offered by The College of Liberal Arts and Sciences to broaden their knowledge and customize their program to suit individual goals and interests.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
Any math course that meets the MATH designation, except MAT 114 College Mathematics.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-college-liberal-arts-and-sciences/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The world is increasingly interconnected, and study abroad enables students to explore economics in other countries while developing in-demand professional skills, such as cross-cultural communication and problem-solving. Summer programs can provide students with experience at international financial institutions, helping them increase their understanding of economics on a global scale. Students can learn more on the Global Education Office (https://goglobal.asu.edu/) website.

Career opportunities

Graduates possess the analytical tools and critical-thinking skills that have led some to placements with top private companies and consulting firms as well as within government. Others have landed research assistantships with the Federal Reserve and other nonprofit research institutions.

Those choosing to continue their studies have earned admission to top master's degree and doctoral programs in the U.S. and abroad. Economics is considered one of the best majors as preparation for law school, and some graduates have gone on to the best law schools in the country.

Contact information

Economics Program in CLAS | CRTVC 412
https://wpcarey.asu.edu/economics-degrees/undergraduate

wpcareyecn@asu.edu
480-965-3531

Economics (Politics and the Economy), BS (LAECNPECBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in economics with a concentration in politics and the economy serves students who wish to pursue careers in business, economic and political consulting, political science, law and government.

In addition to economics coursework, the concentration requires courses that highlight the impact of government policies on the economy and the conditions under which government interventions may be warranted. Students take political science courses that provide a deep understanding of political processes and institutions, as well as methodologies for understanding the behavior relevant to them.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students who are interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Any math course that meets the MATH designation, except MAT 114 College Mathematics.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNPECBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: The world is increasingly interconnected, and studying abroad enables students to explore economics in other countries while developing in-demand professional skills, such as cross-cultural communication and problem-solving. Summer programs can provide experience at international financial institutions and help students increase their understanding of economics on a global scale.

Students can learn more on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Graduates are well prepared for successful careers in business, economic and political consulting, law and government, whether they seek employment immediately upon graduation or choose to pursue advanced degrees in law, business, economics or political science.

Contact information

Economics Program in CLAS | CRTVC 412
https://wpcarey.asu.edu/economics-degrees/undergraduate
wpcareyecn@asu.edu
480-965-3531

English, BA (LAENGBA)

College/School: The College of Liberal Arts and Sciences

Campus: Online

Program description

The Bachelor of Arts program in English is offered completely online.

Students supplement a core focus on critical studies and analysis with courses in literature, linguistics, film and media, and creative and nonfiction writing to complete a robust program of study.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (http://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-english/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Define and utilize key terms and conventions of literary, linguistics, and rhetorical scholarship.
Analyze the formal construction of texts from diverse rhetorical and literary traditions to explain how they function.
Compose original texts that situate their interpretations in conversation with multiple perspectives.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) expands students' perspectives by exposing them to new and distinct cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of more than 300 study abroad programs.

Students can enhance their resumes and educational experience with the heightened cultural competency, communication and critical thinking skills they acquire through study abroad.

The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in English. (https://goglobal.asu.edu/students/major/english)

Career opportunities

Graduates of degree programs in English are prepared for a variety of careers in diverse fields. Employers seek those with strong writing, communication and critical thinking skills. Some of the most common professions for English majors are in the fields of:

business
law
journalism
nonprofit service
publishing

Graduates often find roles in which they spend time:

developing web content
editing
managing public relations
teaching
writing professional and technical content

Graduates are also prepared to continue their studies in graduate and professional programs.

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

English (Creative Writing), BA (LAENGCBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in English with a concentration in creative writing focuses on the study and practice of the literary arts, with courses in poetry, fiction and creative nonfiction.

Students gain practical experience through writing workshops and internship opportunities.

The undergraduate program features an outstanding faculty whose many books have received major national and international recognition.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (http://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGCBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate a work-in-progress in poetry, fiction, or creative nonfiction and provide constructive feedback.
- Produce literary works (poems and stories) held to have merit by class peers and professor.

Produce of a portfolio of creative writing: original poetry or fiction, with attention to content and form, via significant revision process informed by craft lessons.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) expands students' perspectives by exposing them to new and distinct cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of more than 300 study abroad programs.

Students can enhance their resumes with the educational experience and heightened cultural competency, communication and critical thinking skills they acquire through study abroad programs.

The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in English with a concentration in creative writing (https://goglobal.asu.edu/students/major/english).

Career opportunities

Graduates of degree programs in English are prepared for graduate studies in a number of programs, including English, creative writing, education, law and business. They are also prepared for employment in a variety of careers in diverse fields. Employers seek those with strong writing, communication and critical thinking skills. Some of the most common professions for English majors are in the fields of:

business
journalism
law
media
nonprofit service
publishing

Graduates often find roles in which they spend time:

developing web content
editing
managing public relations
teaching
writing professional and technical content

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

English (Linguistics), BA (LAENGNBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts in English with a concentration in linguistics examines the history and structure of language. Students have the opportunity to study with distinguished faculty members actively engaged in scholarly research, and to gain practical experience through internships that prepare them for an ever-expanding variety of careers. The program also prepares students to continue their studies through programs such as ASU's accelerated Master of Teaching English to Speakers of Other Languages and accelerated Master of Arts in linguistics and applied linguistics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (http://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Linguistics and Applied Linguistics, MA

Teaching English to Speakers of Other Languages, MTESOL

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGNBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

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Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Conceptual expertise: Graduates of this program will be able to identify foundational concepts, topics and concerns in linguistics and applied linguistics.
Analytical expertise: Graduates of this program will be able to analyze and solve language- and communication-related problems by identifying and applying appropriate linguistic and applied linguistic tools and theory.
Disciplinary and domain expertise: Graduates of this program will be able to extend their knowledge of the various forms and functions of language and how that relates to the major domains or subfields of linguistics and applied linguistics.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) expands students' perspectives by exposing them to new and distinct cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of more than 300 study abroad programs.

Students' resumes are enhanced with the educational experience and heightened cultural competency, communication and critical thinking skills they gain through study abroad programs.

The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in English with a concentration in linguistics (https://goglobal.asu.edu/students/major/english).

Career opportunities

Degree programs in English prepare students for graduate studies in a number of programs, including English, creative writing, education, law and business. They also lead to a variety of careers in diverse fields. Employers seek those with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in the fields of:

business
journalism
law
nonprofit service
publishing

Graduates often find roles where they spend time:

developing web content
editing
managing public relations
teaching
writing professional and technical content

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

English (Literature), BA (LAENGTBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in English with a concentration in literature guides students from the earliest texts and cultures in English to contemporary expressions on paper, online and in the world. In learning to read critically, analyze narratives and understand how stories work to define the human experience, students can consider problems and find solutions while developing written and oral communication skills.

Students have the opportunity to engage with internationally renowned faculty in exploring literature, critical theories and methods from around the world. Students choose from a broad array of courses to further explore subjects such as race and ethnicity, gender and sexuality, and literary histories and traditions.

Students gain practical experience through research, writing and internships that prepare them for an ever-expanding variety of careers as well as for continuing their studies in graduate and professional programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (http://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGTBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze literary and cultural texts from a variety of critical and methodological perspectives.
Produce effective and well-supported arguments about literary and cultural texts written in the English language.
Produce critical arguments in response to other members of a discourse community about literature or other media.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) expands students' perspectives by exposing them to new and distinct cultures, communities and people. Students can explore English literature at a deeper level through the birthplaces of great written works written in one of ASU's more than 300 study abroad programs.

Students' resumes are enhanced with the educational experience and heightened cultural competency, communication and critical thinking skills they acquire through study abroad.

The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in English with a concentration in literature (https://goglobal.asu.edu/students/major/english).

Career opportunities

Degree programs in English prepare students for graduate studies in a number of programs, including English, creative writing, education, law and business. They also lead to a variety of careers in diverse fields. Employers seek those with strong writing, communication and critical thinking skills. Some of the most common professions for English majors are in the fields of:

business
journalism
law
media and public relations
nonprofit service
publishing

Graduates often find roles where they spend time:

developing web content
editing
managing public relations
teaching
writing professional and technical content

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

English (Narrative Studies), BA (LAENGNSBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in English with a concentration in narrative studies explores the varied forms, contexts and cultures of narrative. Drawing from a variety of perspectives and disciplines, students learn methods to critically interrogate the social, historical, aesthetic and ethical dimensions of story and storytelling.

Students gain an understanding of key narrative concepts and their uses across modalities. They become familiar with the diverse applications of narrative studies, including the principles of narrative generation and interpretation across a variety of traditional and emerging media, the uses of narrative in various spheres of social and political life, and creative and communicative practices.

Students of narrative studies are prepared to translate facts, events and stories into compelling narratives relevant for creative, professional and socially embedded purposes. Students are empowered to engage globally with pressing concerns, such as climate change, justice movements and the frontier of computational developments in artificial intelligence-generated narratives.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGNSBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad expands students' perspectives by exposing them to new and distinct cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of literature, dialects and rhetoric in one of more than 300 Global Education programs (https://goglobal.asu.edu/). Those who study abroad gain heightened cultural competency, and communication and critical thinking skills, enhancing their educational experience and their resumes.

Career opportunities

Degree programs in English prepare students for graduate studies in a number of programs, including English, creative writing, education, law and business. They also lead to a variety of careers in diverse fields. Educated professionals with expertise in narrative are in high demand because of the increasing importance of recognizing, critiquing, shaping, transforming and realizing the qualities of effective storytelling in an attention economy. Some of the most common professions for English majors are in the fields of:

- business
- journalism
- law
- media and public relations
- nonprofit service
- publishing

Graduates often find roles where they spend time:

- developing web content
- editing
- managing public relations
- teaching
- writing professional and technical content

Contact information

Department of English | RBHL 170
https://english.asu.edu/

englishadvising@asu.edu
480-965-3168

English (Secondary Education), BA (LAENGSEBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in English with a concentration in secondary education includes rigorous content in literature, composition, linguistics and secondary teaching pedagogy. This program provides extensive preparation for meeting the needs of all student populations, including attention to levels of academic performance and cultural and linguistic diversity.

Students finish the program with Arizona Department of Education certification for middle and high school English language arts. Both a fingerprint clearance and a background check are required in the second year of the program.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGSEBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze current and historic issues in connection to teaching English language arts in secondary schools.
Develop curriculum using English language arts content and pedagogical practices.
Develop lesson plans for English language integrating best practices for limiting common learning problems

Global opportunities

Global experience: Students who wish to pursue a future in education must understand the diverse sets of experiences, backgrounds and cultures that can shape the students in their classrooms. Students can gain firsthand experience of a wide variety of cultures and communities when they enhance their English degree with a Global Education program (https://goglobal.asu.edu/). With a diverse set of students and interests, the Department of English seeks to work with all students to create an international experience that meets their individual needs and goals.

In addition to providing a once-in-a-lifetime opportunity for students to build their skills in a distinct environment, Global Education programs help them stand out in the job market long after graduation.

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/students/major/english) for students majoring in English with a concentration in secondary education.

Career opportunities

Students graduating with a BA in English with a concentration in secondary education have tremendous opportunities for employment. Certified teachers continue to be in high demand in Arizona, and Arizona State University provides more of these teachers than any other institution of higher education.

After student teaching in school districts in the greater Phoenix area or within one of the 22 Native American nations in the state, graduates are often hired to teach in the same school where they completed their internship.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Department of English | RBHL 170

https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

English (Writing, Rhetorics and Literacies), BA (LAENGWBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Bachelor of Arts program in English with a concentration in writing, rhetorics and literacies, students learn strategies for inquiry and action.

Students explore the ways that communication creates knowledge and action, and they study how communication is constructed, circulated, reacted to and repurposed through time and place. Students investigate the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (http://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGWBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply available theories and/or methods given the demands of the rhetorical situation at hand or the problem to be investigated.
Identify and analyze the historic, cultural, and political contexts of rhetorical situations.
Compose arguments that respond to context and can be circulated, reacted to, and repurposed by audiences for sharing in and across various professional, social, and personal contexts.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) expands students' perspectives by exposing them to new and distinct cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of literature, dialects and rhetoric.

Those who study abroad gain heightened cultural competency as well as communication and critical thinking skills, which enhance their educational experience and their resumes.

More than 300 study abroad programs are available. The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/students/major/english) to students majoring in English.

Career opportunities

Graduates with a degree in English are prepared for graduate studies in a number of programs, including English, creative writing, education, law and business. They also have a variety of career opportunities in diverse fields. Employers seek those with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

business
editing
journalism
law
nonprofit organizations
professional and technical writing
public relations
publishing
teaching

- web content development

Contact information
Department of English | RBHL 170
https://english.asu.edu
englishadvising@asu.edu
480-965-3168

Family and Human Development, BS (LAFASBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description
The Bachelor of Science program in family and human development focuses on helping children and families thrive in the modern world by encouraging healthy relationships and tackling contemporary societal issues.

Students study the stages of human development throughout the life span and gain a deep understanding of the complex dynamics of human relationships in families, workplaces and communities. They also become proficient in written communication, research methodology and data analysis.

Elective courses provide a specialized skill set in areas such as infancy, adolescence and aging. Students may also participate in learning experiences outside the classroom, such as working in the Child Development Lab, working as a research assistant and completing an internship.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Family and Human Development, MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-family-and-human-development/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFASBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Apply developmental theory to the stages and domains of human development over the lifespan.
Describe theory and research on relational and family processes and the contexts in which they occur.
Analyze variations in family communication and relational patterns across different contexts.
Analyze social science research to determine the quality of the findings.

Global opportunities

Global experience: Through study abroad, students can explore different cultures and social dynamics while developing in-demand professional skills, including teamwork and problem-solving. Opportunities include homestays, which enable students to make connections with families in other countries. Students can stay on track academically while earning ASU credit over winter or spring break trips. More information is available on the Global Education website (https://goglobal.asu.edu/).

The College of Liberal Arts and Sciences recommends these programs

(https://goglobal.asu.edu/students/major/ssfd/family-human-development) to students majoring in family and human development.

Career opportunities

Graduates with a BS degree in family and human development are prepared for a rewarding career in:

- business
- child and family advocacy
- education
- government
- social services

This program also provides excellent preparation for future graduate work in:

- counseling
- health-related professions
- law
- social work

Contact information
Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/
advisor@asu.edu
480-965-6978

Film (Film and Media Studies), BA (LAFMSBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description
The Bachelor of Arts program in film and media studies in ASU's Department of English provides students with a comprehensive analysis of film, television, digital media and screenwriting. Students become critically informed writers, storytellers, critics and consumers of film and media.

They learn skills such as project research, critical thinking and effective messaging, preparing them for employment opportunities in a wide variety of fields.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (http://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-film-and-media-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFMSBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will be able to analyze the aesthetics of film, television and digital media texts.
Students will be able to analyze the cultural significance of representations of class, gender, nation, race and sexuality in film, television and digital media.
Students will be able to assess and analyze the business of film, television and digital media practices.

Global opportunities

Global experience: Students gain valuable experience through study abroad, experience that enhances their resumes. More than 300 Global Education programs (http://goglobal.asu.edu) enable students to tailor their experience to their specific interests and skill sets. In addition to providing students a once-in-a-lifetime opportunity, these programs enable them to hone their creative and communication skills in a distinct environment.

The College of Liberal Arts and Sciences recommends these study abroad programs

(https://goglobal.asu.edu/students/major/film-media-studies) for students majoring in film with a concentration in film and media studies.

Career opportunities

Graduates with a degree in film and media studies have skills that can be applied in a number of professional fields, including:

creative management
film
journalism
marketing and communications
social media
streaming
television
video games

Some graduates have gone on to pursue graduate studies at prestigious universities, while others elect to begin their careers. They are prepared for employment as:

analysts
bloggers
executives
marketers
producers
reviewers
screenwriters
teachers

Contact information

Department of English | RBHL 170
https://english.asu.edu/
englishadvising@asu.edu
480-965-3168

French, BA (LAFREBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in French offers students the opportunity to study the language, literature and culture of France and other French-speaking countries.

Students gain competence in reading, writing, speaking and listening to French, and they take a number of related courses on topics such as:

• art
• cinema
• colonization
• government and political science
• history and civilization
• international business
• literature and theater

• popular culture
• religion

Students are encouraged to join the French Club to help them gain proficiency in the language. In addition, the School of International Letters and Cultures offers faculty-directed summer study abroad programs (https://goglobal.asu.edu/) in Lyon, France, and Quebec, Canada, and it endorses partnership and exchange programs in French-speaking Africa, Canada and Europe.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Language Teaching, MA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFREBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

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Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Effectively communicate orally and in writing in French at the Intermediate to Advanced level according to the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency Guidelines.
Discuss major historical and contemporary works, genres, and trends of French and global Francophone literatures and cultures.
Synthesize Francophone cultural artifacts and contexts in a final project.

Global opportunities

Global experience: There is no better way to learn a language than to be immersed in it. Being surrounded by French speakers offers a learning experience that cannot be acquired in a classroom. By studying abroad (https://goglobal.asu.edu/), students have the opportunity not only to strengthen their language skills by living in a Francophone country, potentially with a local host family, but also to earn ASU credit toward their degree.

Career opportunities

Knowledge of multiple languages and having intercultural competencies enhance any occupation and offer graduates many career opportunities.

Career fields that involve using French include:

advertising, marketing and communications
diplomatic and foreign service
domestic and international business
fashion
film, television and multimedia
foreign correspondence and journalism
international student services and study abroad
interpreting and translation
teaching and research
travel and tourism

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/french-ba
silcadvising@asu.edu
480-965-6281

Gender, Women and Sexuality Studies, BA (LAWSTBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In this program grounded in intersectional feminism, students gain valuable insight into how the systems of inequality intermingle with race, gender, sexuality, immigration, class, globalization and other frameworks. Undergraduates gain necessary expertise in applying this knowledge to today's society.

Students are offered the opportunity to challenge conventional wisdom about gender and sexuality while exploring new ways of viewing the world through the social and physical world.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Gender, Women and Sexuality Studies, MA

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-women-and-gender-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAWSTBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze the ways in which gender intersects with other social locations in shaping ideology, as well as social, political and cultural institutions.
Apply digital literacy skills to present their research in the field.
Demonstrate an understanding of key concepts and methodologies in the field.

Global opportunities

Global experience: Study abroad enables students to immerse themselves in a different culture. Through study and internships, they discover how other cultures view women and gender, and they learn to analyze issues related to gender.

The Global Education Office (https://goglobal.asu.edu/) offers programs in more than 65 countries across the globe. The College of Liberal Arts and Sciences recommends specific study abroad programs (https://goglobal.asu.edu/students/major/sst/women-gender-studies) for students majoring in women and gender studies.

Career opportunities

Graduates are prepared for many different career opportunities and have obtained careers in a wide array of fields, including:

consulting
counseling
education
government
health care
law
nonprofits
women's advocacy

They are also well prepared for graduate and law school and have been admitted to prestigious programs.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Geographic Information Science, BS (LAGISBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Students in the Bachelor of Science program in geographic information science begin their study by gaining a strong foundational understanding of geographic information systems, statistical analysis and computer programming. Students expand on this foundation through upper-division coursework in the major that enables a pursuit of deeper and more focused understanding of the application of geographic information science technologies to complex environmental and societal issues.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 170 - Precalculus
or MAT 117 College Algebra
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/geographic-information-science-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGISBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students have the opportunity to apply their knowledge of geographic information science in a new and different setting through study abroad (https://goglobal.asu.edu/). Students can gain a deeper understanding of the complex societal and environmental issues that influence the uses of geographic information science.

Students' resumes are enhanced by the heightened cultural competence and improved communication and critical thinking skills acquired through study abroad.

Career opportunities

Graduates of the BS program in geographic information science pursue opportunities in the private and public sectors. Potential careers include:

- cartographer or photogrammetrist
- geographic information system technician
- geospatial information scientist or technologist
- location analyst
- mapping technician
- remote sensing scientist or technologist

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for

licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information
School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/undergraduate/geographic-information-science-bs
SGSUP.advising@asu.edu
480-965-7533

Geography, BS (LAGCUBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description
Geographers have a distinct spatial perspective in understanding the world, from global to local, through the twin lenses of space and place.

Students in the Bachelor of Science program in geography learn about natural features of the world, including landforms, plants, water and weather, as well as the impact humans have on the world. This degree program also emphasizes social science or environmental science dynamics involving economic patterns, human populations and transportation.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Geography, MA

Urban and Environmental Planning, MUEP
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-geography/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Will interpret geographic forms in the context of the United States using spatial skills and knowledge of physical geography processes.
Will analyze interactions between human geography and physical geography processes.
Will write a scholarly literature review on a contemporary geographical research problem.

Global opportunities

Global experience: Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. With more than 300 programs available, students who participate in a Global Education program (https://goglobal.asu.edu/) tailor their experience to their specific interests and skill sets. Studying abroad grants students the ability to explore the world and gain hands-on experience in diverse cultures and traditions. Students enhance their resumes with heightened cultural competency, and enhanced communication and critical thinking skills they acquire through study abroad.

Career opportunities

Having gained skills in geospatial techniques, geographers with a BS degree in geography go on to careers such as:

- computer cartographer
- environmental impact assessment analyst
- geographic information science specialist or analyst
- geomorphologist
- hydrology and water resource specialist
- location analyst for businesses
- photogrammetry specialist
- remote sensing analyst

Graduates also are presented with a host of other geospatial career options in the burgeoning fields of geographic information science, mapping and navigation systems.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/undergraduate/geography-bs
SGSUP.advising@asu.edu
480-965-7533

Geography, BA (LAGCUBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Combining the physical environment with human interaction, the Bachelor of Arts program in geography emphasizes humanistic and cultural traditions.

Students pursuing undergraduate studies in geography typically concentrate on knowledge-building in understanding various cultural phenomena or in studying regions such as Africa, Asia, Australia and Oceania, Europe, Latin America and North America.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Geography, MA

Urban and Environmental Planning, MUEP
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

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Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-geography/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Integrate spatial thinking knowledge and skills with knowledge of culture and cultural processes to be able to connect geographic processes to geographic forms in the context of the United States.
Apply geographic perspective when interpreting past international events that changed cultural landscapes.
Construct a scholarly literature review on a contemporary geographical research problem.

Global opportunities

Global experience: Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. Through study abroad programs, students explore the world and gain hands-on experience in diverse cultures and traditions.

With more than 300 Global Education programs (https://goglobal.asu.edu/) available, study abroad enables students to tailor their experience to their specific interests and skill sets. Students' resumes are enhanced by the heightened cultural competency, and communication and critical thinking skills acquired through study abroad.

Career opportunities

Geographers obtain careers in:

- community development
- foreign service
- geodemographic analysis
- governmental organizations
- intelligence analysis
- international trade
- public sector transportation planning
- teaching
- urban and regional planning

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/undergraduate/geography-ba
SGSUP.Advising@asu.edu.
480-965-7533

Geography (Meteorology-Climatology), BS (LAGCUMBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The meteorology-climatology concentration under the Bachelor of Science program in geography is designed to enable students to meet the requirements for certification as a meteorologist by the National Weather Service. It covers dynamic as well as synoptic meteorology.

Students gain a focused understanding of weather, climate and the various related methods of measurement and instrumentation. Required courses include atmospheric physics, operational weather forecasting, three semesters of calculus and two semesters of calculus-based physics.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Geography, MA

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer admission requirements: Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUMBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Construct a scholarly literature review (single outcome) on a contemporary geographical research problem in their capstone course.
- Solve specific radiative energy balance problems in the final exam for GPH 412 (Physical Meteorology).
- Apply knowledge of climate change theories to specific theoretical world constructs.

Global opportunities

Global experience: Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. With access to more than 300 Global Education programs (https://goglobal.asu.edu/) available around the world, students are able to tailor their experience to their specific interests and skill sets and gain hands-on experience in diverse cultures and traditions. Students' resumes are enhanced with the heightened cultural competence and improved communication and critical thinking skills acquired through study abroad.

Career opportunities

Program graduates have found employment with:

- airlines
- energy power companies
- government agencies
- military (meteorology and pilot training)
- National Weather Service

This program also provides suitable preparation for graduate study in either meteorology or climatology.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/undergraduate/geography-meteorologyclimatology-bs
SGSUP.advising@asu.edu
480-965-7533

German, BA (LAGERBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Students in the Bachelor of Arts program in German study the language, literature and culture of German-speaking people and gain competence in reading, writing, listening and speaking.

German classes provide opportunities for exploring how people in German-speaking Europe:

• engage with politics, economics, social justice and humanitarianism
• have become global leaders in the fields of business, engineering and the natural sciences
• think deeply about philosophy, the influence of history and the environment
• understand the world through literature, film, the performing arts and other cultural practices

Students are encouraged to participate in the School of International Letters and Cultures faculty-directed summer abroad program in Regensburg or in a semester or academic-year exchange program available at several German universities.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Language Teaching, MA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGERBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Compare and contrast German cultural processes with those of other cultures.
- Effectively communicate orally and in writing in German at the mid-to-high Intermediate level standards according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.
- Design projects on German cultural processes for a general and academic audience.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) is vital when learning the German language and culture: There is no better way to learn a language than to be immersed in it. Students can choose from two-week to full-year programs in German-speaking countries.

Studying abroad adds value to students' degrees by preparing them with the useful skills employers seek --- skills that are needed for leadership in a multicultural career.

Career opportunities

Knowledge of multiple languages and having intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent
- foreign media professional
- foreign service officer
- international banking and finance professional
- language, literature or culture teacher
- law and immigration professional
- multilingual administrative professional
- translator or interpreter
- travel professional

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/german-ba
silcadvising@asu.edu
480-965-6281

Global Asia Studies, BA (LAASIABA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in global Asia studies offers students an in-depth and comprehensive study of Asia --- China, Japan, Korea, Indonesia, India and other countries --- through a number of disciplines that are combined into a coherent plan of academic study. The program provides students with a variety of intellectual tools that enable them to address languages, religions and cultures, artistic traditions, political and social issues, and global networks of Asia as well as diasporic experiences of Asians, and to apply that knowledge in many academic and professional settings.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASIABA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students have the opportunity to immerse themselves in the cultures they are studying through global education programs (https://goglobal.asu.edu/) available throughout Asia. Students can deepen their understanding of Asian history and culture, and the heightened cultural competence and critical thinking and communication skills they acquire enhance their resumes.

The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in global Asia studies (https://goglobal.asu.edu/asia-studies-ba).

Career opportunities

People knowledgeable about Asia are needed in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- environmental studies
- government services and diplomacy
- higher education
- international business
- natural resource management
- popular art and culture
- supply chain management
- translation and editing
- transportation and tourism

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/

SHPRSadvising@asu.edu
480-965-8364

Global Health, BS (LASSHBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Science program in global health in the School of Human Evolution and Social Change exposes students to a comprehensive understanding of the factors that lead to morbidity around the world, including ecological, political, cultural, institutional, historical, evolutionary, social and technological factors. Students are equipped with the skills necessary to create effective, sustainable and culturally appropriate approaches to prevent, assess and mitigate disease, as well as to critically assess the work of others in their professional environments. The program helps learners to cultivate professional practice through a focus on the application of technical knowledge in professional settings by integrating recognized global health competencies.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Health, MS

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-global-health/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASSHBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad can be crucial in helping students gain a clearer view of the world, its peoples and the complex challenges that exist for all. There are numerous faculty-directed study abroad programs designed to connect students with real-life issues that impact local communities yet transect boarders. Whether studying environmental health issues in Australia or investigating ancient cultures in France, students can see the world and gain hands-on experience to prepare for a future-focused career through Global Education programs (https://goglobal.asu.edu/).

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/students/major/global-health) for students majoring in global health.

Career opportunities

Nationally and internationally, the health field provides varied career opportunities, and demand is growing for graduates who exhibit the recognized interprofessional global health competencies. The program supports the goals of those pursuing careers in academic research, programming, teaching and policy. Sample employment categories include:

- data analyst
- learning specialist
- program manager
- research associate
- technical advisor

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/

shesc.undergrad@asu.edu
480-965-6215

Global Health, BA (LASSHBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Arts program in global health is a transdisciplinary degree program that provides students with the skills and perspectives they need to understand and solve health challenges across the globe, while accounting for cultural, historical, biological and ecological factors.

Students learn to identify critical health issues, ask the right questions, and create the kinds of meaningful and effective solutions that top employers demand. Students participate in an approved global health study abroad program alongside faculty experts. A variety of destinations and topics are available.

Faculty in the School of Human Evolution and Social Change are recognized internationally for their work on pressing global health problems, such as health inequalities, chronic disease, family health, water and food insecurity, obesity and stigma, emergent infectious disease, resource management and evolutionary medicine.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Health, MS

Global Management (Global Affairs), MGM

Global Health, MA

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-health/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASSHBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad can be crucial in helping students gain a clearer view of the world, its peoples and the complex challenges that exist for all. There are numerous faculty-directed study abroad programs designed to connect students with current issues that impact local communities yet transect boarders. Whether studying environmental health issues in Australia or investigating ancient cultures in France, students can see the world and gain hands-on experience to prepare for a future-focused career through Global Education programs (https://goglobal.asu.edu/).

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/students/major/global-health) for students majoring in global health.

Career opportunities

Training in global health provides enormous and varied career opportunities, both national and international, and demand is high and growing for graduates with these skills. The major program supports the goals of those pursuing careers in health services, academic and applied research, and teaching. Potential employers include:

- departments of health
- government agencies
- international agencies (World Health Organization, Centers for Disease Control and Prevention, Global Health Council, World Bank, Inter-American Development Bank)
- nongovernmental organizations
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations such as migrants, minorities and those living in poverty; many of these jobs are directly or indirectly related to health.

Contact information

School of Human Evolution & Social Change | SHESC 233
https://shesc.asu.edu/
shesc.undergrad@asu.edu
480-965-6215

Global Studies, BA (LASGSBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Bachelor of Arts program in global studies, students examine the causes and consequences of problems that cross national boundaries, and the governance of these problems in social, cultural and economic contexts.

The program's internationally recognized faculty have extensive global experience from a wide variety of disciplines in the social sciences and humanities. Courses use case studies, research and public policy activities to address current problems and their solutions in various fields, including:

• economic and social development
• global cities and urbanization
• global governance of health and climate change
• justice and human rights
• religious identities, rights and conflicts
• world culture

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

International Affairs and Leadership, MA

Global Security (Irregular Warfare), MA

Global Security (Cybersecurity), MA

Global Security, MA

Political Science, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASGSBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad (https://goglobal.asu.edu/) not only satisfies degree requirements within the global studies major but also helps students develop a portfolio of experience, with research and internship opportunities available in an international setting. Students have the chance to challenge themselves to adapt and persevere under potentially difficult social and cultural circumstances. When studying abroad, students encounter many opportunities to improve their language skills and cultural competence, helping them to effectively communicate across populations.

The College of Liberal Arts and Sciences recommends specific study abroad programs (https://goglobal.asu.edu/global-studies-ba) for students majoring in global studies.

Career opportunities

Graduates have skills useful for success in political or government careers, law school, graduate study, business or the nonprofit sector. Many program graduates have found positions in:

- the courts and judicial administration
- foreign service organizations
- legislative staff organizations
- lobbying and advocacy groups
- local and national media organizations
- local, national and global nonprofit organizations
- multinational corporations
- national, state, and local government agencies
- political consulting
- research institutions

In addition, some graduates have gone on to other top-tier graduate and professional schools. These students have found a variety of employment opportunities in the fields of:

- communication

- education
- foreign service
- journalism
- law
- political science
- public service

Contact information
School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

History, BA (LAHISBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online
Only the stand-alone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.

Program description
Students pursuing a Bachelor of Arts in history study the growth and development of human society from political, social, economic and cultural perspectives. Students learn to craft stories from materials that other people have left behind --- constitutions, land deeds, diaries, guns and bones. They learn to make decisions about what to investigate, whom to believe, what happened first, and why things fell apart or came together.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, work on public history projects, conduct oral history interviews, perform qualitative analysis and present their findings in compelling ways to all kinds of audiences.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

History, MA

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-history/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Discern and articulate matters of historical cause and effect and construct a well-reasoned argument accounting for the necessary and sufficient causes of historical events.
Analyze and discuss historical change and continuity in American institutions and cultures.
Explore historical evidence in order to understand and compare competing perspectives on events.
Analyze continuity and change in global contexts, and understand the reasons for and consequences of dividing history into eras.
Acquire information about one or more societies outside of the United States and be able to analyze the culture and institutions of that society.

Global opportunities

Global experience: Understanding the events that have led humanity to this point is a large aspect of being a history major. There is no better way to understand historical events than through study abroad (https://goglobal.asu.edu/), living in the nations where the events happened, among the people and surrounded by the language and culture. Students gain not only memories that last a lifetime, but also skills that can help them succeed in every aspect of their professional and personal lives.

The College of Liberal Arts and Sciences recommends the following study abroad programs (https://goglobal.asu.edu/history-ba) for students majoring in history.

Career opportunities

History majors are in demand. They know how to find and evaluate evidence, form arguments and present analysis --- skills essential to most careers, including law, business, education, medicine and government.

Three out of four employers surveyed by the Association of American Colleges and Universities say they want colleges to place more emphasis on helping students develop five key learning outcomes: critical thinking, complex problem-solving, written communication, oral communication and applied knowledge in real-world settings. These learning outcomes are integral elements of an undergraduate degree in history.

History majors seek jobs in:

business and industry
communications
education
foreign service
law enforcement
museums
public administration
social services

History is an excellent foundation for graduate and professional studies in:

- business
- history
- justice studies
- law
- medicine
- public administration
- public history
- theology

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
fSHPRSadvising@asu.edu
480-965-8364

History (Secondary Education), BA (LAHISSEBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The secondary education concentration within the Bachelor of Arts program in history offers a flexible degree program for students who are considering a career in education. The concentration program fully prepares students for teaching and certification. At the same time, all the disciplinary knowledge of a traditional history degree provided by the program prepares students for a variety of noneducation careers.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, work on public history projects, conduct oral history interviews, perform qualitative analysis and present their findings in compelling ways to all kinds of audiences.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISSEBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Students will explore historical evidence in order to understand and compare competing perspectives on events.
Students will discern and articulate matters of historical cause and effect and construct a well-reasoned argument accounting for the necessary and sufficient causes of historical events.
Students will analyze continuity and change in global contexts and will understand the reasons for and consequences of dividing history into eras.
Graduates of the history program, secondary education concentration, will be able to develop lessons, unit plans and assessments for secondary school history courses.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) help students gain a global perspective and an increased appreciation for the history, philosophy and religion of different cultures.

The experience and understandings gained across borders can aid students in their future careers. Overcoming challenges through intuition and resourcefulness shows future employers that the graduate can tackle a variety of problems that may come up in the workplace.

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/history-ba) for students majoring in history.

Career opportunities

The combination of courses within the secondary education concentration offers a broad education that prepares graduates for careers in a variety of fields, including:

archival research
business and industry
education
law and law enforcement

public history
publishing
social work

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Integrated Studies, BA (LAISTBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in integrated studies was developed for the academically superior student whose interests lie beyond established departmental emphases and boundaries. Students who are approved for the major have the opportunity to work one-on-one with faculty mentors to create a personalized, focused and coherent course of study that draws its curriculum from more than one academic department or college.

The integrated studies degree program shares with all other liberal arts and sciences programs the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
This program is not available to first-year students. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of

recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an existing major offered by ASU. Students who meet these qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being approved to pursue this opportunity. Appointments may be scheduled by calling 480-965-6506.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students pursuing integrated studies are unique, innovative and passionate, and they have a wide variety of interests. With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, students can tailor their experience to their specific interests and skill sets. Students gain hands-on experience and heightened cultural competency, as well as leadership and critical thinking skills in programs across the globe.

Career opportunities

The professional and vocational opportunities provided by the integrated studies degree depend on the area of concentration and the particular focus of study. Graduates are prepared to enter the workforce and to pursue graduate and professional studies.

Contact information

Dean, The College of Liberal Arts and Sciences | ARM 112
https://thecollege.asu.edu/degree/undergraduate/integrated-studies-ba
thecollege@asu.edu
480-965-6506

Integrated Studies, BS (LAISTBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in integrated studies was developed for the academically superior student whose interests lie beyond established departmental emphases and boundaries. Students who are approved for the major have the opportunity to work one-on-one with faculty mentors to create a personalized, focused and coherent course

of study that draws its curriculum from more than one academic department or college.

The integrated studies degree program shares with all other liberal arts and sciences programs the goal of developing students' analytical abilities and communication skills. The program combines a breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
This program is not available to first-year students. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A"), and whose study interests are not met by an existing major offered by ASU. Students who meet these qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of pursuing this opportunity. Appointments may be scheduled by calling 480-965-6506.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students pursuing integrated studies are unique, innovative and passionate, and they have a wide variety of interests. With more than 300 Global Education programs (https://goglobal.asu.edu/) across the globe available to them, students can tailor their experience to their specific interests and skill sets and gain hands-on experience and heightened cultural competency, leadership and critical thinking skills.

Career opportunities

The professional and vocational opportunities provided by the integrated studies program depend on the area of concentration and the particular focus of study. Graduates are prepared to enter the workforce or pursue graduate or professional studies.

Contact information

Dean, The College of Liberal Arts and Sciences | ARM 112
https://thecollege.asu.edu/degree/undergraduate/integrated-studies-bs
thecollege@asu.edu
480-965-6506

International Letters and Cultures, BA (LASLCBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in international letters and cultures is grounded in the advanced study of at least one foreign language.

The program is more transcultural and transdisciplinary than a traditional languages and literatures degree program and is designed to encourage students to explore and challenge the traditional boundaries of cultures, texts and disciplines. Students work closely with faculty and advisors to choose a program that combines study and research in a minimum of two cultures or disciplines, or in both.

Students must meet with an advisor in the School of International Letters and Cultures to discuss this degree option. It is not recommended for first-year students.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Effectively communicate orally and in writing in one language other than English at the mid-to-high Intermediate level standards according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.
- Conduct a trans-lingual or trans-disciplinary research project in the two or more areas of language and/or cultural production.
- Analyze different kinds of existing, multimodal media sources that represent cross-cultural ideas or phenomena.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) is the perfect transition to life outside the classroom. As students become scholars in language and multiple cultures and how they intertwine, study abroad programs immerse them in the language of their choice. While studying abroad, students take courses in literature, history, sociology and more. They can gain a deeper insight into how common languages and cultures develop in particular areas of the world by studying abroad.

Career opportunities

Knowledge of multiple languages and having intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

foreign correspondent
foreign media professional
foreign service officer
international banking and finance professional
language, literature or culture teacher
law and immigration professional
multilingual administrative professional
translator and interpreter
travel professional

Possible career fields include:

advertising, marketing and communications
airline industry
film, television and multimedia
hospitality industry
hotel and resort management
international education and study abroad administration
international law
military
publishing
technology industries

Additional education and certification may be required for some career paths.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/international-letters-and-cultures-ba
silcadvising@asu.edu
480-965-6281

International Letters and Cultures (Arabic Studies), BA (LASLCASBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in international letters and cultures with a concentration in Arabic studies provides critical and cultural diversity in advanced Arabic language and literature.

This concentration complements existing degree programs in the School of International Letters and Cultures and enhances studies in social science disciplines such as political science and global studies, as well as many humanities fields, including anthropology, history, philosophy and religious studies. Students gain a broad knowledge and understanding of the culture, literature and traditions of the vast Arabic-speaking world.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No

First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCASBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Effectively communicate orally and in writing in Arabic at the mid-to-high Intermediate level standards according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

Evaluate cultural practices, film, religion, history, geography, arts, and politics in Arabic literature through research projects.
Apply literary criticism to a variety of primary Arabic sources.

Global opportunities

Global experience: As students become scholars in the language, cultures and history of the Arabic-speaking world, studying abroad is the perfect transition to life outside the classroom. Students can become culturally and linguistically immersed while gaining a deeper insight into a particular part of the world. Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment.

Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and increase their ability to work with diverse groups of people. When studying abroad, students gain a global perspective and knowledge that prepare them for a future-focused career.

Career opportunities

Graduates of the program have greater insight into the vast Arab world of 22 countries, leading to career opportunities in areas such as journalism, translation, international consultations, government (e.g., United Nations, CIA), social work, law and health.

Graduates are prepared for a thriving job market. The degree also benefits those interested in academic research and careers in public and diplomatic service, and national security.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/international-letters-and-cultures-arabic-studies-ba
silcadvising@asu.edu
480-965-6281

International Letters and Cultures (Classical Civilization), BA (LASLCVBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Bachelor of Arts program in international letters and cultures with a concentration in classical civilization, students gain a thorough grounding in the literature, culture and history of the ancient Greeks and Romans, which have provided a lasting foundation for innovative leaders and societies in the past and the present.

Students can build a program to meet their needs and interests in fields including:

• ancient art and architecture
• ancient history, war, politics and economics
• archaeology of the ancient Mediterranean world
• mythology and religious practices
• renowned philosophers and writers such as Plato, Aristotle and Lucretius
• use of the classics in film, books and other media

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCVBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Describe significant people, events, cultural products and practices from ancient Greek or Roman antiquity.
Conduct a comprehensive research study examining aspects of ancient Greek or Roman cultures.
Construct or evaluate an argument using secondary theories to interpret primary sources.

Global opportunities

Global experience: Students can walk the same steps as some of the most famous thinkers, historians and poets in history. Studying classical civilizations helps renew many of the ideas, languages and societies that have shaped the modern day. Ancient civilizations are brought to life when students see the connections between the past and present.

Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options available, whether in a foreign country, in the U.S. or online, provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment. Students build communication skills, are challenged to adapt and persevere, and are exposed to differences across the world as they enhance their ability to work with diverse groups of people.

Career opportunities

Graduates with a degree in classical civilization have gained a new perspective that serves them well in a variety of disciplines. Classical civilization graduates may consider careers in:

business
film, television or multimedia
K--12 education
law
public service
writing and editing (fiction, journalism, technical writing)

Additional education may be required for some career fields.

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/international-letters-and-cultures-classical-civilization-ba
silcadvising@asu.edu
480-965-6281

International Letters and Cultures (Classics), BA (LASLCCBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in international letters and cultures with a concentration in classics begins with two cores: language skills in ancient Greek or Latin (or, if the student chooses, both) and knowledge of ancient history.

Among the variety of topics students pursue are:

• ancient art and architecture
• ancient history, war, politics and economics
• archaeology of the ancient Mediterranean world
• literary classics such as those by Homer, Sophocles, Virgil and Ovid
• mythology and religious practices
• renowned philosophers and writers such as Plato, Aristotle and Lucretius
• use of the classics in film, books and other media

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCCBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Translate ancient Greek or Latin texts, in both prepared and at-sight passages.
Analyze features of genre and style in the text(s) or author(s) they read in their historical context(s).
Construct or evaluate an argument using secondary theories to interpret primary sources.

Global opportunities

Global experience: Students can walk the same steps as some of the most famous thinkers, historians and poets in history. Studying classical civilizations helps renew many of the ideas, languages and societies that have shaped the modern day. Ancient civilizations are brought to life when students see the connections between the past and present.

Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options available, whether in a foreign country, in the U.S. or online, provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career, as well as personal enrichment. Students build communication skills, are challenged to adapt and persevere, and are exposed to differences across the world, and they increase their ability to work with diverse groups of people.

Career opportunities

Graduates with a degree in the classics have skills in research and the precise use and analysis of language. The transdisciplinary study of a culture that is very different from that of the modern world yet lies at the root of it also fosters the ability to view issues from many angles and to think critically about them.

As many employers are well aware, a classics graduate has the training to solve difficult puzzles, see through obscure language and conduct rigorous research on often ill-defined problems. These skills are prized in any field of endeavor. Classics graduates often find careers in:

business
Christian ministry
education
film, television and multimedia
law
politics
writing and editing (fiction, journalism, technical writing)

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/international-letters-and-cultures-classics-ba
silcadvising@asu.edu
480-965-6281

International Relations, BS (LAINRBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In a globalized world with increasing political, economic, demographic and climatic challenges, studies in international relations are all the more prized by the public and private sectors.

Students in the Bachelor of Science program in international relations develop analytic and quantitative skill sets and mastery of forward-thinking content areas through rigorous curriculum, distinct internships and research. Students

gain valuable practical knowledge about national security, cybersecurity, AI-intelligence strategies, conflict processes, diplomacy, international trade, and both international organizations and countries across the globe.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

International Affairs and Leadership, MA

Global Security (Irregular Warfare), MA

Global Security (Cybersecurity), MA

Global Security, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/international-relations-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAINRBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Faculty expertise and an international network of public, private and nonprofit partnerships provide international relations students with distinct and impactful internships and research opportunities at home, in Washington, D.C., and abroad. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, international relations students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

International relations graduates leverage their analytic, statistical and communication skills to pursue careers in intelligence, security, international trade and public policy, and other data-driven forecasting fields. They are prepared for a variety of employment opportunities in:

- data analytics
- foreign service
- intelligence and security
- journalism
- law
- political science
- politics
- public relations

Program graduates are prepared for positions in the following types of establishments:

- federal and international civil service
- foreign service organizations
- intelligence and security agencies and contractors
- international agencies and organizations
- international development institutions
- law firms specializing in international law
- lobbying and advocacy groups
- local, national and global nonprofit organizations
- local and national media organizations
- multinational corporations
- political consulting firms
- research institutions

In addition, graduates are well positioned to attend top-tier graduate, law and professional schools in global trade, public policy, diplomacy and leadership, political science and data analytics.

Contact information

School of Politics and Global Studies | COOR 6797

https://spgs.asu.edu/
spgs@asu.edu
480-965-8563

International Relations, BA (LAINRBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description
In a globalized world with increasing political, economic, demographic and climatic challenges, studies in international relations are all the more prized by the public and private sectors.

Students in the Bachelor of Arts program in international relations develop analytic skill sets and mastery of forward-thinking content areas through rigorous curriculum, distinct internships and research opportunities. Students learn about national security, cybersecurity, AI-intelligence strategies, conflict processes, diplomacy, international trade, and both international organizations and countries across the globe.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

International Affairs and Leadership, MA

Global Security (Irregular Warfare), MA

Global Security (Cybersecurity), MA

Global Security, MA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/international-relations-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAINRBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Faculty expertise and international networks of public, private and nonprofit partnerships provide international relations students with distinct and impactful internships and research opportunities at home, in Washington, D.C., and abroad. With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, international relations students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

International relations graduates leverage their critical thinking and communication skills, cross-cultural competencies and valuable practical knowledge to pursue careers as foreign service officers, security analysts and policy analysts, and in other data-driven roles. Specifically, their sector-spanning analytic skills are useful for successful careers in many areas, including:

- foreign service
- journalism
- judicial administration
- law
- political analysis
- political consulting
- politics
- public relations

Program graduates are prepared for positions in the following types of settings:

- the courts
- foreign service organizations

- international agencies and organizations
- legislative staff organizations
- lobbying and advocacy groups
- local, national and global nonprofit organizations
- local and national media organizations
- multinational corporations
- national, state and local government agencies
- research institutions

In addition, graduates are well positioned to attend top-tier graduate, law and professional schools in public policy, diplomacy and leadership, political science, data analytics and global trade.

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs@asu.edu
480-965-8563

Italian, BA (LAITABA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Bachelor of Arts program in Italian, students learn to speak, write, read and comprehend Italian. They develop the ability to think critically, learn about and appreciate the historical and contemporary cultures of the Italian peninsula and their relationship to other global traditions, and develop empathy as globally informed leaders.

Students complete courses on topics such as:

• art
• culture
• film
• government
• history
• literature
• religion

Students have a choice of four faculty-directed programs in Italy. In their chosen program, students can focus on developing their linguistic skills and learn more about Italy's contemporary responses to global challenges, such as natural disasters and the industrialized food system.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAITABA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Effectively communicate orally and in writing in Italian at the Advanced level standards according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.
- Analyze current social and environmental challenges in Italy and across cultures.
- Effectively communicate research findings through different media and platforms.

Global opportunities

Global experience: Students have the opportunity to be immersed in the Italian language and culture through a Global Education program (https://goglobal.asu.edu/), a vital component to the major. Experience in Italy adds value to the degree, preparing students to take off in an exciting, multicultural career with valuable skills that employers seek, such as communication and problem-solving.

Students majoring in Italian can study in Italy while taking courses in a variety of areas.

Career opportunities

Knowledge of multiple languages and having intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent
- foreign media professional
- foreign service officer
- international banking and finance professional
- language, literature or culture teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- translator and interpreter
- travel professional

Contact information
School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/italian-ba
silcadvising@asu.edu
480-965-6281

Jewish Studies, BA (LAJSTBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description
The Bachelor of Arts program in Jewish studies offers a transdisciplinary, cross-cultural and temporally expansive program of study. It focuses both on the study of Judaism as a religion and on Jewishness as a distinct set of cultural values, peoplehood and historical legacy.

As with other degree programs in the humanities or social sciences, a BA program in Jewish studies provides an intellectual balance and complement to the study of science and technology. By engaging the Jewish experience as both a historical and contemporary reality, the program facilitates enhanced cultural, historical and global awareness.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information= and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJSTBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and

resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad programs can help students connect the past to the present. Judaism dates back to ancient times, and people of this heritage can be found all over the world. Students can immerse themselves in places that hold much significance for Jewish peoples, whether in Israel or elsewhere in the diaspora.

Participation in one of the more than 300 available Global Education programs (https://goglobal.asu.edu/) can provide practical experience that complements skills and lessons learned in the classroom. Studying abroad helps students gain a global perspective and an increased appreciation for the history, philosophy and religion of different cultures. In addition, the experience and understandings gained across borders can aid in a competitive job search.

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/jewish-studies-ba) for students majoring in Jewish studies.

Career opportunities

Graduates who receive a bachelor's degree in Jewish studies and pursue a career with one of the hundreds of U.S. companies that do business in Israel have a competitive edge because of their familiarity with Jewish culture.

Jewish studies graduates are also prepared to:

- attend rabbinical seminary in preparation for becoming a community rabbi or chaplain
- engage in world political and economic issues
- pursue advanced education in Jewish professional service fields

The degree also provides a firm foundation for those who wish to pursue advanced degrees related to their area of interest in fields that may include:

- archaeology
- creative writing
- ethics
- film and media
- history
- journalism
- law and justice studies
- philosophy
- political science
- religious studies

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Justice Studies, BS (LAJUSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Science in justice studies is an innovative social science and liberal arts program that examines current and historical social justice issues. Students explore social justice in the context of inequality, race, gender, citizenship,

indigeneity or other major contemporary issues.

This program provides a broad approach to understanding justice within the legal system and in wider social contexts. To provide students with the analytical skills required of today's workforce, the program offers a social science focus and requires students to enroll in a quantitative data analysis course.

Students use multiple research methodologies to understand social justice issues in diverse settings, working with a variety of people and cultures. The skills gained enable students to create real change.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Social and Cultural Pedagogy, MA

Public Administration, MPA

Justice Studies, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-justice-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJUSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze a current justice issue.
Explore and analyze key concepts and methodologies in the field.
Apply principles in justice studies to research activities or community engagement.

Global opportunities

Global experience: Human rights, violence, resource conflict and immigration are some of the issues that every country currently faces in some form or another. One of the best ways students can investigate potential solutions is by observing patterns from one culture to another through study abroad (https://goglobal.asu.edu/). Students who study issues of justice in another culture can bring a new lens to their own experience and become positive changemakers in the world.

The College of Liberal Arts and Sciences recommends specific study abroad programs (https://goglobal.asu.edu/students/major/sst/justice-studies) for students majoring in justice studies.

Career opportunities

Graduates emerge from this program with knowledge and skills that enable them to identify and address social justice concerns as they manifest in their professional lives. Program graduates work in a variety of fields, including:

business
economics
education
human welfare and social work
international relations
law
nongovernmental organizations
politics
public service fields

- social advocacy

Many graduates go on to law school, graduate school or other professional degree programs.

Contact information
School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Justice Studies, BA (LAJUSBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description
The Bachelor of Arts in justice studies is an innovative social science and liberal arts program that examines contemporary and historical social justice and inequality in a variety of contexts, including race, gender, sexuality, citizenship, indigeneity and other significant areas.

This program provides a broad approach to understanding justice, both in the legal system and in wider social contexts, including the many social justice issues that occur across countries and cultures. Students acquire the kind of broader perspective required in today's workforce, through a liberal arts focus and the requirement to enroll in language courses.

Students are equipped with a dynamic knowledge of the world's justice systems and gain the skills to create meaningful change.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Social and Cultural Pedagogy, MA

Public Administration, MPA

Justice Studies, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/justice-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJUSBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Able to analyze a current justice issue.
- Explore and analyze key concepts and methodologies in the field.
- Apply principles in justice studies to research activities or community engagement.

Global opportunities

Global experience: Human rights, violence, resource conflict and immigration are some of the issues that every country currently faces in some form or another. One of the best ways students can investigate potential solutions is by observing patterns from one culture to another when studying abroad (https://goglobal.asu.edu/). Students who study

issues of justice in another culture can bring a new lens to their own experience and become positive changemakers in the world.

The College of Liberal Arts and Sciences recommends specific study abroad programs (https://goglobal.asu.edu/students/major/sst/justice-studies) for students majoring in justice studies.

Career opportunities

Graduates emerge from this program with knowledge and skills designed to advance social justice in a variety of careers. Program graduates work in many fields, including:

- administration
- education
- human welfare and social work
- law
- local, state and federal government
- nongovernmental organizations
- philanthropy
- public service fields
- social advocacy
- unions

Many graduates go on to graduate school, including law school and other professional degree programs.

Contact information

School of Social Transformation | WLSN 5th floor
https://sst.asu.edu
SSTadvising@asu.edu
480-965-7682

Mathematics, BS (LAMATBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Bachelor of Science program in mathematics, students acquire a deep grounding in both theoretical and applied mathematical concepts. Courses cover a broad spectrum of advanced mathematical topics, including differential equations, modeling, numerical analysis, number theory, topology, cryptography and real analysis. This degree focuses on the highest levels of math offered in undergraduate courses and is recommended for those who are considering a graduate degree in mathematics.

This degree pairs well with several other areas of study in a variety of fields, including computer science, physics, astrophysics and engineering, as well as economics, business, music and art.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-

students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mathematics, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Analyze quantitative problems and draw conclusions by applying proper mathematical theories.
Synthesizing definitions and previous theoretical results to draw new conclusions and prove them.
Apply concepts from advanced mathematics to solve real-world problems in STEM fields

Global opportunities

Global experience: Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment.

Whether in a foreign country, in the U.S. or online, students are encouraged to build communication skills, challenged to adapt and persevere, and exposed to differences across the world as they increase their ability to work with diverse groups of people. Graduates who have heightened cultural competence, and leadership and critical thinking skills acquired through study abroad may stand out in a competitive job market.

Career opportunities

Graduates with a BS degree in mathematics go on to careers in areas such as research, computer science, cybersecurity, law, finance, biotechnology, government, engineering, health care and education. Additionally, graduates have a strong foundation to pursue further mathematical studies.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Mathematics, BA (LAMATBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Students in the Bachelor of Arts degree program in mathematics apply the critical thinking, reasoning and problem-solving skills they learn to many endeavors. Students complete courses that provide a strong mathematics background, and liberal arts requirements, including a foreign language.

The flexibility of the BA makes it particularly well suited for several combinations of concurrent degrees. As an example, a student could earn a BA in mathematics and a concurrent degree in a foreign language, such as Spanish, or other complementary degrees such as music, sustainability, economics or philosophy.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Draw conclusions about quantitative problems by analyzing their structure and applying valid logical reasoning.
- Complete the process of synthesizing definitions and previous theoretical results to draw new conclusions and prove them.
- Apply concepts from advanced mathematics to practical problems in STEM fields.

Global opportunities

Global experience: Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career, as well as personal enrichment.

Whether in a foreign country, in the U.S. or online, students are encouraged to build communication skills, challenged to adapt and persevere, and exposed to differences across the world, and they enhance their ability to work with

diverse groups of people. Graduates who possess heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive job market.

Career opportunities

The BA program in mathematics is a fantastic option for students interested in where and how math fits on the broad spectrum of human endeavor.

A BA degree in mathematics can be the springboard to many different careers in fields such as law, economics, financial analysis, medical science, business management, education, health care and technology.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Mathematics (Secondary Education), BS (LAMATSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The Bachelor of Science program in mathematics with a concentration in secondary education provides an excellent pathway for students interested in teaching. This degree program offers a mastery of mathematics, an understanding of teaching best practices, and the ability to handle the challenges of a high school classroom.

Students who wish to teach at the secondary level take courses that prepare them to earn certification in the state of Arizona through this program. Graduates emerge equipped to provide mathematics communication that is coherent, meaningful and challenging.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Able to complete the process of synthesizing definitions and previous theoretical results to draw new conclusions and prove them.
- Able to apply the proper cognitive, curricular, and pedagogical theories appropriate to the design and evaluation of mathematics instruction and instructional materials.
- Able to analyze quantitative problems and draw conclusions by applying proper mathematical theories.

Global opportunities

Global experience: Students who wish to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the students in their classrooms. Students can enhance their mathematics degree with a global education program (https://goglobal.asu.edu), in which they can boost their communication skills and gain firsthand experience in a wide variety of cultures and communities.

Career opportunities

The mathematics BS degree with a secondary education concentration provides fantastic preparation for careers in teaching and education. In addition to the option of teaching high school mathematics, options for jobs in diverse fields include business, finance, industry and technology. Graduates can also choose to pursue graduate-level studies in mathematics or mathematics education.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Mathematics (Statistics), BS (LAMATTBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

Statistics involves identifying relevant details of data and how to best collect that data to make reliable conclusions. In the Bachelor of Science program in mathematics with a concentration in statistics, students gain a strong math background with a focus on statistics. Flexibility is built into the program, giving students the freedom to explore other mathematical areas of interest in addition to statistics.

Using statistical methods, students discover how to generate insights that inform fact-based decision-making and research through statistical inference and controlled experimentation. They use next-generation techniques to study and explore strategies for dealing with uncertainty.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Statistics, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATTBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Devise strategies that leverage the proper mathematical and statistical tools for application to the analysis of data.
Perform statistical analysis of data, in order to draw valid conclusions.
Perform the process of analyzing quantitative problems and drawing conclusions by applying proper mathematical theories.

Global opportunities

Global experience: Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and increase their ability to work with diverse groups of people.

Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment. Graduates who have the heightened cultural competence, and leadership and critical thinking skills acquired through study abroad may stand out in a competitive field.

Career opportunities

Based on factors such as pay, growth and job satisfaction, statistics has been named in separate job reports as one of the best career areas, and statistical analysis and data mining have been identified as two of the most desirable skills in today's job market.

The U.S. Bureau of Labor Statistics projects 12% employment growth for statisticians by 2033. The role of statistical thinking is exploding in many important areas, such as biostatistics, business analytics and the social sciences. For those pursuing a BS in mathematics with a concentration in statistics, that means an exciting future of career opportunities in fields including:

- biostatistics
- business
- economics
- engineering
- finance
- government
- marketing
- sports
- technology

Contact information

School of Mathematical and Statistical Sciences | WXLR 216
https://math.asu.edu
math@asu.edu
480-965-7195

Microbiology, BS (LAMICBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Bachelor of Science program in microbiology, students develop an understanding of microorganisms, their interrelationships with other organisms, and their influence in biomedicine and biotechnology.

They investigate the fundamental nature of microbes, explore the role of microbes as model experimental subjects, and examine the significant portion of medical research that employs microbiological and immunological methods in order to understand basic genetic and biological phenomena.

Students gain hands-on laboratory and field experience by working with distinguished faculty and have opportunities to engage in independent research projects and internships, complementing their coursework.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Creative Industries and Design Thinking), MGM

Microbiology, MS

Biology, MS

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Molecular and Cellular Biology, MS

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Computational Life Sciences, MS

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMICBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
Effectively communicate complex scientific concepts, ideas, and reasoning, with appropriate use of relevant sources and evidence.
Demonstrate mastery in performing and interpreting results of microbiology lab tests.

Global opportunities

Global experience: Students gain valuable, resume-enhancing experience when studying abroad (https://goglobal.asu.edu/). Microbiology students are able to expand their knowledge of how microbes impact people and society in a variety of cultures, and challenge themselves to adapt and persevere in a new and exciting culture.

With more than 300 programs available, study abroad enables students to tailor their experience to their distinct interests and skill sets. The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in microbiology. (https://goglobal.asu.edu/students/major/sls/microbiology)

Career opportunities

Graduates with a BS degree in microbiology have gained critical thinking skills in a diverse discipline, giving them a solid platform for advanced research, graduate study and other professional programs, including dentistry, medicine, veterinary medicine and pharmacy.

The program also prepares graduates for direct entry into a variety of careers and positions, including in government, hospital, and research or industrial laboratory settings, and to pursue projects in the areas of food, dairy, chemicals, pharmaceuticals, environment, biotechnology and public health.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/microbiology-bs
sols.advising@asu.edu
480-727-6277

Microbiology (Medical Microbiology), BS (LAMICMBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in microbiology with a concentration in medical microbiology is tailored for students who wish to pursue careers in medicine, other health professions, medical microbiology or biomedical research.

The curriculum aligns with the broad scientific competencies recommended for premedical students. Program participants delve into microbiology, chemistry, biochemistry, math and physics, cell biology, animal physiology, and human biology and society, making them well versed in the core concepts, competencies and critical intellectual skills necessary for the MCAT and medical school admission.

Students gain hands-on experience with distinguished faculty, and they have opportunities to engage in independent research projects or internships.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Microbiology, MS

Biology, MS

Computational Life Sciences, MS

Global Management, MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMICMBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
- Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
- Demonstrate mastery in performing and interpreting results of microbiology lab tests.

Global opportunities

Global experience: Students gain valuable experience when studying abroad (https://goglobal.asu.edu/). Those pursuing a medical microbiology concentration are able to expand their knowledge of how human biology is impacted by a variety of societies and cultures, and they challenge themselves to adapt and persevere in a new and exciting culture.

With more than 300 programs available, study abroad enables students to tailor their experience to their specific interests and skill sets, and gain experience that enhances their resumes. The College of Liberal Arts and Sciences

recommends these study abroad programs for students majoring in medical microbiology (https://goglobal.asu.edu/students/major/sls/microbiology-medical-microbiology).

Career opportunities

Graduates of the medical microbiology concentration within the microbiology major have gained mastery of the competencies and prerequisite requirements valued by graduate programs in medical, dental and optometry fields, as well as other programs that prepare students to become physician assistants or physical therapists.

Graduates of this program have an understanding of the process of science and knowledge of foundational concepts in biological sciences, chemistry, physics and statistics, and they have gained the ability to understand and apply core microbiology concepts. Through this groundwork, graduates are prepared for direct entry into biology research careers in a vast number of areas, including cellular biology, immunology, bacteriology and virology.

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/microbiology-medical-microbiology-bs
sols.advising@asu.edu
480-727-6277

Molecular Biosciences and Biotechnology, BS (LAMBBBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

In the Bachelor of Science program in molecular biosciences and biotechnology, students discover advanced disciplines in life sciences research and explore the exciting and rapidly growing field of biotechnology.

They examine the interface between molecular biology and biotechnology that drives major advancements in knowledge and applied research and development.

To complement their coursework, students gain hands-on research and business experience through a capstone course with distinguished faculty. Students also have access to a dedicated mentoring program, giving them the opportunity to engage in independent and collaborative research projects and receive feedback and advice on career choices, internships and more.

This program is available as an accelerated degree program (https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science).

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biochemistry (Medicinal Chemistry), MS

Microbiology, MS

Biology, MS

Molecular and Cellular Biology, MS

Public Administration, MPA

Computational Life Sciences, MS

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMBBBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Demonstrate capacity for scientific thinking by applying relevant background knowledge to analyze and/or develop scientific explanations.
Effectively communicate complex scientific concepts, ideas, and reasoning with appropriate use of relevant sources and evidence.
Demonstrate preparedness for graduate/professional degree programs and/or employment.

Global opportunities

Global experience: Students gain valuable, resume-enhancing experience when studying abroad (https://goglobal.asu.edu/). Students majoring in molecular biosciences and biotechnology can expand their knowledge of how science impacts society in a variety of cultures and how technology and culture intertwine across the globe.

With more than 300 programs available, studying abroad enables students to tailor their experience to their specific interests and skill sets. The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in molecular biosciences and biotechnology (https://goglobal.asu.edu/students/major/sls/molecular-biosciences-biotechnology).

Career opportunities

Graduates of the BS program in molecular biosciences and biotechnology have a solid base of knowledge and practical expertise that enable them to pursue advanced research and graduate study in biological sciences, medicine, sustainability and technology.

With critical thinking, hands-on research and business entrepreneurship skills gained through this program, graduates are prepared for direct entry into a wide variety of careers in a dynamic and expanding field. Graduates pursue positions in agriculture (green biotechnology, leading to improved crops or production of vaccines in plants); health care (red biotechnology, leading to better therapeutics, diagnostics and personalized medicine); and industry (white biotechnology, leading to sustainable production of energy, enzymes and chemicals).

Contact information

School of Life Sciences | LSC 104
https://sols.asu.edu/degree/undergraduate/molecular-biosciences-and-biotechnology-bs
sols.advising@asu.edu
480-727-6277

Neuroscience, BS (LABMENBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Neuroscientists seek to understand how the brain and nervous system operate to control bodily function, behavior and our mental states. Students in the Bachelor of Science program in neuroscience receive comprehensive interdisciplinary training at the crossroads of biology, chemistry and psychology, along with specialized focus in key neuroscience domains:

• Behavioral neuroscience: How does the brain work to control behavior?
• Cellular and molecular neuroscience: How do the cells of the nervous system work?
• Cognitive neuroscience: How does brain activity underlie our thoughts and emotions?
• Systems neuroscience: How do the billions of neurons work together?

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 251 - Calculus for Life Sciences
or MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Microbiology, MS

Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/neuroscience-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABMENBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Describe the structure and function of the nervous system at cellular, systems, and behavioral levels.
Evaluate scientific articles and research-related evidence pertaining to neuroscience phenomena.
Communicate scientific information in an organized and coherent manner.

Global opportunities

Global experience: Students can gain valuable experience when studying abroad, experience that enhances their resumes. Students majoring in neuroscience are able to expand their communication and research skills and challenge themselves to adapt and persevere in a new and exciting culture.

With more than 300 programs available (https://goglobal.asu.edu/) in a variety of cultures, study abroad enables students to tailor their experience to their specific interests and skill sets. The College of Liberal Arts and Sciences recommends specific study abroad programs (https://goglobal.asu.edu/students/major/sls/neuroscience) for students majoring in neuroscience.

Career opportunities

The BS program in neuroscience equips students for diverse career trajectories in health and research, as well as a variety of STEM fields. Graduates are well prepared for professional opportunities in academic research, bioengineering, biotechnology, data science, law, medicine, medical research, psychology, pharmaceutical research and development, and physical and speech rehabilitation.

This program's rigorous curriculum imparts skills that are applicable across the health sciences, offering graduates the flexibility they need to take their first steps toward their chosen profession. Furthermore, students gain the foundational knowledge necessary to excel in competitive graduate-level programs within biomedical fields such as medicine, nursing, clinical professions, technology and veterinary medicine.

Contact information

Department of Psychology | PSY 202
https://psychology.asu.edu/
psych.advisor@asu.edu
480-965-7258

Philosophy, BA (LAPHIBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program description

The Bachelor of Arts program in philosophy teaches students how to think well, which in turn lays the foundation for personal and professional success.

Philosophy students learn how to structure arguments, write precisely and clearly, and communicate their ideas in an orderly, persuasive and unambiguous way. Many philosophical texts are complicated, and philosophy courses teach students how to read, comprehend and summarize conceptually difficult material. In short, studying philosophy trains one to be a better, clearer thinker.

Coursework includes the major subfields of philosophy, such as metaphysics, epistemology and ethics, and electives that connect philosophy to other areas of inquiry, emphasizing the social relevance of philosophy.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-philosophy/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHIBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Present and defend a philosophical view using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.
Present and explain central philosophical positions from key figures in the historical development of philosophical thought, especially their metaphysical and epistemological positions.
Evaluate how well different normative ethical theories such as consequentialism, deontology, virtue theory provide moral standards that dictate which (if any) actions are right and wrong or how well different metaethical theories such as realism, expressivism, relativism, and nihilism account for the meaning and truth of moral claims.
Evaluate arguments for formal validity and construct formal proofs. Students will be able to capture the logical form of prose arguments.

Global opportunities

Global experience: Students can explore a diverse variety of cultures and philosophies through study abroad. Study abroad programs help students gain valuable skills, such as problem-solving, communication and adaptability skills, as well as cultural competence, enhancing their resumes. With more than 300 distinct programs around the globe available to them, students can tailor their study abroad experience to their interests and skill sets.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/). The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/philosophy-ba) for students majoring in philosophy.

Career opportunities

Philosophy alumni are well prepared for leadership roles regardless of the path they take, whether in business, law, politics, medicine or education.

The analytical, rhetorical and writing skills developed through the study of philosophy provide ideal preparation for careers in a wide variety of fields, including:

business
education
journalism
law
medicine
public service

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program description

The Bachelor of Arts program in philosophy with a concentration in morality, politics and law combines the basic analytical approaches of philosophy with an emphasis on the moral questions that arise in political theory and law. The foundations of political and legal systems are moral values, such as individual liberty, equality and justice. These are contested values, open to different understandings of their nature and implications.

Students explore the nature of morality, political theory, legal theory and the interconnections between them. Students complete philosophy courses and courses from disciplines related to philosophy to enrich and enliven their understanding of the intersections of morality, politics and law. This degree program is of special interest to students who plan to pursue postgraduate work in law, policy or politics.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Public Administration, MPA

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/philosophy-morality-politics-and-law-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHIMPBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

> Present and defend a philosophical view about a specific sub-topic in philosophy using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.

Evaluate how well different normative ethical theories such as consequentialism, deontology, virtue theory, provide moral standards that dictate which (if any) actions are right and wrong.
Evaluate different approaches to constitutional interpretation and their application to actual case law.
Apply the concept of formal validity and the rules of deductive inference to evaluate the deductive validity of prose arguments and to construct formalized proofs in symbolic logic.

Global opportunities

Global experience: Students can explore the diverse variety of cultures and philosophies. With more than 300 distinct programs around the globe available to them, students can tailor their study abroad experience to their interests and skill sets. Study abroad programs help students gain valuable skills, such as problem-solving, communication and adaptability skills, as well as cultural competence, enhancing their resumes.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/). The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/philosophy-ba) for students majoring in philosophy with a concentration in morality, politics and law.

Career opportunities

Graduates are prepared for career opportunities in law, policymaking and analysis, politics and intelligence work. For example, graduates may find employment with the U.S. Department of State, the Central Intelligence Agency or the U.S. Department of Justice. The program is excellent preparation for law school.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Philosophy (Science, Nature and Mind), BA (LAPHISNMBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in philosophy with a concentration in science, nature and mind combines training in philosophy with an emphasis on questions raised by the natural, social and cognitive sciences.

Scientific investigation of the physical world and the mind inevitably makes assumptions about what sorts of things are real, the relationship of physical systems to conscious thought, and the nature of scientific explanation. The natural and social sciences are thus connected with philosophical views in metaphysics and epistemology. In addition, more applied areas of science, such as those concerned with sustainability and new technologies, raise ethical and policy questions as well as questions about humans' moral relationship to the natural world.

Students enrich their understanding of the natural and social sciences through courses in philosophy as well as courses from related disciplines. This program is a great fit for students who want to complement a science major with a second major in the humanities and for students who wish to do postgraduate work in medicine, sustainability or technology.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHISNMBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Present and defend a philosophical view about a specific sub-topic in philosophy using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.

Evaluate how well such different theories of mind as dualism, behaviorism, identity theory, functionalism and eliminativist materialism solve the mind-body problem and the problem of explaining phenomenal consciousness.
Evaluate different approaches to understanding the nature of scientific justification, the aims of science and how they can be achieved, and what makes some theories preferable to others.
Apply the concept of formal validity and the rules of deductive inference to evaluate the deductive validity of prose arguments and to construct formalized proofs in symbolic logic.

Global opportunities

Global experience: Students can explore the wide variety of cultures and philosophies around the globe. With more than 300 distinct study abroad programs available to them, students can tailor their experience to their interests and skill sets. Study abroad programs help students gain valuable skills, such as problem-solving, communication and adaptability skills, as well as cultural competence --- all of which enhance their resumes.

More information on available programs can be found on the Global Education Office website (https://goglobal.asu.edu/). The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/philosophy-ba) for students majoring in philosophy with a concentration in science, nature and mind.

Career opportunities

The analytical, writing and problem-solving skills gained through a philosophy major are highly transferable to a wide variety of jobs, and graduates with a degree in philosophy have the highest median income of all humanities graduates.

Graduates of the science, nature and mind concentration are prepared for career opportunities in medical and mental health fields, climate change and sustainability, information and policy analysis, and scientific and nature education and writing. For example, graduates may find employment with the U.S. Environmental Protection Agency.

This program also provides excellent preparation for students interested in medical school.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Physics, BA (LAPHYBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Physics is concerned with the nature, structure and interactions of matter and radiation. The Bachelor of Arts program in physics is a flexible and efficient option for students who are interested in a liberal arts degree that provides them a broad knowledge of physics. This degree program also is ideal for students seeking to complete two degrees, with physics as the second degree.

The program combines innovative learning methods with time-tested classroom and laboratory experiences for an education that is thorough in physics training and flexible enough to encourage interdisciplinary opportunities in areas such as chemistry, biology and materials science.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit

The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees)for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: Yes
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
or MAT 265 Calculus for Engineers
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students who wish to change their major to physics should have a minimum cumulative GPA of 2.00 for all critical classes they have completed.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=LAPHYBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students majoring in physics can study abroad (https://goglobal.asu.edu/) in one of more than 300 programs. A study abroad experience offers students a way to supplement their ASU experience as well as the chance to build helpful, resume-boosting skills that employers seek. Students who study abroad improve their communication skills, learn to adapt to unforeseen challenges, and expand their worldview through international experiences that expose them to different perspectives.

Career opportunities

Graduates with a BA degree in physics may pursue such careers as:

- data analyst
- K--12 STEM teacher
- lab assistant
- patent scientist
- science writer
- technology support analyst

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/
physics.undergrad@asu.edu
480-965-3561

Physics, BS (LAPHYBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Physics is concerned with the nature, structure and interactions of matter and radiation. In the Bachelor of Science program in physics, students develop general problem-solving skills that enable them to interpret and solve new problems that involve virtually any phenomenon in the physical universe, including classical or quantum systems, electric or magnetic behavior, and thermal or statistical physics.

The BS program in physics provides a solid foundation in physical science and mathematics, and prepares students for graduate study in physics, other sciences or engineering programs.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 270 - Calc w/Analytic Geometry I
OR MAT 265 Calculus for Engineers I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students who wish to change their major to physics should have a minimum cumulative GPA of 2.50 for all critical classes they have completed.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/physics-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students gain valuable experience through study abroad (https://goglobal.asu.edu/) --- experience that enhances their resumes. With more than 300 programs available in a variety of countries around the world, study abroad enables students majoring in physics to tailor their experience to their specific interests and skill sets.

Graduates who have the heightened cultural competence, and leadership and critical thinking skills they acquired when studying abroad may stand out in a competitive field.

Career opportunities

The wide variety in applicability of the principles of physics allows for great flexibility in a choice of career or further education.

Graduates with a BS in physics have analytical and technical skills suitable for employment in areas such as data analytics, education, engineering, finance, information technology, materials science, science communication and more.

Graduates are also prepared for admission to graduate school or advanced study in astronomy, engineering, mathematics, medicine and physics.

Contact information

Department of Physics | PSF 470
https://physics.asu.edu/
physics.undergrad@asu.edu
480-965-3561

Political Science, BS (LAPOSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Science program in political science is useful for students who are looking for careers that require analytical thinking and quantitative skills. The program offers a variety of courses and opportunities to study politics and public policy at the local, national and global levels and to learn how to analyze political statistics.

Students study how citizens interact with their governments and how governments at all levels formulate policies to serve, or not serve, their citizens. They explore innovative approaches to today's emerging local, national and global challenges, such as those seen in elections and lobbying, and the international issues of terrorism, diplomacy and empowerment.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Policy, MPP

International Affairs and Leadership, MA

Global Security (Irregular Warfare), MA

Global Security (Cybersecurity), MA

Global Security, MA

Public Administration, MPA

Political Psychology, MA

Political Science, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/undergraduate/bachelor-science-political-science/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPOSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students can experience firsthand the diverse political and social powers governing communities around the globe. With more than 300 Global Education programs (https://goglobal.asu.edu/) available, studying abroad enables students to tailor their experience to their specific interests and skill sets. Students majoring in political science can enhance their learning by gaining a global perspective on political theory and world affairs in countries with, for example, communist regimes or monarchies.

The College of Liberal Arts and Sciences recommends these study abroad programs for students majoring in political science (https://goglobal.asu.edu/political-science-ba-bs).

Career opportunities

Graduates analyze and interpret the significance and dynamics of political events and governmental processes. These related quantitative skills and knowledge enable them to be successful in political or governmental careers, business and nonprofit entities, as well as law school and graduate study. Many program graduates have found positions in:

- foreign service organizations
- legislative or judicial staff organizations
- lobbying and advocacy groups
- local and national media organizations
- local, national and global nonprofit organizations
- multinational corporations
- national, state and local government agencies
- political consulting
- research institutions
- survey research

In addition, some graduates have gone on to other top-tier graduate and professional schools. These graduates have found a variety of employment opportunities in the fields of:

- communication
- data science
- education
- foreign service
- journalism
- law
- political science
- public service

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

Political Science, BA (LAPOSBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

The Bachelor of Arts program in political science uncovers politics and policy at the local, national and global levels. The program aims to provide students with the tools and skills they need to link theory with current problems and to produce well-rounded learners with strong research and writing skills.

Students study how citizens interact with their governments and how governments at all levels formulate policies to serve, or not serve, their citizens. They explore innovative approaches to today's emerging political challenges, such as those seen in elections and lobbying, and the international issues of terrorism, diplomacy and empowerment.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Policy, MPP

International Affairs and Leadership, MA

Global Security (Irregular Warfare), MA

Global Security (Cybersecurity), MA

Global Security, MA

Public Administration, MPA

Political Psychology, MA

Political Science, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-political-science/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPOSBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students can experience firsthand the diverse political and social powers governing communities around the globe. With more than 300 Global Education programs (https://goglobal.asu.edu/) available, study abroad enables students to tailor their experience to their specific interests and skill sets. Students majoring in political science can enhance their learning by gaining a global perspective on political theory and world affairs in countries with communist regimes or monarchies, for example.

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/political-science-ba-bs) for students majoring in political science.

Career opportunities

Graduates develop the skills to analyze and interpret the significance and dynamics of political events and governmental processes. This knowledge, combined with related skills, equips them for success in political or governmental careers, law school, graduate study, business and the nonprofit sector. Many program graduates have found positions in:

the courts and judicial administration
foreign service organizations
legislative staff organizations
lobbying and advocacy groups
local and national media organizations
local, national and global nonprofit organizations
multinational corporations
national, state and local government agencies
political consulting
research institutions

In addition, some graduates have gone on to other top-tier graduate and professional schools. These students have found a variety of employment opportunities in:

communication
education
foreign service
journalism
law
political science
public service

Contact information

School of Politics and Global Studies | COOR 6797
https://spgs.asu.edu/
spgs-ugadvising@asu.edu
480-965-8563

Politics and the Economy, BS (LAPECBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in politics and the economy prepares students for careers that require a sophisticated understanding of the relationship between politics and the economy.

This program was created in response to the growing recognition that many of the world's most pressing problems (e.g., growth and development, tax reforms and climate change) are fundamentally political and economic problems. The program combines core courses in economics and political science. Using the strengths of the Department of Economics and the School of Politics and Global Studies, the program enables students to gain strong quantitative and modeling skills and a rich understanding of political context.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
Any math course that meets the MATH designation, except MAT 114 College Mathematics.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Political Science, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
All students are required to meet general university admission requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPECBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students can examine politics and economics from others' standpoints while studying abroad. With more than 300 programs available (https://goglobal.asu.edu/), study abroad enables students to tailor their experience

to their specific interests and skill sets. It can help them explore how other countries and cultures approach their most pressing problems, giving students insights they can then apply in their future careers.

Career opportunities

According to external forecasters of employment growth (U.S. Department of Labor and U.S. News & World Report), job opportunities for graduates of the politics and the economy program are expected to grow as fast as or faster than the average growth of the labor force. These forecasters note that the demand for graduates grounded in economics and political science is driven by the growing complexity of the global economy, the increased implementation of financial regulations in wealthier nations and the growing competitiveness of the business environment.

In terms of specific sectors, graduates are well prepared for entry positions in government at all levels (local, state and federal) and in business, economic and political consulting, and law. They are also prepared to pursue advanced degrees in law, business, economics or political science.

Contact information

School of Politics and Global Studies and Economics Program in CLAS | CRTVC 412
https://wpcarey.asu.edu/economics-degrees/undergraduate
wpcareyecn@asu.edu
480-965-3531

Psychology, BS (LAPGSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in psychology emphasizes the scientific study of human behavior, cognition and more. The program combines innovative learning methods with classroom and laboratory experiences for an education that encourages interdisciplinary opportunities.

Students gain a strong foundation in psychological theory and practice, honing research analysis and critical thinking skills. They engage with esteemed faculty, exploring human and animal behavior, and they learn to effectively interact with diverse groups across scientific interests and disciplines.

This program connects students to a robust support network, internships and engaged alumni.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Pre-Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer admission requirements: Transfer applicants must meet university transfer admission requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Exercise scientific reasoning when investigating psychological phenomena in a research project.
Differentiate the specific subfields and themes (e.g., nature vs. nurture; mind and body) of Psychology.
Create career development materials appropriate for future employment or graduate study in Psychology.

Global opportunities

Global experience: Through study abroad programs, students are exposed to distinct differences in human behavior and the human condition, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

The expanded education that students acquire through a Global Education program (https://goglobal.asu.edu/) will be a valuable enhancement to their resume, helping them stand out when applying for graduate school or pursuing their choice of careers

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/psychology) for students majoring in psychology.

Career opportunities

Graduates have diverse career options. They have gained foundational psychology knowledge that enhance their work, relationships and family roles. Graduates have a strong foundation for immediate entry into science-based career fields, such as health care or research and development in an academic or business environment.

Graduates are well positioned for a pathway into medical school. They are also well prepared for rewarding careers in pre-med and health fields as well as research and graduate study in psychology, health sciences, law and other graduate-level degree programs.

Contact information

Department of Psychology | PSY 202
https://psychology.asu.edu/
psych.advisor@asu.edu
480-965-7258

Psychology, BA (LAPGSBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in psychology offers students a deep understanding of human and animal behavior. Alongside distinguished faculty, students explore topics such as stress, emotions, conflict and the pivotal role of body image in shaping identity.

What sets this program apart is its robust support network that connects students to an engaged community of alumni. Internships complement classroom learning and provide practical experience that bridges psychology education with careers in various areas.

The program's rigorous curriculum hones students' practical skills in writing and public speaking, enabling them to apply psychological concepts and principles across various fields.

A foundation in psychology empowers students for personal and professional growth, paving the way for success in work, relationships and family roles.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Pre-Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer admission requirements: Transfer applicants must meet university transfer admission requirements.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Exercise scientific reasoning when investigating psychological phenomena in a research project.
Differentiate the specific subfields and themes (e.g., nature vs. nurture; mind and body) of Psychology.

Create career development materials appropriate for future employment or graduate study in Psychology.

Global opportunities

Global experience: Study abroad enables students in the psychology program to acquire additional skills and knowledge. They are exposed to distinct differences in human behavior, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

The expanded education that students acquire through a Global Education program (https://goglobal.asu.edu/) is a valuable enhancement to their resume, helping them stand out when applying to graduate school or pursuing their choice of careers.

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/psychology) for students majoring in psychology.

Career opportunities

The BA program in psychology empowers graduates with a versatile skill set encompassing analytical thinking, effective communication, teamwork and leadership. Graduates are well-prepared for a wide array of career paths, including roles in law, business, health care and the helping professions, including social work and counseling. Graduates are also positioned to excel in competitive professional graduate degree programs in these areas.

Contact information

Department of Psychology | PSY 202
https://psychology.asu.edu/
psych.advisor@asu.edu
480-965-7258

Psychology (Psychological Science), BS (LAPGSPSBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Science program in psychology with a concentration in psychological science immerses students in research-focused learning. They collaborate with renowned faculty at the forefront of innovation and discovery, and explore human and animal behavior, stress, emotions and more from the perspective of a research scientist.

Tailored for those aspiring to pursue a Doctor of Philosophy or related scientific graduate studies, this program blends intensive coursework with hands-on learning. The program provides practical experience through internships and connects current students to a robust mentorship network, where alumni guide current scholars throughout their academic journey.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 119 - Finite Mathematics
or MAT 170 Pre-Calculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The BS in psychology with a concentration in psychological science is open to students who have:

• completed the critical courses for a BS in psychology (ENG 101, ENG 102, MAT 119 or MAT 170, PSY 101, PSY 230, PSY 290) with a "C" or better
• earned at least 45 credit hours
• earned at least an ASU cumulative GPA of 3.00

Students must maintain a minimum cumulative GPA of 3.00 from admittance through graduation.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who wish to change their ASU major to this program must have completed all critical courses for the BS in psychology (ENG 101, ENG 102, MAT 119 or MAT 170, PSY 101, PSY 230, PSY 290) with a "C" or higher and have at least 45 earned credit hours.

Students must maintain a minimum cumulative GPA of 3.00 from admittance through graduation.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSPSBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Exercise scientific reasoning when investigating psychological phenomena in a research project.
Differentiate the specific subfields and themes (e.g., nature vs. nurture; mind and body) of Psychology.
Evaluate research findings and interpret their implications for the field of study in a final research project.

Global opportunities

Global experience: When studying abroad, students are able to enhance their understanding of human interaction, culture and behavior through the specific cultural experiences afforded by the opportunities inherent in their program.

Global Education programs (https://goglobal.asu.edu/) expose students to distinct differences in the human condition elsewhere in the world, expanding their knowledge. Students gain heightened cultural competence, and communication and critical thinking skills while exploring a new and exciting part of the world. This valuable skill set can set them apart from other applicants when they apply for graduate school or pursue a job after graduation.

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/psychology) for students majoring in psychology.

Career opportunities

A BS degree in psychology that focuses on psychological science opens doors to versatile career paths. Graduates emerge collaborative and are prepared for impactful careers doing research that makes a difference in people's lives. They are well prepared for diverse roles in health and research teaching.

The program's strong foundation also readies students for competitive graduate-level programs in all areas of psychology, law and medicine.

Contact information

Department of Psychology | PSY 202
https://psychology.asu.edu/
psych.advisor@asu.edu
480-965-7258

Religious Studies (Religion, Culture and Public Life), BA (LARELCPBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program description

The Bachelor of Arts program in religious studies with a concentration in religion, culture and public life approaches religion as a mode of human culture, as constituted in intellect, language, emotion, practice, art and everyday life.

The program focuses on the role religions play in the formation of cultural identities, traditions, norms and memories, and it examines in particular the impact that religions have on culturally specified ways that people reason, communicate, socialize, work, entertain, dress, eat, live and die. Special consideration is given to the influence of religion on gender roles and sexual norms; the formation of images of the body and the moral assessment of medical practices; and the reflection and reproduction of religion in film, popular culture and conventional, digital and social media.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-religion-culture-and-public-life-ba/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELCPBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Formulate a thesis about a significant issue in religious studies relating to culture and public life.
Address and analyze a scholarly issue in religious studies relating to culture and public life.
Develop a sustained, evidence-based argument about a significant issue in religious studies relating to culture and public life.

Global opportunities

Global experience: Religion plays a major role in cultural and societal norms, identities and traditions all over the world. Through one of more than 300 distinct Global Education programs (https://goglobal.asu.edu/), students witness firsthand diverse religions and cultures, and gain a heightened understanding of the impact of religion on human culture. Students also enrich their cultural competence and improve their communication and critical thinking skills, which can enhance their resumes.

The College of Liberal Arts and Sciences recommends these study abroad programs (https://goglobal.asu.edu/religious-studies-ba) for students majoring in religious studies with a concentration in religion, culture and public life.

Career opportunities

Religious studies majors seek jobs in many professional areas, including:

chaplaincy
diversity management
education
foreign service
health care, including mental health and counseling
journalism
law
nonprofit and nongovernmental organizations
public service and public policy
publishing

Religious studies is an excellent foundation for graduate and professional studies in:

- anthropology
- gender studies
- health care
- history
- justice studies
- law
- philosophy
- political science
- sociology
- theology

The concentration addresses present-day interests and prepares students for jobs in a variety of professions. In addition to the fields listed above, students also pursue employment in media studies, migration and international studies.

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Religious Studies (Religion, Politics and Global Affairs), BA (LARELPGBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program description

In the Bachelor of Arts program in religious studies with a concentration in religion, politics and global affairs, students consider how the study of religion expands the understanding of political culture, communal formation, governance, nationalism, statehood and citizenship in domestic and global contexts.

Students explore religion's role in shaping political values, social movements, civic organizations and communal norms, with particular attention to how religion impacts issues of health, the environment, migration, peace, conflict, violence and various issues of social justice. Special consideration is given to the religious intersections of nationality, ethnicity, race, gender and other vital facets of human community and identity.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Public Policy), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Sustainable Tourism), MGM

Global Management (Global Affairs), MGM

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Business), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Health Care Delivery), MGM

Global Management, MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Public Administration), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Sustainability Solutions), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-major/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELPGBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Formulate a thesis about a significant issue in religious studies related to politics and global affairs.
Address and analyze a scholarly issue in religious studies related to politics and global affairs.
Develop a sustained, evidence-based argument about a significant issue in religious studies related to politics and global affairs.

Global opportunities

Global experience: Religion plays a major role in societal norms, politics and traditions all over the world. Through Global Education programs (https://goglobal.asu.edu/) (more than 300 distinct programs are available), students witness diverse religions and cultures firsthand and gain a heightened understanding of the impact of religion. This understanding, as well as the cultural competence, and communication and critical thinking skills that students acquire, enhance their resumes.

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/religious-studies-ba) for students majoring in religious studies with a concentration in religion, politics and global affairs.

Career opportunities

Religious studies graduates seek jobs in many professional areas, including:

chaplaincy
diversity management
education
foreign service
health care, including mental health and counseling
journalism
law
nonprofit and nongovernmental organizations
public service and public policy
publishing

Religious studies is an excellent foundation for graduate and professional studies in:

anthropology

- gender studies
- health care
- history
- law
- justice studies
- philosophy
- political science
- sociology
- theology

Contact information

Historical, Philosophical & Religious Studies, Sch | COOR 4591
https://shprs.asu.edu/
SHPRSadvising@asu.edu
480-965-8364

Russian, BA (LARUSBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in Russian explores Russia's language, literature, history and more. As part of a small community of program participants with the resources of a large university, students gain intermediate to advanced reading, writing and speaking skills in Russian. They also study Russian civilization, popular culture, protest and propaganda, and classical Russian works.

Faculty members mentor students throughout the program to win prestigious paid internships in places such as Washington, D.C., and scholarships from U.S. government entities, including the Department of Defense, the Department of Education, the Department of Justice and the Department of State.

The program partners with the Melikian Center for Russian, Eurasian and East European Studies to offer a certificate in agribusiness, anthropology, architecture, economics, geography, history, political science, religious studies, Russian, sociology or women's studies.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about

eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARUSBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) is vital when learning the Russian language and culture. Being immersed among native speakers adds value to the degree, and the experience prepares students to take off in an exciting, multicultural career with valuable skills that employers seek. Students can choose from programs in many Russian-speaking countries. Programs vary in length, from summer experiences to full-year programs.

Career opportunities

Graduates of the program have intermediate to advanced Russian language and cultural proficiency.

Internship opportunities available through the program open doors to a variety of fulfilling career possibilities. Graduates are prepared to pursue advanced degrees or careers in:

- business
- diplomacy
- education
- global security
- international law
- journalism
- military
- public policy
- translation
- travel

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/russian-ba
silcadvising@asu.edu
480-965-6281

Sociology, BS (LASOCBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Sociology is the study of social life, social change and the social causes and consequences of human behavior.

The Bachelor of Science program in sociology offers courses on contemporary social phenomena such as crime, population trends and technology. Students also explore social institutions such as family, health, sports, law and the workplace. They develop proficiency in written communication, statistical analysis and research methodology, and gain computer skills.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sociology, MA

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sociology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASOCBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify and apply key sociological concepts and theoretical frameworks critical to understanding social institutions and structural inequality
- Identify global and cross-cultural variations in social phenomena and points of intersectionality in social institutions and processes.
- Demonstrate the ability to be a capable consumer and critical evaluator of quantitative/qualitative research and information

Global opportunities

Global experience: Students explore different cultures and social dynamics when studying abroad (https://goglobal.asu.edu/) and develop in-demand professional skills such as teamwork and problem-solving. Students can stay on track academically while earning ASU credit over winter or spring break trips. Among the opportunities available are homestays, which enable students to make connections with families in other countries.

The College of Liberal Arts and Sciences recommends these programs (https://goglobal.asu.edu/students/major/ssfd/sociology) for students majoring in sociology.

Career opportunities

Graduates with a BS degree in sociology are prepared for direct entry into positions in:

- business
- government
- social service

The degree also provides excellent preparation for future graduate and postbaccalaureate studies in:

- health care
- law
- social work and counseling
- sociological research

Contact information

Sanford School of Social and Family Dynamics | WLSN 300L
https://thesanfordschool.asu.edu/
advisor@asu.edu
480-965-6978

Spanish, BA (LASPABA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

In the Bachelor of Arts program in Spanish, students gain reading, speaking and writing proficiency through either the Spanish linguistics track or the Spanish literature and culture track. The linguistics track provides an in-depth understanding of the Spanish language. In contrast, the literature and culture track addresses issues throughout the Spanish-speaking world, as seen through the lenses of the Spanish language, culture and literature.

Throughout the year, through study abroad and exchange programs (https://goglobal.asu.edu/), ASU offers opportunities to study in Spanish-speaking countries.

The BA program is also available to online students as a combination of courses from both tracks. Students are encouraged to contact a school advisor to discuss the best option.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Language Teaching, MA

Global Management, MGM

Spanish, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-spanish/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASPABA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Effectively communicate orally and in writing in Spanish at the Advanced-Low level according to the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.
- Conduct a research project in the areas of Spanish language and/or cultural production.
- Analyze cultural concepts and values through course reflection assignments.

Global opportunities

Global experience: Spanish is one of the most widely spoken languages in the world. Culture teaches people about themselves and how to prepare for the challenges of life; learning about foreign cultures broadens that perspective to

include other people whose lives may be both notably different from and remarkably similar to one's own.

Global Education programs (https://goglobal.asu.edu/) provide students with opportunities for immersion in Spanish-speaking societies, along with a diverse array of individual and group activities that enable them to have enriching personal experiences. Global Education programs enhance students' experiences of the world's diversity --- and the knowledge of such diversity makes every person a better human and citizen.

Career opportunities

Knowledge of multiple languages and having intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive professions include:

foreign correspondent
foreign media professional
foreign service officer
international banking and finance professional
language, literature or culture teacher
law and immigration professional
multilingual administrative professional
translator or interpreter
travel professional

Contact information

School of International Letters and Cultures | DH 131
https://silc.asu.edu/degree/undergraduate/spanish-ba
silcadvising@asu.edu
480-965-6281

Technological Leadership, BS (LATECLDRBS)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

This program is not accepting applications at this time.

Program description

In the Bachelor of Science program in technological leadership, students learn complex problem-solving, technical design thinking and leadership skills. Coursework focuses on individual and team-based research, technology design, intensive internships and fundamental skills in writing, math and coding.

Offered by the Interplanetary Initiative, this major consists of an interdisciplinary blend of student-driven classroom learning and hands-on projects. In inquiry classes, students use an innovative inquiry cycle to explore big questions associated with human society and space exploration. Examples of these questions include, "What will the moon look like after human settlement?" and "How can we create and sustain a human biosystem in space?" In hands-on classes, students use technical design thinking processes with software and lab tools to create physical products, digital solutions, or service designs that address complex challenges in the world of science and technology.

In addition, immersive internships provide students with an opportunity to apply knowledge from academic courses in order to address research opportunities or practical challenges, and to gain valuable experience in the workplace before graduation.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT

extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 210 - Brief Calculus
or MAT 265 Calculus for Engineers I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Interest Technology, MS

Organizational Leadership, MS

Technology (Management of Technology), MSTech

Global Technology and Development, MS

Human Systems Engineering, MS

Global Management, MGM

Human Systems Engineering (Intelligent Systems), MS

Management of Technology, MS

Design (Space Architecture and Extreme Environments), MSD

Human Systems Engineering (User Experience Research), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/inquiry-based-learning-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATECLDRBS~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, technological leadership students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Graduates with this degree are prepared for a wide variety of exciting career opportunities in diverse industries, such as software and technology, energy, aerospace, finance, law and education. They are prepared to succeed in many areas, such as:

- academic research
- business strategy
- data analytics
- engineering management
- entrepreneurship
- management consulting
- product management
- project management
- systems engineering
- technology transfer

Contact information

Dean, The College of Liberal Arts and Sciences | FULTN 110
https://interplanetary.asu.edu/learn

TechLeadership@asu.edu
602-496-1783

Transborder Chicana/o and Latina/o Studies, BA (LATCLBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

Program description

The Bachelor of Arts program in transborder Chicana/o and Latina/o studies challenges students to understand the intersections of identity, culture and community for Mexican-origin, Chicano and Latino populations in the United States and the U.S.--Mexico transborder region, with implications for other border communities around the world.

More specifically, students learn about the diversity of cultural, social, political, economic, historical, health-related and artistic experiences in these communities, and they develop tools for understanding borders and border communities worldwide. The curriculum focuses on growing the next generation of critical thinkers and changemakers who work toward improving the lives of Latinos, strengthening Latino and transborder communities, and honoring transborder knowledge.

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, transborder studies students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

Latinos are the country's second largest ethnic group behind white non-Hispanics. Graduates are equipped to address the changing needs of Latinos in the U.S. and are prepared to pursue careers or further education; possible positions include immigration lawyer, nonprofit leader, teacher, entrepreneur, government employee, political activist, community organizer, advocate and artist. Career paths enhanced by this degree include:

- the arts
- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- local, state, and national public and private health services
- public policy and administration
- social work and nonprofit organizations

Contact information

School of Transborder Studies | INTDSB 165
https://sts.asu.edu/
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The Bachelor of Arts program in transborder Chicana/o and Latina/o studies focuses on the cultural, social, political, economic, historical, health-related and artistic experiences of Mexican-origin, Chicano and Latino populations in the United States and the U.S.--Mexico transborder region.

In the media and expressive culture concentration, students focus their study on the cultures of Latino communities. Students learn about the cultural diversity of Chicano, Mexican, Puerto Rican, Cuban, Dominican, Central American and other Latino populations in the United States and their contributions to the arts by analyzing:

• film and the media
• history
• literature (novels, short stories, poetry)
• performance
• visual art

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

• minimum ABOR GPA of 3.75

• no English competency deficiencies

• 1040 SAT Reasoning or 22 ACT score

Transfer admission requirements: Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLMBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying. Students can deepen their understanding of transborder influences and gain a deeper appreciation of transborder media and expression while enhancing their resumes with heightened cultural competency, and critical thinking and communication skills. Each of the more than 300 Global Education program (https://goglobal.asu.edu/) options provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world, and increase their ability to work with diverse groups of people.

Career opportunities

The media and expressive culture concentration equips graduates with analytical and communication skills vital to the pursuit of graduate work and various career paths, including:

- the arts
- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- nonprofit organizations
- public policy and administration
- social work

Contact information

School of Transborder Studies | INTDSB 165
https://sts.asu.edu/
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The Bachelor of Arts program in transborder Chicana/o and Latina/o studies focuses on the cultural, social, political, economic, historical, health-related and artistic experiences of Mexican-origin, Chicano and Latino populations in the United States and the U.S.--Mexico transborder region.

In the U.S. and Mexican regional immigration policy and economy concentration, students focus their studies on the growing political and economic influence of Latinos in the U.S. and the U.S.--Mexico region, considering relevant current topics such as:

• border enforcement
• demographic change
• economic integration
• globalization
• immigration policy
• international migration
• regional development

Second language requirement: Yes
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

• minimum ABOR GPA of 3.75

• no English competency deficiencies

• 1040 SAT Reasoning or 22 ACT score

Transfer admission requirements: Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLUBA~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying. Study abroad programs across Central America, Mexico and other Latin American countries deepen students' understanding of transborder influences, and they gain a new perspective on international migration. The heightened cultural competency, and critical thinking and communication skills that students acquire through study abroad are valued enhancements to students' resumes. More information on available programs can be found on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Graduates of the U.S. and Mexican regional immigration policy and economy concentration are prepared for careers in several fields, such as:

education (administration and teaching)
local, state and national government agencies
nonprofit organizations
public affairs
public policy and administration
social work

Graduates are also equipped with the theoretical and practical knowledge necessary to pursue graduate work in law and other fields.

Contact information

School of Transborder Studies | INTDSB 165
https://sts.asu.edu/
sts.undergrad@asu.edu
480-965-5091

Urban Planning, BSP (ARPUPBSP)

College/School: The College of Liberal Arts and Sciences

Campus: Tempe, Online

Program description

Urban planners guide communities in making wise decisions about their use of land and resources. The urban planning program introduces students to issues faced by urban areas and the tools necessary to address them.

Students in the Bachelor of Science in Planning program gain expertise in the analysis and synthesis of the physical, social, political and economic issues that shape urban and regional development. Courses cover comprehensive planning, computer and analytical methods, public policy formulation and administration, socioeconomic and environmental analyses, urban design and many other fields that urban planning encompasses, such as:

• geographic information systems
• housing
• landscape architecture
• planning and zoning law
• transportation
• urban and development economics
• utilities

In addition to reviewing the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees) for more information and requirements.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-urban-planning/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARPUPBSP~null&college=CLA) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze the physical characteristics, social dynamics and economic conditions that influence urban and regional planning challenges through course projects
- Apply professional planning skills to evaluate urban planning scenarios by utilizing real-world data, simulation tools, and best practices in planning analysis.
- Apply professional norms through independent and team-based course projects.

Global opportunities

Global experience: Through study abroad (https://goglobal.asu.edu) programs, students of urban planning can gain an understanding of how communities around the world have developed urban areas, and look at urban issues from a global perspective. The valuable experience that students obtain through study abroad enhances their resumes, and they use their acquired insights to help communities at home and around the world.

More than 300 study abroad programs are available in more than 65 countries.

Career opportunities

Graduates of the urban planning program pursue career opportunities with private planning firms and governmental planning agencies, mainly at the city level, but also with county, state and federal entities. Some planners elect to pursue graduate degrees to develop specialty skills and enhance their opportunities for career advancement.

The urban planning degree, especially when combined with a focus on geographic information science, gives graduates an advantage in careers that combine urban planning with GIS and in other jobs that involve urban issues, including:

comprehensive and long-range planning
economic development planning
housing issues
planning law
public participation in the planning process
socioeconomic and environmental analyses
sustainable planning
transportation

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Geographical Sciences and Urban Planning | COOR 5681
https://sgsup.asu.edu/degree/undergraduate/urban-planning-bsp
SGSUP.advising@asu.edu
480-965-7533

Prelaw (LALAWPRE)

Campus: Downtown Phoenix, Polytechnic, Tempe, West Valley

Program Description:

The prelaw program at Arizona State University is not a degree program. There is no single major that prepares students for becoming a lawyer and there are no specific courses required for law school. Rather, students are encouraged to take a variety of courses --- classes that challenge students intellectually through heavy amounts of reading, writing, critical thinking and analysis. It is also recommended that students engage with more practical experiences in fields related to law (e.g., through internships, job shadowing and so forth).

Challenging courses and real-world experiences, in conjunction with the requirements for a student's major, constitute a prelaw program that prepares students for the next steps in pursuing a career in the legal field.

Additional Program Fee: No
Second Language Requirement: No
First Required Math Course:
Math Intensity:

Contact Information:

https://prelaw.asu.edu/

Nursing and Health Innovation, Edson College of

Applied Science (Health Entrepreneurship and Innovation), BAS (NUHCIBAS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley, Online

Program description

The Bachelor of Applied Science program with a concentration in health entrepreneurship and innovation is designed for students with an Associate of Applied Science degree who want to lead transformative change in health through the creation of new products, processes and systems.

In this program, students examine health care policy and evidence-based practices through an innovative lens, using an integrated systems approach, enabling them to hone the skills necessary to be a leader of innovation in a health care context.

Students with an AAS degree in any field can pursue this pathway.

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: Any math course with the MATH general studies designation will satisfy the math requirement.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students must have an AAS degree from a regionally accredited institution to be eligible for admission to BAS programs at Arizona State University.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students with an AAS degree in any field are eligible to change their ASU major to this applied science program in health entrepreneurship and innovation.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bas/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBAS~null&college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad opportunities. A resume enhanced by a valuable study abroad experience impresses prospective employers and helps students stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, health entrepreneurship and innovation students are able to tailor their experience to their interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Primary career opportunities include health care administrators and health care managers, as well as:

- entrepreneurs

- health architects
- health care administrators
- health care strategists, advisors, project managers and administrators
- health innovation consultants
- health product and service managers
- health system designers
- intrapreneurs (managers who promote innovative product development and marketing)
- public relations experts in health

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/bas/applied-science-health-entrepreneurship-and-innovation
asu.hci@asu.edu
602-496-0937

Community Health, BS (NUCHLTBS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley, Online

Program description

Modern health care extends beyond the hospital and into local neighborhoods. Whether it means ensuring everyone has access to nutritious and fresh foods, or providing vulnerable populations with preventive checkups, health care is now a community matter.

The Bachelor of Science program in community health develops leaders who are dedicated to addressing health challenges at their source and creating partnerships with both public and private organizations to leverage resources. By creating a communitywide response to these challenges, graduates can better advocate for patients and provide education opportunities for people of all backgrounds.

Students with an interest in community change find that this degree prepares them to be informed health activists, organizers, planners and well-rounded members of the local, regional and national community.

Key program areas of emphasis:

• advocacy for diverse individuals, families and communities
• providing health education, health promotion and care coordination
• providing understanding of environmental concerns and their impact on health
• understanding components of a healthy, sustainable community

This degree program has the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-community-health/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUCHLTBS~null&college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Study abroad enables community health students to learn how to address the health needs of diverse populations. By immersing themselves in a culture outside the U.S., students can learn about global health

trends and how people in another country have advocated for positive change in the health care systems of their communities. Students can find more information on the Global Education Office website (https://goglobal.asu.edu/).

Career opportunities

Graduates of this program provide health education, health promotion, care coordination, disease management, health care navigation and advocacy services for individuals, families and communities.

Graduates may obtain employment as:

- community health managers
- community health outreach specialists
- health care navigators
- health promotion evaluators
- health services administrators

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/bs/community-health
asu.ch@asu.edu
602-496-0937

Health Care Compliance and Regulations, BS (NUHCCRBS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Online

Program description

The Bachelor of Science program in health care compliance and regulations is an undergraduate degree program dedicated to the training of compliance professionals. It is the first undergraduate degree program to be accredited by the Compliance Certification Board®. https://www.hcca-info.org/certification (https://www.hcca-info.org/certification)

Students are offered the opportunity to learn best practices from a broad array of industry experts (providers, regulatory agencies, government payers and others) within the health care industry, giving graduates options to pursue various careers in health care compliance.

This program is ideal for anyone interested in the ethical, regulatory and business sides of the health care industry. Program highlights include:

• data privacy and security
• industry standards for accreditation and auditing
• monitoring and auditing
• revenue cycles, including current billing and coding procedures
• risk assessment
• seven elements of an effective compliance program
• state and federal compliance laws and regulations

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-care-compliance-and-regulations-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCCRBS~null&college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students gain valuable experience when studying abroad, experience that enhances their resumes. With more than 300 Global Education programs (https://goglobal.asu.edu/) available to them, students can tailor their experience to their interests and skill sets. Students majoring in health care compliance and regulation can learn about other global health care systems and how they are regulated.

Graduates who possess the heightened cultural competency, leadership and critical-thinking skills they acquired when studying abroad may stand out in a competitive field.

Career opportunities

Graduates may be employed as:

- compliance analysts or specialists
- compliance leads or trainers for health care operations (revenue, clinical care, research, education)
- health care regulatory affairs analysts or specialists
- HIPAA privacy compliance analysts or specialists
- internal auditors, claims auditors or audit response leads
- Medicare and Medicaid compliance analysts or specialists
- special investigation unit analysts or specialists
- patient safety survey specialists
- regulatory compliance specialists

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/bs/health-care-compliance-and-regulations
asu.hccr@asu.edu
602-496-0937

Health Care Coordination, BS (NUHCCOBS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley, Online

Program description

The Bachelor of Science program in health care coordination prepares students to effectively coordinate resources to optimize individual health outcomes.

Through coursework, students build a thorough understanding of health care systems, community and public health, community resources, health education and health advocacy.

The program emphasizes patient advocacy and education, the resources available from community and public health services, and the role of health policy and financing in modern health care.

Students prepare to work with an interdisciplinary team to use resources, provide health education and advocate for the patient when it is needed the most.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra or any math course that meets the MATH designation
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-coordination/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCCOBS~null&college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 programs available, study abroad (https://goglobal.asu.edu/) allows students to tailor their experience to their specific interests and skill sets. Students majoring in health care coordination can expand their knowledge of how other countries allocate resources for health care.

With a resume enhanced by the heightened cultural competency, leadership and critical thinking skills acquired studying abroad, graduates can stand out in a competitive field.

Career opportunities

Graduates of the program provide health care coordination, health advocacy and health education services to individuals and families. Program graduates may obtain employment as:

- care coordinators
- health advocates
- health care coordinators
- health care navigators
- health educators
- health resource managers
- patient advocates

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/bs/health-care-coordination
asu.hcc@asu.edu
602-496-0937

Health Entrepreneurship and Innovation, BS (NUHCIBS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley, Online

Program description

The Bachelor of Science program in health entrepreneurship and innovation provides a broad background in the principles of innovation, leadership, complexity science, change theory, collaboration and evidence-based decision-making to ensure that its graduates are prepared to manage implementation of innovation in the health care arena.

Through the use of evidence-based decision-making and leadership skills in interprofessional teams, students learn to tackle health care challenges using modern technology, public policy and communication. This distinct program situates students at the intersection of innovation and entrepreneurship, enabling them to develop their own solutions to health challenges.

Program areas of emphasis:

• develop competence in the design, application and testing of innovative processes and products
• incorporate current trends with interprofessional teams
• lead processes of innovation and transformation

The BS in health entrepreneurship and innovation is an attractive degree completion pathway for transfer students and students seeking to change their major, as well as incoming first-year students. Students should consult with an advisor to review the applicability of completed coursework and to review a degree completion plan.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Any math course that meets the MATH designation.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBS~null&college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Through study abroad (https://goglobal.asu.edu/), students majoring in health entrepreneurship and innovation are able to experience different health environments and deepen their understanding of innovative business and health care processes being used around the globe.

With more than 300 programs available to them, students can tailor their experience to their interests and skill sets. The valuable heightened cultural competency, leadership and critical-thinking skills they acquire enhance their resumes and are applicable to any career choice.

Career opportunities

Graduates may be employed as:

- entrepreneurs
- health architects
- health care administrators
- health care strategists, advisors, project managers and administrators
- health innovation consultants
- health product and service managers
- health system designers
- intrapreneurs --- managers responsible for promoting innovative product development and marketing
- public relations experts in health

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/bs/health-entrepreneurship-innovation
asu.hci@asu.edu
602-496-0937

Integrative Health, BS (NUIHLTBS)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, West Valley, Online

Program description

Patients come in all shapes and sizes, and so should the care they receive. There are many aspects of health and wellness, including the mind, body and spirit. One is not separate from another, but pieces of what make up the whole person. The Bachelor of Science degree program in integrative health focuses on a patient's well-being from a holistic perspective, applying conventional, natural and alternative health approaches as a collaborative model of care. A variety of health practices --- such as traditional Chinese medicine, herbal supplementation, physical medicine and acupuncture --- are explored to create a comprehensive, patient-centered approach for health and wellness.

Through innovative and interprofessional approaches in supporting diverse populations, students learn to differentiate the ethical, legal and practice standards of integrative and alternative health practitioners. Coursework and experiences include an emphasis on evidence-based practices and gaining an understanding of the historical and cultural foundations of the integrative health field.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: First math varies depending on the track chosen.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-integrative-health/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUIHLTBS~null&college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Through study abroad (https://goglobal.asu.edu/), students majoring in integrative health are able to expand their knowledge of different therapies used in a variety of cultures and observe standards of practice around the globe.

With more than 300 programs available, students can tailor their experience to their interests and skill sets. The valuable cultural competency, leadership and critical-thinking skills they acquire from study abroad opportunities will enhance their resumes and be applicable to any career choice.

Career opportunities

This degree program prepares students for graduate study in the areas of osteopathic medicine, chiropractic care, naturopathic medicine, physician assistant training, physical therapy and more.

Graduates may be self-employed or employed in hospitals, clinics, doctor offices, companies and holistic centers. Graduates may go on to pursue positions such as:

- chiropractic doctor
- health coach
- health educator
- health program manager
- health services administrator
- naturopathic doctor
- osteopathic doctor
- physician assistant
- wellness consultant
- wellness director

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/bs/integrative-health
asu.ih@asu.edu
602-496-0937

Nursing, BSN (NUNURDBSN)

College/School: Edson College of Nursing and Health Innovation

Campus: Downtown Phoenix, Polytechnic, West Valley, ASU Sync, ASU at The Gila Valley, Online

The accelerated BSN/MS option is currently only available to ASU Online students.

Program description

Achieving a Bachelor of Science in Nursing is possible through various distinctive pathways.

Traditional prelicensure BSN nursing program
The traditional prelicensure clinical nursing program is a full-time, upper-division nursing program for students who wish to become a registered nurse by completing a BSN. The program has three start dates per year: spring, summer and fall (semester start dates vary by campus location). It may be completed in a 16-month year-round schedule or a 24-month academic year schedule. Graduates are eligible to sit for the National Council Licensure Examination to obtain licensure as a registered nurse.

Students advance into the program in one of two ways: direct admission or the competitive advancement process. Direct admission is offered to incoming first-year students from high school who meet specific admission criteria. Students admitted directly must meet continuing eligibility criteria while attending ASU to advance into the upper-division nursing program. Directly admitted nursing students who do not meet continuing eligibility criteria, transfer

students or ASU students who are changing majors may apply for advancement to the upper-division nursing program by competing for any remaining spaces.

Accelerated BSN clinical nursing program
The accelerated BSN clinical nursing program is a full-time, 12-month upper-division clinical nursing program for students who wish to become a registered nurse by completing a BSN (semester start dates vary by campus location). Selection is competitive. Priority is given for students with an earned bachelor's degree seeking a second degree. Students pursuing advancement to the accelerated BSN clinical nursing program complete prerequisite coursework and apply for advancement to the program. Graduates are eligible to sit for the National Council Licensure Examination to gain licensure as a registered nurse.

Online RN to BSN program
The online RN to BSN program is available to students who have earned an associate degree in nursing and have a current RN license in good standing with the state board of nursing. RN to BSN program courses are offered online in 7.5-week sessions and can be completed in as little as 14 months. There are five starts per year: two in the fall, two in the spring and one in the summer. Assignments may include readings, discussions, papers, presentations and clinical practice experiences completed in a hospital or community setting in the location where the student resides.

Transfer pathway agreements are in place with community college nursing programs, which provide additional benefits to students. The RN to BSN program is not currently available to students residing in Tennessee or Washington.

Concurrent Enrollment Program
The concurrent enrollment program pathway is available to students enrolling in or already enrolled in any regionally accredited associate degree program in nursing that leads to NCLEX-RN licensure. This program is for qualified nursing students who are interested in earning their BSN while simultaneously pursuing their associate degree in nursing. Selected students enroll in the community college program and ASU CEP courses at the same time (concurrently). CEP courses taken at ASU are delivered in an online format and are offered in 15-week sessions. ASU CEP is not currently available to students residing in Tennessee or Washington.

Eastern Arizona College Partnership
This program offers a concurrent enrollment program pathway for qualified students pursuing an AAS in nursing from Eastern Arizona College while simultaneously earning a BSN from ASU. The Eastern Arizona College nursing courses are delivered in-person while the ASU BSN courses are delivered in an online format.

ASU Sync format option
This program is also offered via ASU Sync. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers.

Students on I-20 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at www.benefits.va.gov/gibill (www.benefits.va.gov/gibill).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Nursing, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The admission standards for majors in the Edson College of Nursing and Health Innovation are higher than minimum university standards. Effective fall 2022, first-year admission requirements are:

• top 10% of high school graduating class, OR
• an overall high school cumulative GPA of 3.80 in ASU competency courses (scale is 4.00 = "A"), OR
• an overall high school cumulative GPA of 3.50 in ASU competency courses AND either a 25 ACT or 1230 SAT combined evidence-based reading and writing plus math score

Priority application date: November 1

First-year applicants should select an additional major when applying for admission.

English language proficiency requirements (https://admission.asu.edu/apply/international/undergrad/english-proficiency) for applicants whose native language is not English:

• minimum TOEFL iBT score of 76 (internet-based test, taken in a testing center), OR
• minimum IELTS score of 6.5, OR
• minimum Duolingo English test score of 100, OR
• minimum Cambridge English exam score of 176

First-year admission applications to the Bachelor of Science in Nursing program that are received after the November 1 application priority date are considered on a space-available basis. Students not offered admission directly to the nursing program are placed in the BS program in community health (https://degrees.apps.asu.edu/bachelors/major/ASU00/NUCHLTBS/community-health).

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Current ASU students interested in changing to this program need to apply for the upper-division clinical nursing program through an advancement application process. Space is limited, and selection is based upon GPA and the score earned on the TEAS. Students should speak with an advisor in the Edson College of Nursing and Health Innovation for more information on how to change a major to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUNURDBSN~null&college=CNU) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Through study abroad, students majoring in nursing are able to expand their knowledge of how nursing is practiced across the globe.

With more than 300 programs available (https://goglobal.asu.edu/), students can tailor their experience to their interests and skill sets. The heightened cultural competency, leadership and critical-thinking skills they achieve enhance their resumes and are applicable in any career choice.

Career opportunities

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates deliver nursing care to individuals, families and communities. Completion of this degree program also prepares individuals for entrance into graduate study in nursing at the master's or doctoral degree levels, which is essential for teaching, administration, clinical specialization and research.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Edson College of Nursing and Health Innovation | MERCC 250
https://nursingandhealth.asu.edu/programs/bsn/nursing
asu.bsn@asu.edu
602-496-0937

Public Service and Community Solutions, Watts College of

Applied Science (Emergency Management), BAS (PPEMGBAS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Bachelor of Applied Science program with a concentration in emergency management is a flexible, 60 credit hour degree program.

The curriculum is designed specifically for students who have completed an Associate of Applied Science from a regionally accredited institution.

The required capstone class provides experience to students through coordinated internships.

This program is not available to first-year students.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

STEM-OPT for International Students on F-1 Visas
This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (https://issc.asu.edu/f-1j-1-students/employment/stem) at ASU's International Students and Scholars Center website.
The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

Second language requirement: No
STEM-OPT extension eligible: Yes
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students applying to this program must have completed an AAS degree from a regionally accredited institution. This program is not available to first-year students.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have completed an AAS from a regionally accredited institution to change to this major. Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPEMGBAS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct analysis applying foundational principles of emergency policy and management in the context of complex systems.
- Demonstrate understanding of the complex organizational and governance structures operating in emergency management and homeland security.
- Synthesize their understanding of risk, organizations, and governance to create basic mitigation strategies to manage disruption.

Global opportunities

Global experience: Understanding how different regions around the world react to disasters can lead to insight on how to bring solutions to students' own communities. When studying abroad (https://goglobal.asu.edu/), students can make meaningful connections through exchange of ideas and perspectives. Study abroad programs that focus on issues like counterterrorism, resource management and urban infrastructure can help students develop a more informed and well-rounded view of emergency management.

Career opportunities

The degree in emergency management opens the door to a challenging career as a professional emergency manager. The advancement of technology has created the potential for more devastating disasters than ever before. As a result, there is an increasing demand for emergency managers who have a solid foundation in scientific and technical disciplines as well as management skills.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Community Advocacy and Social Policy, BA (PPCASPBA)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, West Valley, Online

Program description

The Bachelor of Arts program in community advocacy and social policy focuses on advocacy strategies through an in-depth exploration, analysis and comparison of social service systems and policies from an empowerment perspective.

The program emphasizes examining the needs of historically underserved individuals, families and communities. Policy analysis and social change are critical themes in developing an advocacy knowledge base, as are the equally important themes of prevention and social well-being. Students complete courses in two core areas: diversity and oppressed populations, and social issues and interventions.

While the BA program in community advocacy and social policy is fully accredited regionally under the Higher Learning Commission, it is not accredited through the Council of Social Work Education because it does not lead to a Bachelor of Social Work degree. Students ultimately interested in pursuing a master's degree in social work can build a strong foundation within this program.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change majors to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-community-advocacy-and-social-policy/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site

while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCASPBA~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply professional theories to working with diverse, oppressed and marginalized populations in both micro and macro practice.
- Apply social justice techniques to advance human rights, and social and economic justice.
- Identify and apply advocacy concepts and methods that support and advance social, economic and environmental justice.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) give students the chance to witness how policy, advocacy and social service systems function internationally, providing an opportunity for them to develop a valuable skill set that can give them an advantage in their career, as well as personal enrichment. Enhancing global awareness, communication competency and leadership skills through study abroad can better prepare a student for a career in social services.

Whether in a foreign country, in the U.S. or online, participation in one of the more than 300 Global Education programs encourages students to build communication skills that span intercultural boundaries, challenges them to adapt and persevere, exposes them to differences across the world that they can't experience from textbooks, and increases their ability to work with diverse groups of people.

Career opportunities

Graduates are prepared for employment in the social services arena, such as performing basic case management tasks, staffing hotlines and warmlines, making referrals to needed services, recruiting volunteers, and developing and providing training.

In addition, advocate positions are part of many organizations and areas, such as hospitals and the behavioral health system.

This degree program also prepares students to pursue graduate education.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/bachelors-degrees/majorinfo/PPCASPBA/undergrad/false/3
social.work@asu.edu
602-496-0800

Community Sports Management, BS (PPCSMBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Students interested in this program should apply directly to the BS in Parks, Recreation and Sport Management.

Program description

The Bachelor of Science program in community sports management focuses on preparing individuals with an interest in managing sport programs and activities for children, youth, adults and seniors in nonprofit, municipal and for-profit organizations.

The program emphasizes the many roles sports play in the community, including as a way to improve the overall quality of life, youth development, sport tourism and community development. Both program delivery and managerial functions are targeted. Specific areas of opportunity include work with youth sports, adaptive sports, sports tourism, sport events and adult recreational sports.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Sports can bring communities together, at home and abroad, despite language and cultural differences. Studying abroad (https://goglobal.asu.edu/) gives students an opportunity to immerse themselves in a different culture and see firsthand the role of sport at the community level while building skills to help them in their future careers. Students who study abroad can achieve heightened cultural competency and leadership and critical thinking skills.

Career opportunities

Numerous career opportunities exist within community sports. Sport programs for youth and adults are offered by city parks and recreation departments, nonprofit organizations such as the Boys and Girls Club or the YMCA, and local nonprofit and for-profit sport clubs. In addition, many communities have sport tourism organizations and sport programs offered through adaptive or therapeutic sports programs such as Special Olympics, Wounded Warriors Project and Ability 360.

Possible positions for graduates of this major include sport supervisors, programmers and managers in local park and recreation departments and nonprofit organizations, as well as community relations and programming positions with professional and local sport organizations.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Community Sports Management (Events), BS (PPCSMEBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Students interested in this program should apply directly to the BS in Parks, Recreation and Sport Management.

Program description

The goal of the events concentration within the Bachelor of Science program in community sports management is to introduce students to the events field and create experts in the coordination, facilitation and planning of events in the community sports sector.

This concentration allows community sports management majors to focus their electives within the area of meetings and event planning. Students gain a solid foundation for developing and producing events that contribute to the economic development and social capital stemming from sports.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMEBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Sports can bring communities together, at home and abroad, despite language and cultural differences. Studying abroad (https://goglobal.asu.edu/) gives students an opportunity to immerse themselves in a different culture and build skills that enable them to navigate the intricacies of planning and executing community sport events where people of different cultural backgrounds gather. Students who study abroad can achieve heightened cultural competency and leadership and critical thinking skills.

Career opportunities

Students with a background in managing community sports events can find employment with:

- campus recreation departments
- health and fitness clubs
- morale welfare and recreation departments in the armed forces
- nonprofit organizations
- parks and recreation departments
- private sports organizations

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Criminology and Criminal Justice, BS (PPCRIMJBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, West Valley, Online

Program description

The Bachelor of Science program in criminology and criminal justice is for students who want to understand the causes of crime, the role of criminal justice agencies in the control of crime, and the consequences of crime. This program also provides a solid foundation for those interested in pursuing a prelaw track.

Students learn sociological, psychological, biological and economic explanations for individual crime as well as differences in crime across neighborhoods, states, countries and over time. They also learn about the history, legal issues and current practices of crime control via police agencies, the court system, prisons, probation and parole.

These topics are delivered by top-ranking research faculty who offer students hands-on research opportunities and by experienced criminal justice professionals with intimate knowledge of the daily realities of crime and those who engage in crime. Students are encouraged to take advantage of internship opportunities in more than 200 agencies, study abroad programs and flexible course scheduling offered in-person, online and across multiple campuses.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Crime Analysis, MS

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Criminology and Criminal Justice, MS

Criminal Justice, MA

Emergency Management and Homeland Security, MA

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Transfer admission requirements: The MyPath2ASU pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's AA degree along with the lower-division requirements for the ASU major.

Students completing their ASU BA degree at Yuma: Once the MyPath2ASU pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit Admission Services (https://admission.asu.edu/apply/transfer) for more information about ASU degrees offered at local community colleges.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-criminology-and-criminal-justice/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCRIMJBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze theories of crime and how the criminal justice system responds to crime.
- Examine fundamental methodological and statistical techniques used in criminology and criminal justice research.
- Leverage an understanding of the systemic inequalities of crime for working in 21st century agencies and organizations related to criminal justice.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, criminology and criminal justice students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Watts College of Public Service and Community Solutions recommends these programs

(https://goglobal.asu.edu/students/major/criminology-criminal-justice) for students majoring in criminology and criminal justice.

Career opportunities

Graduates of the criminology and criminal justice program find a strong job market in the public and private sectors. Employment opportunities exist in:

- corrections
- courts
- federal agencies
- homeland security
- law enforcement
- legal offices
- parole offices
- private security
- probation offices
- victim advocate agencies

In addition, graduates are able to work in combating bank fraud and domestic terrorism. They also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
SCCJAdvising@asu.edu
602-496-2356

Criminology and Criminal Justice (Policing), BS (PPCRJPOLBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, West Valley, Online

Program description

The concentration in policing in the Bachelor of Science program in criminology and criminal justice provides students with knowledge on policing strategies, police management, police accountability, crime analysis and procedural criminal law. This program also provides a solid foundation for those interested in pursuing a prelaw track.

Students who complete the concentration have a better understanding of how police organizations operate and are led; effective strategies for reducing crime, building trust and increasing accountability; improving police-citizen community relations (especially in communities of color); how the Constitution protects the rights of individuals in interactions with law enforcement; and techniques for analysis and mapping of crime and other police data.

After finishing the concentration in policing, students are better prepared for future employment in law enforcement and to contribute to the future of policing in the United States.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Crime Analysis, MS

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Criminology and Criminal Justice, MS

Criminal Justice, MA

Emergency Management and Homeland Security, MA

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to enter this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/criminology-policing-degree/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCRJPOLBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze theories of crime and how the criminal justice system responds to crime.
- Examine fundamental methodological and statistical techniques used in criminology and criminal justice research.
- Synthesize material on approaches for accountability and fairness in 21st century police organizations.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available to them, criminology and criminal justice students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

The Watts College of Public Service and Community Solutions recommends these programs (https://goglobal.asu.edu/students/major/criminology-criminal-justice) for students majoring in criminology and criminal justice.

Career opportunities

Career opportunities for graduates of the policing program include work:

- at the local level in sworn positions in police departments and sheriff's offices
- at the state level in trooper and investigator roles in state agencies
- at the federal level in agent and officer positions in federal law enforcement agencies
- in crime and intelligence analysis

- in private security

Graduates of the criminology and criminal justice program with a concentration in policing can also continue to graduate studies in criminology, related fields or law school.

Contact information

School of Criminology and Criminal Justice | UCENT 600
https://ccj.asu.edu/
SCCJadvising@asu.edu
602-496-1658

Emergency Management, AS (PPEMEAS)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

The Associate of Science program in emergency management provides students with an understanding of the causes and effects of natural and human-made disasters and with the technical and administrative skills necessary to lead complex projects in response. Courses covering risk assessment, homeland security and biohazards, paired with practical skills such as operations continuity management and oversight of emergency operations centers, provide students with the key tools for emergency management planning and leadership.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
Students must be accepted to the U.S. Naval Community College to be admitted to this program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPEMEAS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Career opportunities

Graduates are prepared for careers in emergency management, community resilience, disaster recovery and risk prevention at the local, state and federal levels.

Contact information

School of Public Affairs | USE 138
https://usncc.asu.edu
CISAmilitaryVet@asu.edu
480-965-4464

Emergency Management and Homeland Security, BS (PPEMHSBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The School of Public Affairs offers the Bachelor of Science program in emergency management and homeland security. The program provides students with an understanding of the political and social implications of disasters, terrorism and national security. Students gain the skills and knowledge to understand and manage natural and human-made threats and execute complex projects in response.

Coursework covering risk assessment, cross-boundary collaboration and rapid resource mobilization paired with practical skills such as operations continuity management, oversight of emergency operations centers, and techniques and best practices for developing prevention programs provide students with the tools to analyze complex situations and provide decision-making tools important for emerging leaders in the field.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Emergency Management and Homeland Security, MA

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change majors into this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-

programs/undergraduate/bachelor-science-emergency-management-homeland-security/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPEMHSBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Understanding how different governments around the world manage disasters can provide insight for bringing solutions to students' own communities. Global Education programs (https://goglobal.asu.edu/) can help students gain practical knowledge and experience in how governments function at varying levels in a community. Students increase their knowledge and experiential base through study abroad programs to bring about positive change in their own communities. The heightened cultural competency and the leadership and critical thinking skills students acquire through study abroad programs also enhance their resumes.

Career opportunities

Graduates possess the knowledge and skills required for entry- and midlevel supervisory and managerial positions in the public sector at the local, state and federal levels, as well as other opportunities in the commercial and nonprofit sectors. Graduates have a significant advantage in the coming hiring boom within the field in response to the upcoming wave of retirees in the public sector and increasing demand for public services, especially at the federal level.

For those who already possess relevant knowledge and experience, the program provides complementary knowledge valuable for promotion in the field.

Graduates also may choose to further their education in graduate programs in emergency management, public policy, law or public administration.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Nonprofit Leadership and Management, BS (PPNLMBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The Bachelor of Science program in nonprofit leadership and management explores the nonprofit sector through a blend of classroom instruction and field experience, preparing students for various possible career challenges. Students gain valuable experience through a required internship, opening doors to professional opportunities in the nonprofit arena. They have the option to pursue the National Certified Nonprofit Professional credential, enhancing

their qualifications through partnership with the Nonprofit Leadership Alliance. https://nla1.org/cnp-professionals/ (https://nla1.org/cnp-professionals/)

This program is accredited by the Nonprofit Academic Centers Council, ensuring a high-quality education that meets industry standards.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Nonprofit Leadership and Management, MNLM

Community Resources and Development (Tourism), MS

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Community Resources and Development (Nonprofits and NGOs), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change majors to this program.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-nonprofit-leadership-management/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex NLM issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, donors, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by nonprofit organizations.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) can provide students with hands-on experience in nonprofit leadership through a global lens. Students gain skills to be used in their future careers through internships in nonprofits around the world. Students have the opportunity to intern abroad during summer break or during a semester while taking courses in locations such as South America and Asia.

Career opportunities

Prominent nonprofit organizations value this program's tradition of excellence and actively seek to hire its graduates.

The nonprofit sector in the United States is distinct in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. With more than 1.6 million organizations in the U.S., the sector employs more people than the finance, insurance and real estate industries combined.

Depending on their interests, graduates seek work in diverse settings that include a wide variety of missions, including arts and culture, environmental, health and youth development. Some graduates find employment with local, grassroots and direct-service nonprofits, while others find opportunities with grant-making foundations. Many work in affiliates of well-known national organizations such as:

- American Red Cross
- America's Second Harvest

- Humane Society of the United States
- March of Dimes
- National Urban League
- United Way
- youth-serving entities such as Big Brothers Big Sisters, Boys and Girls Clubs, Boy Scouts of America, Girl Scouts of the USA, Camp Fire USA and the YMCA of the USA

Increasing opportunities in the nonprofit sector include careers across the spectrum of community issues, such as the arts, environment and health care. Typical positions include:

- field executive
- fund development director
- program director
- program officer for grant-making organization
- volunteer program manager

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in nonprofit leadership and management with a concentration in American Indian studies empowers purpose-driven students to be culturally aware, competent and ready for key roles that enable them to advance nonprofits that serve tribal lands, including those organized by tribal governments. Students explore the nonprofit sector through a blend of classroom instruction and hands-on field experience. They gain valuable experience through a required internship, opening doors to professional opportunities in the nonprofit arena.

Students are able to optionally pursue the National Certified Nonprofit Professional credential, enhancing their qualifications through partnership with the Nonprofit Leadership Alliance. https://nla1.org/cnp-professionals/ (https://nla1.org/cnp-professionals/)

This program is accredited by the Nonprofit Academic Centers Council, ensuring a high-quality education that meets industry standards.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Nonprofit Leadership and Management, MNLM

Community Resources and Development, MS

Community Resources and Development (Nonprofits and NGOs), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMAIBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex NLM issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, donors, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by nonprofit organizations.

Global opportunities

Global experience: Studying abroad (https://goglobal.asu.edu/) can provide students with hands-on experience in nonprofit leadership with a global perspective. Students gain skills to be used in their future careers through internships in nonprofits. Students have the opportunity to intern during summer break or during a semester while taking courses in locations such as South America and Asia, adding a global lens for issues that Indigenous communities face around the world.

Career opportunities

Most of the major nonprofit organizations in Arizona and other states work with American Indian populations by providing services and expertise. Thus, career options are extensive and include many of the nonprofit organizations in the state and beyond. Careers fields may include fundraising, social services provision, volunteer management and youth programming.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Parks, Recreation and Sport Management, BS (PPPRMBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in parks, recreation and sport management provides a transdisciplinary education in the management of parks, protected areas, community-based recreation services, and sport and special event management. The parks and recreation field emerged from the youth development, recreation and park movements of the late 19th century.

Students in the program learn about wilderness, environmental communication, parks and recreation management and policy, assessment and evaluation, and sport and recreation planning and programming. They learn through classroom instruction and field experiences to integrate the natural, social and managerial sciences to make informed decisions for recreation services, both natural resource-based and community-based.

The required internship component of the program enables students to gain practical experience in the parks and recreation professions.

The Council on Accreditation of Parks, Recreation, Tourism and Related Professions accredits this degree program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Community Resources and Development (Nonprofits and NGOs), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPRMBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing solutions to complex PRSM issues.
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by park, recreation and sport organizations.
- Demonstrate proficiency in written communications with diverse audiences (e.g., clients, interdisciplinary team members, families, community members).

Global opportunities

Global experience: Study abroad programs that include travel to some of the world's most renowned and pristine parks, wildlife reserves and other recreational facilities, as well as to forests, reefs and deserts, provide students with invaluable professional development and insight that they can use in their future career.

With more than 300 programs available, study abroad (https://goglobal.asu.edu/) enables students to tailor their experience to their interests and skill sets.

Career opportunities

Graduates are prepared for professional positions in which they design, develop and manage services that address the recreational needs of a particular clientele. They are employed in a variety of public, private and nonprofit organizations in Arizona, nationally and abroad, and they find employment in such diverse settings as:

- armed forces recreation
- city park and recreation departments
- county and state park agencies
- federal natural resource agencies
- hospitals and care facilities
- nonprofit recreation programs
- private and commercial recreation facilities
- special event management
- sport venues and theme parks
- youth agencies

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Public Service and Public Policy, BS (PPPAFBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The Bachelor of Science program in public service and public policy provides comprehensive coverage of topics in public policy, leadership and management.

Students learn how to lead and influence change via public organizations and the policy process. They also gain foundational knowledge about democracy, economics and the role of government in society. The program is distinct because it balances theoretical knowledge and a professional focus.

Students can select one of the following concentration areas to supplement their core courses. Concentrations must be applied to separately: business, criminology, emergency management and homeland security, health policy, law and policy or sustainability.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Emergency Management and Homeland Security, MA

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students in the public service and public policy program work to create policies that advance the public interest. When studying abroad, students gain a better understanding of how government functions at various levels around the world and an understanding of which public policies are beneficial to society and which policies need to be improved upon. Students increase their knowledge and experiential base through study abroad programs to bring about positive change in their own communities.

More information on available programs can be found on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Graduates possess the knowledge and skills to transform government and policy in positions at all levels in city, county, state and federal agencies --- entry, midlevel supervisory and managerial. They are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

The public service sector offers sustainable, exciting and fulfilling career options. Graduates are empowered to use knowledge of the public sector as a catalyst to change the world. By understanding the challenges facing government and being well-versed in the development of multiple useful and realistic solutions, graduates contribute to the development of local, national and global communities.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the Public Service and Public Policy BS program.

Program description

The American Indian studies concentration within the Bachelor of Science program in public service and public policy provides students with specialized knowledge about the policy implications of American Indian-related decisions and actions. This concentration focuses on the latest policy implications and research impacting Indigenous communities in the United States.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses the challenges facing the public in a practical way. It is distinct because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well-suited to students interested in pursuing further education in law, public administration, public policy and other graduate pursuits focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Global Management, MGM

Public Policy (Policy Informatics), MPP
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFAISBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students can apply a global lens to their studies by learning how American Indians view the world and by learning about current issues and tribal governance of Indigenous peoples around the world.

Participation in study abroad programs increases students' ability to work with diverse groups of people. Whether in a foreign country, in the U.S. or online, any of the more than 300 available Global Education programs (https://goglobal.asu.edu/) provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Students are encouraged to build communication skills that span intercultural boundaries, are challenged to adapt and persevere, and are exposed to differences they can't always read about in textbooks.

Career opportunities

Graduates of this program have gained the knowledge and skills required for entry- and midlevel supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would function successfully in many other types of organizations as well. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Public Service and Public Policy (Business), BS (PPPAFBUBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The School of Public Affairs offers a concentration in business as part of the Bachelor of Science program in public service and public policy.

This concentration establishes the links among the corporate world and the public sector by blending public policy and business strategy. Students are empowered with a robust skill set essential for leadership roles in today's global landscape. They master economic principles, strategic decision-making and advanced policy analysis by engaging in practical applications while navigating policy formulation, implementation and evaluation in governmental agencies.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Emergency Management and Homeland Security, MA

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Global Management, MGM

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBUBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students seeking in-depth knowledge of the public sector related to agencies that conduct business in various capacities can benefit from studying abroad (https://goglobal.asu.edu/). Many programs focus on topics such as urban sustainability, challenges to a country's economy and governmental issues so students can see the concepts they have learned through a distinct cultural lens.

Career opportunities

This BS program in public service and public policy is preparation for entry- and midlevel supervisory and managerial positions in city, county, state and federal agencies. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. They have the skills to be entrepreneurs in any sector, with career opportunities as diverse as small towns and Fortune 500 companies. For those who already have work experience, the degree provides further opportunity for promotion.

This business concentration prepares those with an interest in policy to focus on business issues and their policy implications.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Public Service and Public Policy (Criminology), BS (PPPAFCBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The School of Public Affairs offers a concentration in criminology as part of the Bachelor of Science program in public service and public policy, providing students with more specialized knowledge about the policy implications of criminology-related decisions and actions.

This program introduces students to the foundations of criminal justice and criminology and enhances it with training on how to lead, manage and influence change in the public sector.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Emergency Management and Homeland Security, MA

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Global Management, MGM

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFCBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students seeking in-depth knowledge of the public sector related to agencies that work with criminal justice systems in various capacities can benefit from studying abroad (https://goglobal.asu.edu/). Students can observe how public policies in other countries directly impact policing and criminality, thus showing the concepts they have learned through a distinct cultural lens.

Career opportunities

Criminology continues to be a highly sought-after area, but many of the career pathways involve working in or around government. The program is primarily focused on individuals interested in or working in the public sector. The skills and knowledge graduates possess allow them to successfully function in many types of organizations, though the primary focus is on public organizations.

A BS degree in public service and public policy is preparation for entry- and midlevel supervisory and managerial positions in city, county, state and federal agencies. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, Online

Program description

The School of Public Affairs offers a concentration in emergency management and homeland security as part of the Bachelor of Science program in public service and public policy.

This concentration program provides students with the skills and knowledge to lead in emergency management and homeland security. Concepts of public policy and management are blended with emergency management principles. Students emerge with a comprehensive perspective on how to help their communities effectively mitigate and manage disasters.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Emergency Management and Homeland Security, MA

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy-emergency/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?

major=PPPAFEHBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Understanding how different governments around the world manage disasters can provide insight for bringing solutions to students' own communities. Study abroad programs (https://goglobal.asu.edu/) can help students gain practical knowledge and experience in how governments function at varying levels in a community. The heightened cultural competency and the leadership and critical thinking skills students acquire through study abroad programs also enhance their resumes.

Career opportunities

Graduates possess the knowledge and skills required for entry- and midlevel supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

The number of people retiring paired with the increasing demand for public services has resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly two million people employed across the country, and nearly 85% of those jobs exist outside the Washington, D.C., area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Those with preparation in academic areas related to public service have an advantage in that market.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The School of Public Affairs offers a concentration in health policy as part of the Bachelor of Science program in public service and public policy. This program allows students to build a course of study that focuses on the health care industry. This sector continues to be a major part of the U.S. and world economy. The concentration in health policy provides students who have an interest in policy an opportunity to focus on health-related issues and their policy implications. The courses in the concentration are offered by the College of Health Solutions and the School of Human Evolution and Social Change.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses the challenges facing the public in a practical way. It is distinct because it enables students to study public service, policy and administration with a focus on professional preparation for a career.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Global Management, MGM

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFHPBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students seeking in-depth knowledge of policy and the public sector related to the health care industry in various capacities can benefit from studying abroad (https://goglobal.asu.edu/). Programs are available that focus on topics such as public or global health, allowing students to see concepts they have learned through a distinct cultural lens and build skills in preparation for a future-focused career.

Career opportunities

The degree is primarily focused on providing its graduates with the knowledge and skills required for entry- and midlevel supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would function successfully in many other types of organizations as well. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

The program also readies graduates to pursue graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

For those who already have work experience, the degree provides further opportunity for promotion.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Public Service and Public Policy (Law and Policy), BS (PPPAFLPBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The School of Public Affairs offers a concentration in law and policy as part of the Bachelor of Science in public service and public policy.

Through this concentration, students gain foundational knowledge about the law and its relationship to society. They also acquire the skills necessary for positively impacting communities via the law, public organizations and the policy process.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident

tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Emergency Management and Homeland Security (Homeland Security), MA

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Emergency Management and Homeland Security (Emergency Management), MA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Emergency Management and Homeland Security, MA

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Global Management, MGM

Emergency Management and Homeland Security (Community Resilience), MA

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFLPBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students seeking in-depth knowledge of the public sector related to legal systems in various capacities can benefit from study abroad programs (https://goglobal.asu.edu/). When studying abroad, students gain a better understanding of how governments function and intertwine with the law around the world, and they view the policy implications of different approaches to law worldwide.

Career opportunities

The program is primarily designed for individuals who work in the public sector or are interested in doing so. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however the primary focus is on public organizations.

This program prepares students for entry- and midlevel supervisory and managerial positions in city, county, state and federal agencies; for work in nonprofit organizations; and for work in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration, and for pursuits focused on public affairs and the common good.

Contact information

School of Public Affairs | UCENT 400
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spa@asu.edu
602-496-0450

Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the Public Service and Public Policy, BS program.

Program description

The School of Public Affairs offers a Bachelor of Science in public service and public policy with a concentration in nonprofit leadership and management.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

As the role of the nonprofit organization continues to grow, it presents broad policy implications for future public sector professionals. This concentration program empowers students to understand the social, political, economic and philanthropic factors related to the nonprofit sector.

The program examines the public sector and addresses the challenges facing the public in a practical way. It particularly enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy, and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPANLMBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Students in this program can get practical experience with nonprofits through study abroad programs (https://goglobal.asu.edu/). Many service-learning and culturally immersive programs offer work with nonprofits, and students can find programs that enable them to visit or work with nongovernmental organizations, charities and local organizations that benefit the public in many different countries.

Career opportunities

The degree in public service and public policy is primarily focused on individuals working in or interested in working in the public sector. The skills and knowledge graduates have acquired allow them to successfully function in many other types of organizations; however, the primary focus is on public organizations.

Graduates are prepared for entry- and midlevel supervisory and managerial positions in city, county, state and federal agencies, for work in nonprofit organizations, and for work in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
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602-496-0450

Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the Public Service and Public Policy, BS program.

Program description

The School of Public Affairs offers a Bachelor of Science in public service and public policy with a concentration in parks and recreation management.

Leisure and quality of life are an essential part of U.S. society. This program provides students a transdisciplinary education in the management of parks, protected areas and community-based recreation services.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses the challenges facing the public in a practical way. It distinctly enables students to study public service, policy and administration with a focus on professional preparation for a

career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy, and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAPRMBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Global Education programs (https://goglobal.asu.edu/) at some of the world's most renowned and pristine parks, wildlife reserves, and other recreational facilities like forests, reefs and deserts provide students with insight as to how other countries use policy to manage their natural resources. Studying abroad allows students to tailor their experience to their particular interests and skill sets, with more than 300 programs available.

Career opportunities

The degree in public service and public policy is primarily for individuals working in or interested in working in the public sector. The skills and knowledge graduates acquire allow them to successfully function in many other types of organizations; however, the emphasis is on public organizations. They are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

Graduates are prepared for entry- and midlevel supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu/
spa@asu.edu
602-496-0450

Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the Public Service and= Public Policy, BS program.

Program description

Social services delivery is a fundamental building block of government affairs. Through this concentration, students explore the foundation and practices of social services, along with how social services can be designed, delivered and evaluated at local, state and federal levels.

The core Bachelor of Science program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It distinctly enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSSBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, public service and public policy students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S., or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

The degree in public service and public policy is focused primarily on providing graduates with the knowledge and skills required for entry- and midlevel supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

For those who already have work experience, the degree provides further opportunity for promotion. In addition, this program acts as preparation for future graduate study in law, public policy and public administration.

The number of people retiring paired with the increasing demand for public services has resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer, with nearly two million people employed across the country, and nearly 85% of those jobs exist outside the Washington, D.C., area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service and social services delivery will have an advantage in that market.

Contact information

School of Public Affairs | UCENT 400
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spa@asu.edu
602-496-0450

Public Service and Public Policy (Sustainability), BS (PPPAFSBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

Sustainability continues to be a highly sought-after area, and it presents broad policy implications. Through this concentration, students explore the challenges of sustainability and the development of solutions to pressing issues at local and global levels.

The Bachelor of Science program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics

and management approaches.

This program examines the public sector and addresses the challenges facing the public in a practical way. It distinctly enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration (Urban Management), MPA

Public Administration (Nonprofit Administration), MPA

Public Administration (Emergency Management), MPA

Public Policy, MPP

Public Policy (Science and Technology Policy), MPP

Public Administration (Public Finance), MPA

Public Policy (Environmental Policy), MPP

Public Administration, MPA

Global Management, MGM

Program Evaluation and Data Analytics, MS

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required for current ASU students to change to this major.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, public service and public policy students are able to tailor their experience to their specific interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Career opportunities

The degree in public service and public policy is primarily for individuals working or seeking work in the public sector. The skills and knowledge graduates acquire allow them to successfully function in many other types of organizations, though the principal focus is on public organizations.

Graduates are prepared for entry- and midlevel supervisory and managerial positions in city, county, state and federal agencies, and for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

For those who already have work experience, the degree provides further opportunity for promotion.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Recreational Therapy, BS (PPRECTBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in recreational therapy prepares students to apply for the national professional certification through the National Council for Therapeutic Recreation Certification: https://nctrc.org/about-

certification/ctrs-the-qualified-provider (https://nctrc.org/about-certification/ctrs-the-qualified-provider).

The program prepares competent, entry-level recreational therapists with the requisite knowledge, skills and abilities needed to improve functional outcomes and increase participation in life activities for individuals experiencing health conditions. Students learn to conduct assessments, develop service plans, implement therapeutic interventions, and evaluate and document outcomes of care. They gain skills to effectively provide comprehensive therapeutic recreation services that include program design and evaluation, individual and group service provision, and advocacy. The required fieldwork component of the program facilitates the development of competencies to provide quality recreational therapy services.

Students who choose this degree program are committed to improving people's lives and contributing to their communities. This degree program is one of two such programs in Arizona, both offered by the School of Community Resources and Development. This program has a heavier emphasis on health care settings such as hospitals and human service agencies, while the BS in parks and recreation with a concentration in therapeutic recreation prepares students to provide recreational therapy services in community settings such as youth programs, adaptive sports, or parks and recreation.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Community Resources and Development (Nonprofits and NGOs), MS

Interdisciplinary Education on Community Health and Wellbeing, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change into this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPRECTBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Illustrate collaborative solutions to complex community health issues (e.g., access to healthcare and recreation, health disparity, mental health, obesity, physical activity, substance abuse).
Employ effective communication skills including adapting use of nonverbal messaging when communicating with diverse audiences
Demonstrate elements of a qualified provider facilitating recreational therapy services.

Global opportunities

Global experience: With more than 300 Global Education program opportunities (https://goglobal.asu.edu/) available, recreational therapy students are able to tailor their experience to their individual interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships around the world, increasing their professional network.

Career opportunities

Recreational therapy is a rapidly growing field, given the rising number of returning veterans and an aging population. Graduates are prepared for work in a wide variety of clinical settings, including hospitals, rehabilitation centers and extended care facilities. Graduates also are qualified to work in community settings such as parks and recreation departments.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Community Resources and Development | UCENT 550

https://scrd.asu.edu/content/therapeutic-recreation
scrdadvising@asu.edu
602-496-0550

Social Work, BSW (PPSWUSWU)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix, West Valley, ASU Sync, ASU at Tucson, Online

Program description

The curriculum for this undergraduate program leads to a Bachelor of Social Work degree.

Students focus on social work courses in social policy and services, human behavior in the social environment, social work practice, research and practicum instruction in community agencies. In addition, majors take elective courses in related areas.

Students interested in completing the BSW program in Tucson are encouraged to complete a MyPath2ASU® (https://admission.asu.edu/apply/transfer/MyPath2ASU). The Tucson location option is only available to transfer students.

Format options
This program is also offered via ASU Sync, specifically for students with transfer credit or those who already hold an associate degree. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers.

The program features ASU Sync courses at the upper-division level --- courses numbered from 300 to 499 that are designed primarily for juniors and seniors. It is ideal for transfer students who wish to complete their BSW degree with live interactions without coming to campus. Prerequisites and other restrictions should be noted before class registration.

Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

This major is eligible for the Western Undergraduate Exchange program at the following location: West Valley campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

This major is eligible for the Western Undergraduate Exchange program (https://admission.asu.edu/cost-aid/wue) at the following location: ASU at Tucson.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The ASU Sync option is available only to transfer students or those with an associate degree. Students on F-1 or J-1 immigration status visas are not allowed to complete courses via Sync.

Transfer admission requirements: The MyPath2ASU pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's AA degree along with the lower-division requirements for the ASU major.

Students should visit Admission Services (https://admission.asu.edu/apply/transfer) for more information about ASU degrees offered at local community colleges.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change majors to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-social-work-bsw/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPSWUSWU~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Plan, implement and evaluate evidence-based interventions.
Apply professional case management intervention skills when working with individuals, families, groups and communities.
Advocate for advanced human rights, and social and economic justice.

Global opportunities

Global experience: When participating in a study abroad program, students examine social work through an international lens as it relates to community-building, service organizations, support for disenfranchised people and human rights advocacy.

Cross-cultural understanding is one of the main learning outcomes of study abroad programs and is also one of the most important skills of those moving into social work careers. Students are able to use the knowledge and skills learned in the program and the unique intercultural focus gained from study abroad to enhance their career.

Information on available programs can be found on the Global Education Office (https://goglobal.asu.edu/) website.

Career opportunities

Graduates are prepared to be generalist social work practitioners who focus on advocacy, referrals, case management and problem-solving functions with individuals, groups, families, organizations and the community.

Employment in social work is expected to increase commensurately with the needs of a growing and diverse population. Social workers are employed in public and private agencies and deal with a wide variety of social issues, including:

adoption and teen pregnancy
aging
child abuse and foster care
corrections and delinquency
disability
discrimination
domestic violence and family dysfunction
health and mental health
homelessness and poverty
substance abuse

Social work skills such as problem-solving, resource utilization, counseling, group work and community organization are also useful for employee relations and mediation positions in industry.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

School of Social Work | UCENT 800
https://publicservice.asu.edu/bachelors-degrees/majorinfo/PPSWUSWU/undergrad/false/3
social.work@asu.edu
602-496-0800

Tourism Development and Management, BS (PPTDMBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

Through the Bachelor of Science program in tourism development and management, students acquire the planning, management and leadership skills related to the growth and development of tourism throughout the world.

The curriculum takes full advantage of its strong connections with the professional tourism community in Phoenix. The required internship component of the program enables students to gain practical experiences leading to professional positions in travel, tourism and related fields. Students are exposed to the practices of heritage tourism, sustainable tourism, resort management, and meeting and convention planning.

While pursuing the BS in tourism development and management, a student also may choose to complete a certificate in convention sales and meeting planning. Additionally, students have the opportunity to participate in a study abroad program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Sustainable Tourism, MST

Community Resources and Development, MS

Community Resources and Development (Nonprofits and NGOs), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change into this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Able to incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.
- Able to demonstrate proficiency in written communications with diverse audiences (e.g., clients, interdisciplinary team members, community members).

Global opportunities

Global experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and need to know how to share the local environment with visitors. Through study abroad programs (https://goglobal.asu.edu/), students gain valuable experience in the various subsets of tourism development and management around the world, including in Europe, Latin America, Oceania, Asia and Africa.

Career opportunities

Graduates are ready for successful careers in the rapidly expanding travel and tourism industry --- the largest industry in the world and the second largest in Arizona. Graduates can seek work across a wide variety of occupations in the public, nonprofit, or private and commercial sectors in diverse settings such as resorts, meeting planning, convention and visitor bureaus, tour operations, and commercial recreation businesses. In such settings, graduates design, develop and manage services that address the needs of a particular clientele.

The metropolitan Phoenix area is a major hub of tourism in the southwestern U.S. and has experienced rapid growth in:

- air transportation
- business and corporate travel
- gaming and casinos
- meetings and conventions
- resorts and hotels
- sports tourism
- state and national parks

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Meetings and Events), BS (PPTDMMEBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

Through the Bachelor of Science program in tourism development and management, students acquire the planning, management and leadership skills related to the growth and development of tourism throughout the world.

The concentration in meetings and events enables students to focus their electives on courses that cover meetings and events planning topics. The concentration draws from both the special events program and the meeting management program, thus preparing students to be competitive in the events sector.

The curriculum takes full advantage of its strong connections with the professional tourism community in Phoenix. The required internship component of the program enables students to gain practical experiences leading to professional positions in travel, tourism and related fields. Students are exposed to the practices of heritage tourism, sustainable tourism, resort management, and meeting and convention planning.

While pursuing the BS in tourism development and management with a concentration in meetings and events, a student also may choose to complete a certificate in convention sales and meeting planning. Additionally, students have the opportunity to participate in a study abroad program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Sustainable Communities), MS

Sustainable Tourism, MST

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change into this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMMEBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.
- Able to demonstrate proficiency in written communications with diverse audiences (e.g., clients, interdisciplinary team members, community members).

Global opportunities

Global experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world, and learn how to share the local environment with visitors. When studying abroad (https://goglobal.asu.edu/), students gain valuable field experience and immersion in various locales around the world. Internships for credit in meetings and events are available in countries in Europe, Oceania, Latin America and elsewhere.

Career opportunities

Tourism-related meetings and events are significant contributors to the economy in Arizona as well as other states. Graduates are prepared to enter meeting and event-related careers in resorts and hotels, convention and visitor bureaus, private event companies, festivals, travel agencies, destination management companies, parks and recreation departments, public relations, and nonprofit fundraising.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu/content/degree-programs
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in tourism development and management with a concentration in resort and hotel leadership attracts students and professionals who have interests in the diverse areas of knowledge needed within the accommodations sector. These areas of knowledge include the ecological, social, economic and cultural sustainability practices in the industry; hospitality management and leadership; and the interrelated functions within departments of the lodging, food and beverage industries and other stakeholders, such as recreation organizations and heritage institutions.

The program provides students an academic option to study the resort and accommodations system in-depth and gain knowledge of the importance of the business relationships between suppliers, intermediaries and vendors, guests, and the public and private sectors.

The comprehensive coursework, which integrates resilient and sustainable practices, career exposure opportunities, study abroad options and internship experiences, prepares students for a management and leadership position in the world's largest service industry. It also prepares them to serve their communities with the skills, knowledge, techniques and capabilities needed for addressing major issues related to resorts and other tourism accommodations.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some

combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Sustainable Communities), MS

Sustainable Tourism, MST

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change majors into this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMRBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.
- Able to demonstrate proficiency in written communications with diverse audiences (e.g., clients, interdisciplinary team members, community members).

Global opportunities

Global experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world, and they need to know how to share the local environment with visitors. When studying abroad (https://goglobal.asu.edu/), students gain valuable field experience and immersion in various destinations around the world. Internships for credit in resort and hotel leadership are available in countries in Europe, Oceania, Latin America and elsewhere.

Career opportunities

A variety of job opportunities are available for resort or hotel professionals, including entry-level management trainee, assistant manager or manager in various departments, such as:

- catering and banquet
- convention sales
- front desk
- guest services
- rooms division
- sales and marketing

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

Program description

The Bachelor of Science program in tourism development and management with a concentration in sustainable tourism equips students with the theoretical knowledge to navigate one of the world's largest industries.

Students explore resilience and sustainability, learning how to apply these concepts to tourism destinations. They gain a deep understanding of sustainability science, including the theories and language that underpin it. They develop essential skills to measure, create and implement sustainability policies throughout all stages of tourism development.

This program offers courses from the School of Sustainability and the School of Community Resources and Development, providing a robust foundation in sustainability while applying these skills to tourism. Comprehensive coursework, career exposure opportunities, study abroad options, and a culminating internship prepare students for management and leadership roles in the field.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Tourism), MS

Community Resources and Development (Sustainable Communities), MS

Sustainable Tourism, MST

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A minimum cumulative GPA of 2.00 is required to change to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMSBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.

- Able to demonstrate proficiency in written communications with diverse audiences (e.g., clients, interdisciplinary team members, community members).

Global opportunities

Global experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and of how to share the local environment with visitors. Through study abroad programs (https://goglobal.asu.edu/), students gain valuable experience in the global travel context by learning sustainable tourism policies in destinations all around the world, including in Europe, Latin America, Asia and Africa.

Career opportunities

Sustainable tourism is becoming increasingly important, and many tourism businesses are hiring sustainability coordinators. These businesses include hotels, airlines, museums, convention and visitor bureaus, and large attractions. Travel agencies and tour companies, such as those that implement ecotourism and volunteer tourism experiences, are especially interested in employees with a strong sustainable tourism background. Numerous sustainable tourism nonprofit organizations have emerged in recent years, and many government-related tourism organizations also hire those with a strong sustainability focus. Consulting opportunities are available to assist tourism businesses in developing sustainable practices as well.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Tourism and Recreation Management, BS (PPTRMBS)

College/School: Watts College of Public Service & Community Solut

Campus: Online

Program description

Through the Bachelor of Science program in tourism and recreation management, students acquire the planning and management skills required for careers in the growing tourism, recreation, sport and event industries throughout the world.

Selecting one of four emphasis areas --- tourism, recreation, events or sport --- enables students to home in on what most interests them. The curriculum offers broad understandings of each sector as well as the skills specific to a chosen field. Students are prepared to contribute to economic and social development and make a positive impact on quality of life, domestically and abroad.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Sustainable Tourism, MST

Interdisciplinary Education on Community Health and Wellbeing, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A student must have a minimum cumulative GPA of 2.00 to change their major to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/tourism-and-recreation-management-bs/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTRMBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.

Able to demonstrate proficiency in written communications with diverse audiences (e.g., clients, interdisciplinary team members, community members).

Global opportunities

Global experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world, and learn how to share the local environment with visitors. Students gain valuable experience in the global travel context by learning sustainable tourism policies in destinations around the world, including in Europe, Latin America, Asia and Africa. More information is available on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Industries in the leisure sector offer a wide variety of career options. Graduates are equipped to plan, design, develop and manage services to address the needs of a particular clientele. Graduates can seek work in the public, nonprofit, or private and commercial sectors based on their interests. Employment opportunities are available in diverse organizations, including resorts, hotels, and convention and visitor bureaus, as well as in business and corporate travel, transportation, tour operations, event and meeting planning and management, and attractions management. City and state parks, recreation departments, national parks and protected areas also offer potential career paths. Other career options include youth, recreation and sports-oriented nonprofits; sports and recreation program planning and management; sports events and many others.

Contact information

School of Community Resources and Development | UCENT 550
https://scrd.asu.edu
scrdadvising@asu.edu
602-496-0550

Urban and Metropolitan Studies, BS (PPURBBS)

College/School: Watts College of Public Service & Community Solut

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

Located in the heart of downtown Phoenix, the Bachelor of Science program in urban and metropolitan studies is for students who yearn to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students in this program discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown, and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, and revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (https://admission.asu.edu/cost-aid/wue).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPURBBS~null&college=CPP) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze the basic factors affecting the development of urban policies.
- Use management principles to work effectively in complex urban organizations.
- Apply research and analytic tools to urban public problems.

Global opportunities

Global experience: As populations grow and lead to urban sprawl, countries around the world grapple with how to best serve society. Global Education programs (https://goglobal.asu.edu/) expose students to challenges large urban and metropolitan cities face in Europe, South America, Africa and Asia. Students experience cultural immersion and can research ways to improve and solve complex issues faced by urban and metropolitan cities.

Career opportunities

The transdisciplinary approach of the urban and metropolitan studies program ensures its graduates are prepared for work in a wide range of fields. Graduates successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

Some careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and a

plan to participate in an internship that complements their long-term professional goals.

Contact information

School of Public Affairs | UCENT 400
https://spa.asu.edu
spa@asu.edu
602-496-0450

Teaching and Learning Innovation, Mary Lou Fulton College for

Applied Science (Early Childhood Studies), BAS (TEAPSECBAS)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Bachelor of Applied Science with a concentration in early childhood studies is a two-year program for students who already have an Associate of Applied Science degree in early childhood education or a similar field.

Students gain skills in communication, critical thinking and leadership so they can positively affect lifelong learning for children from birth to age 5 (not yet in kindergarten). Through online coursework, students deepen their understanding of the social, emotional, cognitive and physical development of young children. Students learn to set developmentally appropriate learning goals, create and support effective instructional strategies, and develop highly individualized instruction for young learners.

This program integrates experiential learning opportunities into the curriculum, enabling students to put coursework into practice. Students must be able to work or volunteer with learners in an early childhood setting (birth to age 5, not yet in kindergarten) for at least 15 hours per month throughout their junior and senior year.

Individuals who do not have an AAS degree may consider the Bachelor of Arts in Education program in educational studies with a concentration in early childhood studies (https://degrees.apps.asu.edu/bachelors/major/ASU00/TEESECEBAE/educational-studies-early-childhood-studies), which has a parallel curriculum.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the Mary Lou Fulton Teachers College undergraduate programs that lead to institutional recommendation for teacher certification.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Early Childhood Special Education, MEd

Elementary Education, MEd

Early Childhood Special Education (Teacher Certification), MEd

Elementary Education (Teacher Certification), MEd

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
This program is not available to first-year students.

Transfer admission requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution and be employed or volunteer in an early childhood setting (e.g., Head Start, child development center, early care and education center, private or public preschools, home-based child care) to successfully participate and complete coursework.

Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits towards the BAS degree.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student must have completed an AAS degree program in early childhood education or a closely related field from a regionally accredited institution to change to this major.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/early-childhood-applied-science/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEAPSECBAS~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply theories of child development, culture, and context to make evidence-based decisions that support children's learning and well-being.
- Collaborate with families and community organizations to support the learning and well-being of young children.
- Use observation, documentation, and assessment tools to inform planning and support individualized instruction in early learning environments.
- Implement developmentally, culturally, and linguistically responsive teaching strategies that promote each child's learning, development, and sense of belonging.
- Plan curriculum using early learning standards and child-centered approaches.
- Create advocacy strategies to address an early childhood policy issue.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that, for the foreseeable future, migration will increase globally. Learners will migrate to new communities, and in response, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments.

Education students can prepare for this reality by participating in Global Education programs (https://goglobal.asu.edu/), in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

This program is a great option for those who are already working in the field of early childhood education.

Graduates may become early childhood educators in various settings, such as Head Start programs, early care and education centers, private preschools, nonprofit centers and home-based service providers. Other career opportunities include center-based administrators or directors; topic specialists who provide resources, training and technical assistance to early childhood educators and programs; program managers; family support specialists and consultants.

Contact information

Division for Advancing Education Policy, Practice | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Early Childhood Education, BAE (TEECDEDBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, ASU Sync

Program description

The Bachelor of Arts in Education program in early childhood education prepares students to meet the educational, behavioral and social-emotional needs of children, ages birth to age 8 or grade 3. This program focuses on child development and best practices in early childhood education, including the skills to create inclusive learning environments; conduct instructional design, planning and facilitation; and assess, monitor and report the progress of young children.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional

experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply what they learn during coursework in learning environments.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood Education, Birth-Age 8/Grade 3, as well as a Structured English Immersion, PreK-12, endorsement from the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

The ASU Sync option is only available to transfer students residing in Arizona because of state regulations and student teaching placement requirements. Students should have completed an associate degree by the time they enroll at ASU.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The ASU Sync option is available only to transfer students residing in Arizona because of state regulations and student teaching placement requirements. Students should have completed an associate degree by the time they are enrolled at ASU. Students on F-1 or J-1 immigration status are not allowed to complete courses via Sync.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEECDEDBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (https://goglobal.asu.edu/), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

There is a strong demand for early childhood educators in Arizona and nationwide. Many graduates with a degree in early childhood education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
http://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, ASU at The Gila Valley

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BAE in Early Childhood Education or the BAE in Special Education.

Program description

The Bachelor of Arts in Education program for early childhood education and early childhood special education allows students to be eligible for dual certification in both early childhood education and early childhood special education (birth to age 8).

This program focuses on child development; research-based instructional and assessment practices in early childhood education; and the skills to assess, monitor and report the progress of children with and without disabilities. It prepares students to collaborate effectively with family members of young children to support the growth and development of those children.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood and Early Childhood Special Education, and an endorsement in Structured English Immersion, preK--12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: Transfer students who live in Arizona and outside of Maricopa County may be eligible to take regularly scheduled classes remotely via ASU Sync. More information is available on the program website (https://education.asu.edu/degrees/undergraduate).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEECSEBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad (https://goglobal.asu.edu/). Students can explore how schooling works in countries that are leaders in education, conduct comparative research, and make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities.

Career opportunities

There is a strong demand for early childhood educators in Arizona and nationwide. Many graduates with a degree in early childhood education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Education Exploratory, (TEEDUEXPL)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley

Program description

The education exploratory program enables first-year students to explore various areas in education before they select a major at Mary Lou Fulton Teachers College.

During the program's first year of coursework, which includes four foundational education courses, and through specific cocurricular events scheduled throughout the first and second semesters, students on this track are exposed to all programs and certification areas. Students can make an informed decision about the grade level or area of specialization they are interested in while they stay on track to graduate with a bachelor's degree.

Education exploratory is an introductory program offered to students before they declare a major. It does not lead to a degree, and students need to declare a major after they complete 30 credit hours.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A first-year student with fewer than 24 credit hours is eligible to change their major to this program.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEDUEXPL~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students who participate in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

All students in the education exploratory program are poised to graduate from one of the majors within Mary Lou Fulton Teachers College. Information for those career opportunities can be found under each major.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Educational Studies, BAE (EDSLSTBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, Online

Program description

Learning happens everywhere and at all ages. The Bachelor of Arts in Education program in educational studies provides a flexible pathway to a bachelor's degree for students who want to work with children, youth and adults within nonprofit settings, community-based organizations, civic organizations and businesses. Students develop practical skills aligned with workforce demands, including facilitating learning experiences with, and for, diverse people in different contexts. They also develop skills for effective communication, collaboration, critical thinking, leadership, advocacy and innovation --- all of which are essential to educators working across professional contexts.

The educational studies curriculum prepares graduates to serve in a variety of roles in educational settings. Additional benefits include:

• Applied learning experiences, including a two-semester internship, provide opportunities for developing creative problem-solving, effective communication, collaboration and leadership skills that can be leveraged to secure employment after graduation.
• Flexible learning options are offered that accommodate diverse schedules and preferences, supported by engaged faculty and knowledgeable advisors.
• Students develop relationships with prospective employers during the program through embedded learning experiences and partnerships.
• The program can be a pathway to one of three accelerated bachelor's to master's degree programs, which provide students with the opportunity to secure a master's degree in a single year. Two of the programs lead to teacher certification.

While a shared set of learning objectives unites educational studies students, each student also has the ability to curate a unique educational experience tailored to their professional interests and the opportunity to explore new areas of interest.

An educational studies minor is also available to ASU students in other degree programs.

This program does not lead to teacher certification. However, students enrolled in the BAE in educational studies can secure certification by pursuing one of the accelerated master's programs (https://acceleratedmasters.asu.edu/how-apply) that lead to certification.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Secondary Education (Teacher Certification), MEd

Early Childhood Special Education, MEd

Learning Design and Technologies, MEd

Elementary Education, MEd

Global Education, MEd

Educational Policy, MA

Secondary Education, MEd

Early Childhood Special Education (Teacher Certification), MEd

Elementary Education (Teacher Certification), MEd

Higher and Postsecondary Education, MEd

Interdisciplinary Education on Community Health and Wellbeing, MA

Education, MA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-education-educational-studies/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDSLSTBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design sustainable educational innovations to address a social concern within an educational system.
- Integrate professional ethics, personal values, and personal beliefs in their educational practice as demonstrated in in-class reflections.
- Apply professional communication strategies, technology tools, and skills to engage in educational partnerships.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students who participate in study abroad programs can prepare for this reality by engaging in Global Education programs (https://goglobal.asu.edu/), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

Graduates hold a versatile degree that qualifies them for a variety of career paths in education, including roles at nonprofit organizations, community institutions, civic organizations and businesses.

Nearly 90% of alumni report being employed three months after graduation in various roles across multiple sectors, including:

- education sector
- health care sector
- nonprofit sector
- private sector
- social services sector

Contact information

Division for Advancing Education Policy, Practice | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Educational Studies (Early Childhood Studies), BAE (TEESECEBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Bachelor of Arts in Education program in educational studies with a concentration in early childhood studies prepares students for careers working with and advocating for children from birth to age 5 (not yet in kindergarten).

Students gain skills in communication, critical thinking and leadership so they can instill a lifelong love of learning in young children. Through online coursework, students deepen their understanding of the social, emotional, cognitive and physical development of young children. They learn to set developmentally appropriate learning goals for this age

group, and create and support effective instructional strategies and develop highly individualized instruction.

This program integrates experiential learning opportunities into the curriculum, enabling students to put coursework into practice. Students must be able to work or volunteer with learners in an early childhood setting (birth to age 5, not yet in kindergarten) for at least 15 hours per month throughout their junior and senior years.

Transfer students who already have an Associate of Applied Science degree in early childhood education or a closely related field should consider the Bachelor of Applied Science in applied science (early childhood studies) program, which has a parallel curriculum.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Early Childhood Special Education, MEd

Elementary Education, MEd

Early Childhood Special Education (Teacher Certification), MEd

Elementary Education (Teacher Certification), MEd

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/early-childhood-education/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESECEBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply theories of child development, culture, and context to make evidence-based decisions that support children’s learning and well-being.
- Collaborate with families and community organizations to support the learning and well-being of young children.
- Use observation, documentation, and assessment tools to inform planning and support individualized instruction in early learning environments.
- Implement developmentally, culturally, and linguistically responsive teaching strategies that promote each child’s learning, development, and sense of belonging.
- Plan curriculum using early learning standards and child-centered approaches.
- Create advocacy strategies to address an early childhood policy issue.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and bring a variety of cultures into classrooms and learning environments. Education students who participate in study abroad programs can prepare for this reality by engaging in Global Education programs (https://goglobal.asu.edu/), where they can expand their notion of "normal" schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

This program is a great option for students who are already working in the field of early childhood education.

Career opportunities for graduates include positions as early childhood educators in various settings, such as Head Start programs, early care and education centers, private preschools, nonprofit centers and home-based service providers. Other career opportunities include positions as center-based administrators or directors; topic specialists

who provide resources, training and technical assistance to early childhood professionals and programs; program managers; family support specialists; and consultants.

Contact information

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https://education.asu.edu/
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Educational Studies (Instructional Design), BAE (TEEDUSTBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Online

Program description

The Bachelor of Arts in Education program in educational studies with a concentration in instructional design helps students build critical competencies related to designing effective online learning to meet the needs of learners.

The curriculum is grounded in modern learning theory and design. Coursework addresses a variety of components within the field of education, including foundations of instructional design, theory and design of digital learning, and digital learning evaluation. All courses are taught online and combine a variety of resources and technologies to facilitate direct interaction between and among students and program faculty.

This program culminates with an internship in which students create and present a project that is applied in a professional context, demonstrating their knowledge of instructional design. Students work with an organization to identify an instructional need, problem or performance gap, and then they develop and deploy a solution to be delivered in an online or blended format.

An instructional design minor is also available to ASU students in other degree programs.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/undergraduate-bae-educational-studies-instructional-design) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEDUSTBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Program learning outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct needs analyses to formulate evidence-based recommendations that inform instructional design decisions.
- Design inclusive, learner-centered instruction using appropriate learning theories and instructional design principles.
- Develop a fully functional prototype of a basic declarative or procedural instructional solution.
- Design a comprehensive plan for evaluating the effectiveness of an instructional solution.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students who participate in study abroad programs can prepare for this reality by engaging in Global Education programs (https://goglobal.asu.edu/), where they can expand their notion of "normal" schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

There is growing demand for online educators, including in companies that develop materials for online students and any organization focused on digital learning. Graduates are prepared for instructional design roles in K--12 and higher education, nonprofits and corporate settings.

Career examples include:

- curriculum coordinator
- curriculum designer or developer
- distance learning manager
- instructional designer
- media center specialists
- technology coordinator
- training specialist, coordinator or manager

Contact information

Division for Advancing Education Policy, Practice | ED 102
https://education.asu.edu
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Elementary Education, BAE (TEEEDBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, ASU Sync, Online

Program description

The Bachelor of Arts in Education program with a concentration in elementary education prepares prospective educators to work with children in grades K--8 in an educational setting. This program leads to a K--8 elementary education credential in the state of Arizona.

Students receive a firm grounding in academic content with current research and best practices from nationally recognized faculty in their fields of expertise, accompanied by professional experiences. Students also gain experience in integrating technology into teaching practices.

The teacher certification program for elementary education is clinically embedded during sophomore, junior and senior years. The Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply in learning environments what they learn in coursework.

Graduates are recommended for grades K--8 elementary teacher certification. Those who desire to teach in a public school must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be credentialed to teach in Arizona.

Format option
This program is also offered via ASU Sync. (https://provost.asu.edu/sync/students) ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The ASU Sync option is available only to transfer students residing in Arizona because of state regulations and student teaching placement requirements. Students should have completed an associate degree by the time they are enrolled at ASU. Students on F-1 or J-1 immigration status are not allowed to complete courses via Sync.

Transfer admission requirements: The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's AA degree, along with the lower-division requirements for the ASU major.

Students should visit Admission Services (https://admission.asu.edu/transfer) for more information about ASU degrees offered at local community colleges.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/elementary-education-bae/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEEDBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students can prepare for this reality by participating in Global Education programs (https://goglobal.asu.edu/), expanding their notion of normal schooling and deepening their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

There is a demand for highly qualified elementary teachers in Arizona. A high percentage of students from this program receive job offers during their residencies. Many graduates with a degree in elementary education work in:

- charter schools
- nontraditional settings
- private school settings
- public elementary schools

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

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Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The Bachelor of Arts in Education program in elementary education with a concentration in science, technology, engineering and mathematics, collectively referred to as STEM, prepares students for certification in grades K--8 in the state of Arizona. This program includes coursework designed for students looking to advance their skills in STEM disciplines and wishing to learn techniques to effectively engage learners.

The program equips prospective educators with the specialized STEM knowledge they need to solve challenging problems and apply critical thinking skills. The elementary education STEM program offers students a firm grounding in the language, current research and best practices in STEM education.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K--8, and an endorsement in Structured English Immersion, pre-K--12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
or MAT 117 College Algebra or MAT 170 Precalculus
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESTEMBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons. Through the over 300 program options (https://goglobal.asu.edu/) available for global experiences, students can explore how schooling works in countries that are leaders in education, and they can conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. Many graduates with degrees in elementary education also work at community organizations serving children and youth.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Elementary Multilingual Education, BAE (TEEMLEBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

This Bachelor of Arts in Education program in elementary multilingual education prepares students to become educators for linguistically and culturally diverse learners in grades K--8. Students can specialize in several areas, including transborder and cultural studies, Indigenous education and Spanish.

Course topics include language diversity, dialectal variation, funds of knowledge (i.e., collections of knowledge-based cultural practices), and practices that value cultural and community engagement. Students learn processes for identifying English language learners as well as how to develop, and support the needs of students with, individual language learning plans. Students also receive preparation in teaching elementary content areas, including math, language arts, social studies and science, with a specific focus on meeting the academic and linguistic needs of English language learners.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional

experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply to practice in the classroom the knowledge gained in coursework.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students apply in learning environments what they learn during coursework.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K--8, as well as an endorsement in either bilingual education or English as a second language from the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments. In addition, students must complete six credit hours of a foreign language or equivalent and pass an appropriate language proficiency test outlined by the Arizona Department of Education to be eligible for the bilingual education or English as a second language endorsement.

Format option
Upper-division courses in this program are also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEMLEBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

MLFTC graduates are highly sought-after teachers in public, charter and private education institutions, including the increasing number of dual-language programs.

Possible careers include:

- bilingual-dual language K--8 classroom teacher
- K--8 classroom teacher
- language coach
- structured English immersion classroom teacher

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

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https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Middle Grades Education, BAE (TEMGEBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

The Bachelor of Arts in Education program in middle grades education prepares students for certification in teaching grades 5--9 in the state of Arizona. Students learn the essential knowledge and skills they need to become highly impactful middle-grades teachers, and they learn to plan and implement evidence-based practices that support the distinct needs of adolescents. In addition to general education and foundational courses, students select one content area of focus: middle grades English language arts, middle grades general science, middle grades mathematics or middle grades social studies.

The middle grades education coursework emphasizes developmentally responsive curriculum, instruction and assessment practices that are grounded in research, empower teachers and students, and prioritize equity. Extensive professional experiences are built into the program to prepare students to enter the teaching profession after graduation.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply the knowledge gained in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply in learning environments what they learn during coursework.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Middle Grades Education, and an endorsement in Structured English Immersion, PreK--12, from the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEMGEBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

MLFTC graduates are highly sought-out teachers in public, charter and private education institutions. Advanced degrees or certifications may be required for academic or clinical positions. Career examples include:

- instructional coach
- instructional specialist
- middle grades English language arts teacher
- middle grades math teacher
- middle grades science teacher
- middle grades social studies teacher

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.To be eligible for a middle grades education credential in Arizona, students must meet all requirements specified by the Arizona Department of Education, including passing the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments. Individuals who have previously earned a bachelor's or master's degree in the content area may be eligible to waive the subject knowledge exam and should contact mlfccertification@asu.edu (mailto:mlfccertification@asu.edu) to learn more.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Physical Education, BAE (TEPPEBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

Program description

The Bachelor of Arts in Education program in physical education prepares students to teach quality physical education programs to learners in preschool through grade 12.

The curriculum directly aligns with national beginning teacher standards of SHAPE America --- The Society of Health and Physical Education Teachers of America. Students take foundational coursework in the areas of growth and motor development, movement activities and lifelong physical fitness. The coursework covers elementary, secondary and adaptive physical education methods, including topics such as instructional design, lesson planning and modifications, and accommodations for P--12 learners. Students develop skills in creating positive and productive learning environments, assessing and monitoring student progress, reporting outcomes, and conducting themselves as responsible and ethical professionals.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply to practice in the classroom the knowledge gained in coursework.

Students complete a series of internships before a semester-long full-time teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply in learning environments what they learn during coursework.

Graduates earn an institutional recommendation for teacher certification in Physical Education, P--12, as well as a Structured English Immersion, P--12, endorsement through the Arizona Department of Education. To teach in a public school, graduates must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEPPEBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students who participate in study abroad programs can prepare for this reality by engaging in Global Education programs (https://goglobal.asu.edu/). They expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

MLFTC graduates are highly sought-after teachers in public, charter and private education institutions. Many graduates with degrees in physical education pursue careers in coaching, fitness instruction, or other roles focused on health and wellness.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Secondary Education, BAE (TESEDBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley, ASU Sync

Program description

The Bachelor of Arts in Education program in secondary education prepares students to educate learners in grades 6--12 in the content area of the student's choice.

Students develop strong content knowledge, instructional competency and professional skills needed to lead successful classrooms in middle and high schools. Students gain extensive experience integrating educational technology, and the program has a strong focus on teaching and learning practices that foster equitable access and outcomes for diverse secondary populations. Students select one content area as their subject emphasis, in which they take at least 24 credit hours. Content areas, which may vary depending on location, include biology, business, chemistry, earth and space sciences, economics, English, general science, geography, health, history, mathematics, physics, physical education, political science and American government, and some foreign languages.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students apply in learning environments what they learn during coursework.

Graduates earn a bachelor's degree in secondary education and receive an institutional recommendation for teacher certification in Secondary Education, 6--12, as well as a structured English Immersion, P--12, endorsement through the Arizona Department of Education. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

The BAE program in secondary education via ASU Sync is available for transfer students who reside in Arizona.

Students should speak to an advisor about the content areas and modalities offered at ASU campuses in and outside Maricopa County.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More

information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The ASU Sync option is available only to transfer students residing in Arizona because of state regulations and student teaching placement requirements. Students should have completed an associate degree by the time they are enrolled at ASU. Students on F-1 or J-1 immigration status are not allowed to complete courses via Sync.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESEDBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students participating in study abroad can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu), they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

Graduates are recommended for certification in an approved area for grades 6--12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast-growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools
- online schools

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.To be eligible for a secondary education credential in Arizona, students must meet all requirements specified by the Arizona Department of Education, including passing the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments. Individuals who have previously earned a bachelor's or master's degree in the content area may be eligible to waive the subject knowledge exam and should contact mlfccertification@asu.edu (mailto:mlfccertification@asu.edu) to learn more.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Secondary Education (Biological Sciences), BAE (TEBIOBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley

Program description

Aligned with strong content knowledge of biological sciences, the Bachelor of Arts in Education in secondary education with a concentration in biology focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply in learning environments what they learn in their coursework.

Completion of this program leads to a bachelor's degree in secondary education with a concentration in biology and an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6--12, as well as a Structured English Immersion, P--12, endorsement through the Arizona Department of Education. To be eligible for secondary certification in Arizona, students must earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 170 - Precalculus
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEBIOBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability and economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

MLFTC graduates are highly sought-out teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast-growing state such as Arizona are numerous.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Secondary Education (Chemistry), BAE (TECHMBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Polytechnic, Tempe, West Valley

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

Bachelor of Arts in Education programs in secondary education prepare educators to teach youth enrolled in grades 6--12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers the Structured English Immersion instruction that qualifies students to receive the endorsement that enables them to work with English language learners, and it also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to classroom practice in grades 6--12. Students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional

experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TECHMBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Science educators can experience physical sciences and chemistry outside the classroom through study abroad (https://goglobal.asu.edu/). STEM programs in Europe, Asia and Latin America offer hands-on opportunities that explore climate change, engineering and the intersection of humanities and science. Opportunities include research and learning alongside peers from other countries. Program lengths range as short as a week to a full semester or a summer.

Career opportunities

Graduates from secondary education are recommended for certification in an approved area for grades 6--12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast-growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings

- public schools

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu
ASUeducation@asu.edu
480-965-5555

Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Polytechnic, Tempe, West Valley

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options. Prospective students should consider the Secondary Education, BAE, which allows students to focus on a content area of their choice.

Program description

The Bachelor of Arts in Education program in secondary education with a concentration in earth and space sciences prepares students to educate learners in grades 6--12. Aligned with strong content knowledge of earth and space sciences, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long, full-time teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply what they learn during coursework in learning environments.

Graduates from this program earn a bachelor's degree in their content area and receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6--12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 210 - Brief Calculus
or MAT 270 Calculus w/Analytic Geometry I
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDESSBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments.

Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (https://goglobal.asu.edu/) in which they can expand their notion of "normal" schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast-growing state such as Arizona are numerous.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Secondary Education (English), BAE (TEENGBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley

Program description
The Bachelor of Arts in Education in secondary education with a concentration in English combines a strong foundation in English language arts with a focus on integrating technology into teaching. The program provides the professional experience necessary to develop effective teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply in learning environments what they learn in their coursework.

Students who complete this program earn a bachelor's degree in secondary education with a concentration in English and receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6--12, as well as a Structured English Immersion, P--12, endorsement through the Arizona Department of Education. To be eligible for secondary certification in Arizona, students must earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options
Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options
This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA
Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements
General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEENGBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students who participate in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

MLFTC graduates are highly sought-after teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is strong. Job opportunities in a fast-growing state such as Arizona are numerous.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Secondary Education (History), BAE (TEHISBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley

Program description

The Bachelor of Arts in Education in secondary education with a concentration in history combines strong content knowledge with a focus on integrating technology into teaching. Students gain the professional experience necessary to develop effective teaching skills that lead to success in grades 6--12 classrooms.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply in learning environments what they learn in their coursework.

Students who complete this program earn a bachelor's degree in secondary education with a concentration in history and receive an institutional recommendation for teacher certification in Secondary Education, 6--12, as well as a Structured English Immersion, P--12, endorsement through the Arizona Department of Education. To be eligible for secondary certification in Arizona, students must earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEHISBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

MLFTC graduates are highly sought-after teachers in public, charter and private education institutions. The demand for well-prepared secondary history teachers is strong. Job opportunities in a fast-growing state such as Arizona are numerous.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Secondary Education (Mathematics), BAE (TEMATBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, West Valley

Program description

The Bachelor of Arts in Education program in secondary education with a concentration in mathematics combines strong content knowledge in mathematics with a focus on integrating technology into teaching. The program provides students with the professional experience necessary to develop effective teaching skills that lead to success in the classrooms.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student teaching) with a team of peers while receiving

guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. Clinically embedded courses and professional experiences provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships before a semester-long full-time student teaching experience. With the support of a certified mentor teacher and ASU faculty, students are able to apply in learning environments what they learn in their coursework.

Students who complete the program earn a bachelor's degree in secondary education with a concentration in mathematics and receive an institutional recommendation for teacher certification in Secondary Education, 6--12, as well as a Structured English Immersion, P--12, endorsement through the Arizona Department of Education. To be eligible for secondary certification in Arizona, students must earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 270 - Calc w/Analytic Geometry I
Math intensity: Substantial

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEMATBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. As learners migrate to new communities, educators will increasingly be asked to meet the needs of students who speak languages other than English and who bring diverse cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

MLFTC graduates are highly sought-after teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is especially strong in the areas of mathematics and science. Job opportunities in a fast-growing state such as Arizona are numerous.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Secondary Education (Political Science), BAE (TEPOLBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Polytechnic, Tempe, West Valley

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The Bachelor of Arts in Education program in secondary education with a concentration in political science prepares students to educate learners in grades 6--12. Aligned with strong content knowledge of political science, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Students complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified

teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and receive an institutional recommendation from ASU that the Arizona Department of Education recognizes for the state's Secondary Education, 6--12 teacher certification. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEPOLBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Future teachers of political science can experience new cultures firsthand through study abroad. Through more than 300 program options (https://goglobal.asu.edu/) around the world, students can explore borders, economics, identity and conflict and see politics as a lived experience, all of which adds critical value to an education degree.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is strong. Job opportunities in a fast-growing state such as Arizona are numerous.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu
ASUeducation@asu.edu
480-965-9995

Secondary Education (Spanish), BAE (TESPABAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Polytechnic, Tempe, West Valley
ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program description

The Bachelor of Arts in Education program in secondary education with a concentration in Spanish prepares students to educate learners in grades 6--12. Aligned with strong content knowledge of Spanish language, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop the teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Students complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and receive an institutional recommendation from ASU that the Arizona Department of Education recognizes for the state's Secondary Education, 6--12 teacher certification. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPABAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Studying abroad is vital when learning the Spanish language and culture. Future teachers of Spanish, the third most spoken language in the world, can add value to their degree through immersion programs across the Spanish-speaking world in Europe and Latin America. Students explore history and culture in English while acquiring Spanish language skills.

Available programs can be found on the Global Education website (https://goglobal.asu.edu/).

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is strong. Job opportunities in a fast-growing state such as Arizona are numerous.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Special Education, BAE (TESPCEDBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe, ASU Sync

Program description

Special educators make a difference in the lives of children and families. They are curious about how people learn and develop throughout their lifespan. A special education degree prepares students to understand human diversity, communicate effectively and develop problem-solving skills that support their success and that of others.

The Bachelor of Arts in Education program in special education prepares graduates to work with students with disabilities in inclusive settings. Teacher candidates learn to use evidence-based practices that promote students' success with general education content, including high-leverage practices in literacy and math. They develop adaptive techniques for students with disabilities and learn to use instructional and assistive technologies to facilitate success.

Students participate in professional experiences designed to expose them to numerous ways of teaching and learning. Internships and student teaching are embedded during sophomore, junior and senior years to provide teacher candidates with multiple opportunities to work directly with children and youth.

Program graduates are eligible for the Standard Professional Mild/Moderate Disabilities Special Education Certificate - Grades K--12. Those who desire to teach in a public school in Arizona must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option
This program is also offered via ASU Sync (https://provost.asu.edu/sync/students). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real time with faculty and peers. ASU Sync students must reside in Arizona throughout the duration of the program. Students on F-1 or J-1 immigration status are not permitted to complete courses via ASU Sync and should speak with an advisor about other options for completing this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill (https://www.benefits.va.gov/gibill/).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (https://acceleratedmasters.asu.edu/how-apply).

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Additional requirements:
The ASU Sync option is available only to transfer students residing in Arizona because of state regulations and student teaching placement requirements. Students should have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

A current ASU student has no additional requirements for changing majors.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPCEDBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students who participate in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

The BAE program in special education leads to teacher certification to support a critical market demand for special education teachers in Arizona and beyond. Graduates are poised to find employment in any career that supports learners with disabilities; common settings include community- and youth-serving organizations, higher education institutions and health-related organizations.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Special Education (Visual Impairment), BAE (TESPEVIBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Tempe

ASU is no longer accepting new students to this program. Individuals interested in earning a teacher certification in special education, grades K--12 from the Arizona Department of Education should consider the Special Education, BAE.

Program description

The Bachelor of Arts in Education program in special education with a concentration in visual impairment provides a strong foundation in evidence-based, high-leverage practices in special education. The visual impairment concentration focuses on diagnostic assessment, orientation and communication skills, and specific teaching methodologies for students with visual impairments. It includes a strong focus on assistive technology to advance learning in the classroom and in daily life.

Students are taught to collaborate with parents, classroom teachers and related service personnel to meet the needs of learners with visual impairments. The curriculum is aligned with Arizona and national standards consistent with the Council for Exceptional Children.

Starting in the fifth term, the program is delivered in partnership with the Foundation for Blind Children in Phoenix, Arizona. Courses are taught by Foundation for Blind Children faculty associates and full-time ASU faculty to provide candidates with theoretical and practical perspectives on teaching and learning for individuals with visual impairments.

Some professional experiences take place at the Foundation for Blind Children and within a local school district, providing experiences that prepare students to teach in both self-contained and inclusive settings.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Visually Impaired Special Education, birth--grade 12 and an endorsement in Structured English Immersion, pre-K--12. Certifications and endorsements are issued by the Arizona Department of Education. To teach in an Arizona public school, graduates must pass the appropriate professional knowledge or subject knowledge educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
OR MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPEVIBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration will increase globally for the foreseeable future. Learners will migrate to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a variety of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality. By engaging in Global Education programs (https://goglobal.asu.edu/), students can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

Career opportunities

Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. Graduates with this special education degree can teach the visually impaired in a variety of special education settings, such as resource rooms and self-contained classrooms, and they can coteach with general educators.

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 102
https://education.asu.edu/
ASUeducation@asu.edu
480-965-9995

Special Education and Elementary Education, BAE (TESPEBAE)

College/School: Mary Lou Fulton College for Teaching & Learning In

Campus: Polytechnic, Tempe, West Valley, ASU at Northeastern Arizona, ASU at The Gila Valley, ASU at Yuma

ASU is no longer accepting new students to this program. Individuals interested in a degree in special education should apply to the Special Education, BAE or the Mild/Moderate Special Education certificate. Individuals interested in a degree in elementary education should apply to the Elementary Education, BAE or the Elementary Education certificate.

Program description

The Bachelor of Arts in Education program for special education and elementary education prepares students to work with all learners in inclusive settings.

Since the general education classroom is a viable placement option for many students with mild and moderate learning and behavioral disabilities, students in this program learn to use evidence-based practices that promote success with general education content, including high leverage practices in literacy, math, sciences and social studies. They develop

adaptive techniques for learners with disabilities and use instructional and assistive technologies to facilitate success in the general education curriculum.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Students complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Mild/Moderate Disabilities Special Education, K--12, Elementary Education, K--8, and an endorsement in Structured English Immersion, preK--12, through the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate professional knowledge or subject knowledge educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: Transfer students who live in Arizona and outside of Maricopa County may be eligible to take regularly scheduled classes remotely via ASU Sync. Students can learn more on the Sync website (https://provost.asu.edu/sync/students).

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: MAT 114 - College Mathematics
OR MAT 117 College Algebra
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPEBAE~null&college=CTE) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad (https://goglobal.asu.edu/). They can explore how schooling works in countries that are leaders in education, conduct comparative research, and make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities.

Career opportunities

Graduates of the program are eligible to teach in elementary education programs for grades K--8 and K--12 for the following high-incidence disabilities:

emotional disorders
intellectual disabilities (mild or moderate)
other health impairments
orthopedic impairments
specific learning disabilities

They can teach in a variety of inclusive educational settings, including public, charter and private schools as well as nontraditional settings (juvenile system, children's hospital and more).

Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (https://admission.asu.edu/academics/licensure) webpage.

Contact information

Division for Advancing Educator Preparation | ED 118
https://education.asu.edu/
ASUeducation@asu.edu
480-965-5555

University College

Exploratory Health and Life Sciences, (UCHSCIEXPL)

College/School: University College

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program description

The exploratory health and life sciences track allows students to explore majors and career pathways related to understanding the health and well-being of living organisms.

ASU recognizes that many students seek the opportunity to explore possible academic programs when they first enter the university. By selecting an exploratory program, students can meet general studies requirements that all ASU graduates must fulfill while simultaneously exploring a variety of academic courses and disciplines that help to inform their next major at the university.

The exploratory health and life sciences program is a student-centered experience designed to enable students to explore who they are and what matters to them as they engage in deep self-exploration and design possible pathways for the future. Guided by design thinking principles, students explore their interests, values and skills while engaging in experiential learning opportunities. Students immerse themselves in diverse disciplines, which fosters the discovery of majors as well as career interests and pathways.

The exploratory program offers four tracks: health and life sciences; humanities, fine arts and design (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHUFAEXPL/exploratory-humanities-fine-arts-and-design); math, physical sciences, engineering and technology (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCEMTPEXPL/exploratory-math-physical-sciences-engineering-and-technology); and social and behavioral sciences (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCSBSEXPL/exploratory-social-and-behavioral-sciences).

All students in the exploratory major are required to enroll in these major and career exploration courses:

• ASU 230: Life by Design --- This course empowers students to proactively shape their academic and personal journeys, assisting them in identifying their interests, strengths and values.
• UNI 250: Designing Your ASU Experience --- This course provides students with comprehensive guidance on academic pathways and potential career opportunities, leading to greater confidence when they select their major.
• UNI 270: Work by Design - Preparing for a Career --- This course equips students with essential skills and strategies to pursue opportunities in their chosen or desired career fields.

Through these courses and the exploratory health and life sciences track, ASU encourages students to explore and develop academic interests and make informed decisions about their educational and career paths.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Math courses needed are determined by potential major choice.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who have completed fewer than 45 college credit hours may change to exploratory status.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-health-life-sciences/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCHSCIEXPL~null&college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring health and life sciences on a global scale can be beneficial to students as they narrow their focus of study. While taking courses abroad, students learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while staying on track for graduation. They may apply financial aid and scholarships toward program costs. More information is available on the Global Education Office (https://goglobal.asu.edu/) website.

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

Dean, University College | INTDSB 354
https://universitycollege.asu.edu/explore/advising
exploratory@asu.edu
480-965-9256

Exploratory Humanities, Fine Arts and Design, (UCHUFAEXPL)

College/School: University College

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program description

The exploratory humanities, fine arts and design program allows students to explore majors and career pathways related to understanding meaning and purpose through art and creative expression.

ASU recognizes that many students seek the opportunity to explore possible academic programs when they first enter the university. By selecting an exploratory program, students can meet general studies requirements that all ASU graduates must fulfill while simultaneously exploring a variety of academic courses and disciplines that help to inform their next major at the university.

The exploratory humanities, fine arts and design program is a student-centered experience designed to enable students to explore who they are and what matters to them as they engage in deep self-exploration and design possible pathways for the future. Guided by design thinking principles, students explore their interests, values and skills while engaging in experiential learning opportunities. Students immerse themselves in diverse disciplines, which fosters the discovery of majors as well as career interests and pathways.

The exploratory program offers four tracks: health and life sciences (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHSCIEXPL/exploratory-health-and-life-sciences); humanities, fine arts and design; math, physical sciences, engineering and technology (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCEMTPEXPL/exploratory-math-physical-sciences-engineering-and-technology); and social and behavioral sciences (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCSBSEXPL/exploratory-social-and-behavioral-sciences).

All students in the exploratory major are required to enroll in these major and career exploration courses:

• ASU 230: Life by Design --- This course empowers students to proactively shape their academic and personal journeys, assisting them in identifying their interests, strengths and values.
• UNI 250: Designing Your ASU Experience --- This course provides comprehensive guidance on academic pathways and potential career opportunities, leading to greater confidence in selecting a major.
• UNI 270: Work by Design - Preparing for a Career --- This course equips students with essential skills and strategies to pursue opportunities in their chosen or desired career fields.

Through these courses and the exploratory humanities, fine arts and design track, ASU encourages students to explore and develop academic interests and make informed decisions about their educational and career paths.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Math courses needed are determined by potential major choice.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who have completed fewer than 45 college credit hours may change to exploratory status.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-humanities-arts-design/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCHUFAEXPL~null&college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring humanities on a global scale can be beneficial to students, helping them narrow their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while gaining a global perspective applicable to many careers. They may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office (https://goglobal.asu.edu/) website.

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

Dean, University College | INTDSB 354
https://universitycollege.asu.edu/explore/advising
exploratory@asu.edu
480-965-9256

Exploratory Math, Physical Sciences, Engineering and Technology, (UCEMTPEXPL)

College/School: University College

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program description

The exploratory mathematics, physical sciences, engineering and technology program allows students to explore majors and career pathways related to understanding systems and tools related to mathematics, physical science, engineering or technology.

ASU recognizes that many students seek the opportunity to explore possible academic programs when they first enter the university. By selecting an exploratory program, students can meet general studies requirements that all ASU graduates must fulfill while simultaneously exploring a variety of academic courses and disciplines that help to inform their next major at the university.

The mathematics, physical sciences, engineering and technology track is a student-centered experience designed to enable students to explore who they are and what matters to them as they engage in deep self-exploration and design possible pathways for the future. Guided by design thinking principles, students explore their interests, values and skills while engaging in experiential learning opportunities. Students immerse themselves in diverse disciplines, which fosters the discovery of majors as well as career interests and pathways.

The exploratory program offers four tracks: health and life sciences (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHSCIEXPL/exploratory-health-and-life-sciences); humanities, fine arts and design (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHUFAEXPL/exploratory-humanities-fine-arts-and-design); math, physical sciences, engineering and technology; and social and behavioral sciences (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCSBSEXPL/exploratory-social-and-behavioral-sciences).

All students in the exploratory major are required to enroll in these major and career exploration courses:

• ASU 230: Life by Design --- This course empowers students to proactively shape their academic and personal journeys, assisting them in identifying their interests, strengths and values.
• UNI 250: Designing Your ASU Experience --- This course provides students with comprehensive guidance on academic pathways and potential career opportunities, leading to greater confidence in selecting their major.
• UNI 270: Work by Design - Preparing for a Career --- This course equips students with essential skills and strategies to pursue opportunities in their chosen or desired career fields.

Through these courses and the exploratory mathematics, physical sciences, engineering and technology track, ASU encourages students to explore and develop academic interests and make informed decisions about their educational and career paths.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Math courses needed will be determined by potential major choice.
Math intensity: Moderate

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)

Transfer (https://admission.asu.edu/transfer/apply)
International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who have completed fewer than 45 college credit hours may change to exploratory status.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-math-science-engineering-technology/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCEMTPEXPL~null&college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring math, physics, engineering and technology on a global scale can be beneficial in helping students to narrow their focus of study. While taking courses abroad, students learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while gaining a global perspective applicable to many careers. They may apply financial aid and scholarships toward program costs. More information is available on the Global Education Office (https://goglobal.asu.edu/) website.

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

Dean, University College | INTDSB 354
https://universitycollege.asu.edu/explore/advising
exploratory@asu.edu
480-965-9256

Exploratory Social and Behavioral Sciences, (UCSBSEXPL)

College/School: University College

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program description

The exploratory social and behavioral sciences program allows students to explore majors and career pathways related to understanding human behavior in interpersonal, cultural and societal contexts.

ASU recognizes that many students seek the opportunity to explore possible academic programs when they first enter the university. By selecting an exploratory program, students can meet general studies requirements that all ASU graduates must fulfill while simultaneously exploring a variety of academic courses and disciplines that help to inform their next major at the university.

The exploratory social and behavioral sciences track is a student-centered experience designed to enable students to explore who they are and what matters to them as they engage in deep self-exploration and design possible pathways for the future. Guided by design thinking principles, students explore their interests, values and skills while engaging in experiential learning opportunities. Students immerse themselves in diverse disciplines, which fosters the discovery of majors as well as career interests and pathways.

The exploratory program offers four tracks: health and life sciences (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHSCIEXPL/exploratory-health-and-life-sciences); humanities, fine arts and design (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCHUFAEXPL/exploratory-humanities-fine-arts-and-design); math, physical sciences, engineering and technology (https://degrees.apps.asu.edu/bachelors/major/ASU00/UCEMTPEXPL/exploratory-math-physical-sciences-engineering-and-technology); and social and behavioral sciences.

All students in the exploratory major are required to enroll in these major and career exploration courses:

• ASU 230: Life by Design --- This course empowers students to proactively shape their academic and personal journeys, assisting them in identifying their interests, strengths and values.
• UNI 250: Designing Your ASU Experience --- This course provides comprehensive guidance on academic pathways and potential career opportunities, leading to greater confidence in selecting their major.
• UNI 270: Work by Design - Preparing for a Career --- This course equips students with essential skills and strategies to pursue opportunities in their chosen or desired career fields.

Through these courses and the exploratory social and behavioral sciences track, ASU encourages students to explore and develop academic interests and make informed decisions about their educational and career paths.

Second language requirement: No
STEM-OPT extension eligible: No
First required math course: Math courses needed are determined by potential major choice.
Math intensity: General

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Admission requirements

General university admission requirements:
All students are required to meet general university admission requirements.
First-year (https://admission.asu.edu/first-year/apply)
Transfer (https://admission.asu.edu/transfer/apply)

International (https://admission.asu.edu/international/undergrad-apply)
Readmission (https://admission.asu.edu/undergrad/readmission)

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about ASU tuition and financial aid (https://admission.asu.edu/cost-aid) options to find out which will work best for them.

Change of Major requirements

Students who have completed fewer than 45 college credit hours may change to exploratory.
Students should visit the Change of Major form (https://changemajor.apps.asu.edu) for information about how to change a major to this program.

Attend online

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-social-behavioral-sciences/) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (https://asulocal.asu.edu), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCSBSEXPL~null&college=CUC) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (https://admission.asu.edu/transfer/MyPath2ASU) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience: Exploring social and behavioral sciences on a global scale can be beneficial to students who are narrowing their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while gaining a global perspective applicable to many careers. They may apply financial aid and scholarships toward program costs. More information is available on the Global Education (https://goglobal.asu.edu/) website.

Career opportunities

Career opportunities are specific to the ultimate major of choice.

Contact information

Dean, University College | INTDSB 354
https://universitycollege.asu.edu/explore/advising
exploratory@asu.edu
480-965-9256

Curriculum - Accountancy, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAACCBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

ACC 330 Data Analytics in Accounting	C	3
ACC 340 External Reporting I	C	3
ACC 440 External Reporting II	C	3
ACC 444 Integrated Business Processes and Enabling Technologies	C	3
ACC 430 Taxes and Business Decisions OR ACC 450 Principles of Auditing	C	3
Upper Division Accountancy Major Elective (choose two) ACC 350 Internal Reporting	C	6

Requirement	Minimum Grade	Credit Hours
ACC 430 Taxes and Business Decisions		
ACC 450 Principles of Auditing		
ACC 460 Ethics for Professional Accountants		
ACC 494 Topic: ESG Reporting		
CIS 407 Business Database Systems Development		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 232 and ACC 242 are the recommended lower-division ACC courses for Accountancy students.		
ACC 232 Financial Accounting I OR **ACC 231 Uses of Accounting Information I**	C	3
ACC 242 Managerial Accounting I OR **ACC 241 Uses of Accounting Information II**	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3

ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.00 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.00 GPA in major courses.

Students must complete a minimum of 32 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Business and Technology Solutions, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BAAPBTSBA
Minimum credit hours: 120
Upper division minimum credit hours: 52.5

Requirement	Minimum Grade	Credit Hours
Specializations: Students will choose two specialization. Each specialization must have a minimum of 12 credits (four courses).		

Career Navigation

WPC 148 First-Year Introduction to Career Development		0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.		0.25
WPC 348 Junior Networking Foundations		0.25
WPC 448 Senior Career Transition Management		0.25

Applied Business Data Analytics Courses

Requirement	Minimum Grade	Credit Hours
CIS 308 Advanced Excel in Business		3
CIS 309 Business Process Management		3
CIS 310 Business Data Visualization		3
CIS 405 Business Intelligence		3

Specialization #1

Specialization Course	C	3

Students choose two specializations.

Communication Specialization (choose four course) - offered at West Valley

- COM 100 Introduction to Human Communication (SOBE)
- COM 312 Communication, Conflict, and Negotiation (CIVI)
- COM 316 Gender and Communication (SOBE)
- COM 430 Leadership in Group Communication
- ENG 311 Persuasive Writing (CIVI)

Digital Business Specialization (choose four courses) - offered as iCourses

- CIS 235 Introduction to Information Systems, Analytics and AI in Business
- CIS 300 Web Design and Development

Requirement	Minimum Grade	Credit Hours
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
Inclusive Excellence Specilization (choose four courses) - offered at West Valley		
DST 101 Introduction to Disability Studies (CIVI)		
DST 494 Topic: Disability and Aesthetics		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		
SOC 426 Social Inequalities (CIVI)		
Food and Agribusiness Innovation Specialization (choose four courses - offered at Poly		
AGB 100 Introduction to Agribusiness		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 452 Global Food and Agricultural Trade		
Food Industry Management Specialization (choose four courses) - offered as iCourses		

Requirement	Minimum Grade	Credit Hours
AGB 250 Economics of Resource Allocation: Food and Agriculture		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
Global Management Specialization (choose four courses) - offered at West Valley		
Required:		
TGM 101 Principles of Global Management (GCSI)		
Choose three courses:		
TGM 312 Big Data in the Global Economy		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
Health Care Innovation Specialization (choose four courses) - offered at West Valley and as iCourses		
HCI 311 Health Innovation: Foundational Concepts		

Requirement	Minimum Grade	Credit Hours
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
Human Resource Management Specialization (choose four courses) - offered at Poly		
Required:		
MGT 420 Human Resource Management		
Choose three courses:		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
Human Systems Engineering Specialization (choose four courses) - offered at Poly		
Required:		
HSE 101 Introduction to Human Systems Engineering (SOBE)		
Choose three:		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		

Requirement	Minimum Grade	Credit Hours
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		
HSE 426 Training and Expertise		
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		
HSE 429 Product Design and Evaluation		
Leadership Development Specialization (choose four courses) - offered at West Valley		
COM 225 Public Speaking and Presentations (CIVI) **or** **COM 312 Communication, Conflict, and Negotiation (CIVI)** **or** **COM 319 Persuasion and Social Influence (CIVI)** **or** **COM 400 Communication in Professions**		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		
Medial Studies Specialization (choose four courses) - offered at Poly		
HCD 303 Global Health Care Systems (GCSI)		

Requirement	Minimum Grade	Credit Hours
MED 300 Historical and Contemporary Issues in Health		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
Project Management Specialization (choose four courses) - offered as iCourses		
Required:		
PMG 240 Introduction to Project Management		
Choose three courses:		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
Sales and Marketing Essentials Specialization (choose four courses) - offered as iCourses		
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 396 Essentials of Services Marketing		

Requirement	Minimum Grade	Credit Hours
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		
Supply Chain Management & Sustainability Specialization (choose four courses) - offered as iCourse		
SCM 200 Society, Supply Chains and You (SUST)		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		
SCM 485 Business and Sustainability II		
Technical Communication Specialization (choose four courses) - offered at Poly		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		
TWC 435 Global Issues in Technical Communication (GCSI)		
Technical Entrepreneurship and Management Specialization (choose four courses) - offered at Poly		
TEM 200 Entrepreneurial Mindset for Technologists		
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		

Requirement	Minimum Grade	Credit Hours
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TMC 498 Pro-Seminar		
Tourism Specialization (choose four courses) - offered as iCourses		
Required:		
TDM 205 Introduction to Travel and Tourism (GCSI)		
Choose three courses:		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		
TDM 483 Sports Tourism		
Interdisciplinary Business Studies Specialization (choose four courses)		
AGB 100 Introduction to Agribusiness		

Requirement	Minimum Grade	Credit Hours
AGB 250 Economics of Resource Allocation: Food and Agriculture		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
CIS 235 Introduction to Information Systems, Analytics and AI in Business		
CIS 300 Web Design and Development		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
COM 100 Introduction to Human Communication (SOBE) **or** COM 319 Persuasion and Social Influence (CIVI) **or** COM 400 Communication in Professions		

Requirement	Minimum Grade	Credit Hours
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 430 Leadership in Group Communication		
DST 101 Introduction to Disability Studies (CIVI)		
DST 494 Topic: Disability and Aesthetics		
ENG 311 Persuasive Writing (CIVI)		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		
HCD 303 Global Health Care Systems (GCSI)		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 420 Population Health Management		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
HSE 101 Introduction to Human Systems Engineering (SOBE)		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		

Requirement	Minimum Grade	Credit Hours
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		
HSE 426 Training and Expertise		
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		
HSE 429 Product Design and Evaluation		
MED 300 Historical and Contemporary Issues in Health		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		
MGT 420 Human Resource Management		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		

Requirement	Minimum Grade	Credit Hours
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 396 Essentials of Services Marketing		
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		
PMG 320 Project Approaches		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		
PMG 323 Project Cost Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
SCM 200 Society, Supply Chains and You (SUST)		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		
SCM 485 Business and Sustainability II		
SOC 426 Social Inequalities (CIVI)		

Requirement	Minimum Grade	Credit Hours
TDM 205 Introduction to Travel and Tourism (GCSI)		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 483 Sports Tourism		
TEM 200 Entrepreneurial Mindset for Technologists		
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TGM 101 Principles of Global Management (GCSI)		
TGM 312 Big Data in the Global Economy		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TMC 498 Pro-Seminar		

Requirement	Minimum Grade	Credit Hours
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		
TWC 435 Global Issues in Technical Communication (GCSI)		
Upper Division Specialization Course	C	9
Students choose two specializations.		
Communication Specialization (choose four course) - offered at West Valley		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 430 Leadership in Group Communication		
ENG 311 Persuasive Writing (CIVI)		
Digital Business Specialization (choose four courses) - offered as iCourses		
CIS 300 Web Design and Development		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		

Requirement	Minimum Grade	Credit Hours
Inclusive Excellence Specilization (choose four courses) - offered at West Valley		
DST 494 Topic: Disability and Aesthetics		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		
SOC 426 Social Inequalities (CIVI)		
Food and Agribusiness Innovation Specialization (choose four courses - offered at Poly		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 452 Global Food and Agricultural Trade		
Food Industry Management Specialization (choose four courses) - offered as iCourses		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		

Requirement	Minimum Grade	Credit Hours
AGB 445 Food Retailing		
Global Management Specialization (choose four courses) - offered at West Valley		
Required:		
Choose three courses:		
TGM 312 Big Data in the Global Economy		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
Health Care Innovation Specialization (choose four courses) - offered at West Valley and as iCourses		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
Human Resource Management Specialization (choose four courses) - offered at Poly		
Required:		
MGT 420 Human Resource Management		

Requirement	Minimum Grade	Credit Hours
Choose three courses:		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
Human Systems Engineering Specialization (choose four courses) - offered at Poly		
Required:		
Choose three:		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		
HSE 426 Training and Expertise		
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		

Requirement	Minimum Grade	Credit Hours
HSE 429 Product Design and Evaluation		
Leadership Development Specialization (choose four courses) - offered at West Valley		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		
Medial Studies Specialization (choose four courses) - offered at Poly		
HCD 303 Global Health Care Systems (GCSI)		
MED 300 Historical and Contemporary Issues in Health		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
Project Management Specialization (choose four courses) - offered as iCourses		
Required:		
Choose three courses:		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		

Requirement	Minimum Grade	Credit Hours
PMG 422 Project Quality Management		
Sales and Marketing Essentials Specialization (choose four courses) - offered as iCourses		
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 396 Essentials of Services Marketing		
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		
Supply Chain Management & Sustainability Specialization (choose four courses) - offered as iCourse		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		
SCM 485 Business and Sustainability II		
Technical Communication Specialization (choose four courses) - offered at Poly		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		

Requirement	Minimum Grade	Credit Hours
TWC 435 Global Issues in Technical Communication (GCSI)		
Technical Entrepreneurship and Management Specialization (choose four courses) - offered at Poly		
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TMC 498 Pro-Seminar		
Tourism Specialization (choose four courses) - offered as iCourses		
Required:		
Choose three courses:		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		

Requirement	Minimum Grade	Credit Hours
TDM 483 Sports Tourism		
Interdisciplinary Business Studies Specialization (choose four courses)		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
CIS 300 Web Design and Development		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		

Requirement	Minimum Grade	Credit Hours
COM 430 Leadership in Group Communication		
DST 494 Topic: Disability and Aesthetics		
ENG 311 Persuasive Writing (CIVI)		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		
HCD 303 Global Health Care Systems (GCSI)		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 420 Population Health Management		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		

Requirement	Minimum Grade	Credit Hours
HSE 426 Training and Expertise		
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		
HSE 429 Product Design and Evaluation		
MED 300 Historical and Contemporary Issues in Health		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		
MGT 420 Human Resource Management		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 396 Essentials of Services Marketing		

Requirement	Minimum Grade	Credit Hours
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		
PMG 320 Project Approaches		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		
PMG 323 Project Cost Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		
SCM 485 Business and Sustainability II		
SOC 426 Social Inequalities (CIVI)		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 483 Sports Tourism		

Requirement	Minimum Grade	Credit Hours
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TGM 312 Big Data in the Global Economy		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TMC 498 Pro-Seminar		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		
TWC 435 Global Issues in Technical Communication (GCSI)		

Specialization #2

Requirement	Minimum Grade	Credit Hours
Specialization Course	C	3
Students choose two specializations.		
Communication Specialization (choose four course) - offered at West Valley		
COM 100 Introduction to Human Communication (SOBE)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 430 Leadership in Group Communication		
ENG 311 Persuasive Writing (CIVI)		
Digital Business Specialization (choose four courses) - offered as iCourses		
CIS 235 Introduction to Information Systems, Analytics and AI in Business		
CIS 300 Web Design and Development		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
Inclusive Excellence Specilization (choose four courses) - offered at West Valley		
DST 101 Introduction to Disability Studies (CIVI)		
DST 494 Topic: Disability and Aesthetics		

Requirement	Minimum Grade	Credit Hours
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		
SOC 426 Social Inequalities (CIVI)		
Food and Agribusiness Innovation Specialization (choose four courses - offered at Poly		
AGB 100 Introduction to Agribusiness		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 452 Global Food and Agricultural Trade		
Food Industry Management Specialization (choose four courses) - offered as iCourses		
AGB 250 Economics of Resource Allocation: Food and Agriculture		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		

Requirement	Minimum Grade	Credit Hours
AGB 445 Food Retailing		
Global Management Specialization (choose four courses) - offered at West Valley		
Required:		
TGM 101 Principles of Global Management (GCSI)		
Choose three courses:		
TGM 312 Big Data in the Global Economy		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
Health Care Innovation Specialization (choose four courses) - offered at West Valley and as iCourses		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
Human Resource Management Specialization (choose four courses) - offered at Poly		
Required:		

Requirement	Minimum Grade	Credit Hours
MGT 420 Human Resource Management		
Choose three courses:		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
Human Systems Engineering Specialization (choose four courses) - offered at Poly		
Required:		
HSE 101 Introduction to Human Systems Engineering (SOBE)		
Choose three:		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		
HSE 426 Training and Expertise		

Requirement	Minimum Grade	Credit Hours
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		
HSE 429 Product Design and Evaluation		
Leadership Development Specialization (choose four courses) - offered at West Valley		
COM 225 Public Speaking and Presentations (CIVI) **or** **COM 312 Communication, Conflict, and Negotiation (CIVI)** **or** **COM 319 Persuasion and Social Influence (CIVI)** **or** **COM 400 Communication in Professions**		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		
Medial Studies Specialization (choose four courses) - offered at Poly		
HCD 303 Global Health Care Systems (GCSI)		
MED 300 Historical and Contemporary Issues in Health		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
Project Management Specialization (choose four courses) - offered as iCourses		
Required:		
PMG 240 Introduction to Project Management		

Requirement	Minimum Grade	Credit Hours
Choose three courses:		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
Sales and Marketing Essentials Specialization (choose four courses) - offered as iCourses		
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 396 Essentials of Services Marketing		
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		
Supply Chain Management & Sustainability Specialization (choose four courses) - offered as iCourse		
SCM 200 Society, Supply Chains and You (SUST)		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		

Requirement	Minimum Grade	Credit Hours
SCM 485 Business and Sustainability II		
Technical Communication Specialization (choose four courses) - offered at Poly		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		
TWC 435 Global Issues in Technical Communication (GCSI)		
Technical Entrepreneurship and Management Specialization (choose four courses) - offered at Poly		
TEM 200 Entrepreneurial Mindset for Technologists		
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TMC 498 Pro-Seminar		
Tourism Specialization (choose four courses) - offered as iCourses		
Required:		

Requirement	Minimum Grade	Credit Hours
TDM 205 Introduction to Travel and Tourism (GCSI)		
Choose three courses:		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		
TDM 483 Sports Tourism		
Interdisciplinary Business Studies Specialization (choose four courses)		
AGB 100 Introduction to Agribusiness		
AGB 250 Economics of Resource Allocation: Food and Agriculture		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 410 Food Supply Chains		

Requirement	Minimum Grade	Credit Hours
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
CIS 235 Introduction to Information Systems, Analytics and AI in Business		
CIS 300 Web Design and Development		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
COM 100 Introduction to Human Communication (SOBE) **or** COM 319 Persuasion and Social Influence (CIVI) **or** COM 400 Communication in Professions		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 430 Leadership in Group Communication		
DST 101 Introduction to Disability Studies (CIVI)		
DST 494 Topic: Disability and Aesthetics		
ENG 311 Persuasive Writing (CIVI)		

Requirement	Minimum Grade	Credit Hours
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		
HCD 303 Global Health Care Systems (GCSI)		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 420 Population Health Management		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
HSE 101 Introduction to Human Systems Engineering (SOBE)		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		
HSE 426 Training and Expertise		

Requirement	Minimum Grade	Credit Hours
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		
HSE 429 Product Design and Evaluation		
MED 300 Historical and Contemporary Issues in Health		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		
MGT 420 Human Resource Management		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 396 Essentials of Services Marketing		
MKT 397 Essentials of Global Marketing		

Requirement	Minimum Grade	Credit Hours
MKT 398 Essentials of Sports Business		
PMG 320 Project Approaches		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		
PMG 323 Project Cost Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
SCM 200 Society, Supply Chains and You (SUST)		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		
SCM 485 Business and Sustainability II		
SOC 426 Social Inequalities (CIVI)		
TDM 205 Introduction to Travel and Tourism (GCSI)		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		

Requirement	Minimum Grade	Credit Hours
TDM 483 Sports Tourism		
TEM 200 Entrepreneurial Mindset for Technologists		
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TGM 101 Principles of Global Management (GCSI)		
TGM 312 Big Data in the Global Economy		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TMC 498 Pro-Seminar		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		

Requirement	Minimum Grade	Credit Hours
TWC 435 Global Issues in Technical Communication (GCSI)		
Upper Division Specialization Course	C	9
Students choose two specializations.		
Communication Specialization (choose four course) - offered at West Valley		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 430 Leadership in Group Communication		
ENG 311 Persuasive Writing (CIVI)		
Digital Business Specialization (choose four courses) - offered as iCourses		
CIS 300 Web Design and Development		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
Inclusive Excellence Specilization (choose four courses) - offered at West Valley		
DST 494 Topic: Disability and Aesthetics		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		

Requirement	Minimum Grade	Credit Hours
SOC 426 Social Inequalities (CIVI)		
Food and Agribusiness Innovation Specialization (choose four courses - offered at Poly		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 452 Global Food and Agricultural Trade		
Food Industry Management Specialization (choose four courses) - offered as iCourses		
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
Global Management Specialization (choose four courses) - offered at West Valley		
Required:		
Choose three courses:		
TGM 312 Big Data in the Global Economy		

Requirement	Minimum Grade	Credit Hours
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
Health Care Innovation Specialization (choose four courses) - offered at West Valley and as iCourses		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
Human Resource Management Specialization (choose four courses) - offered at Poly		
Required:		
MGT 420 Human Resource Management		
Choose three courses:		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		

Requirement	Minimum Grade	Credit Hours
Human Systems Engineering Specialization (choose four courses) - offered at Poly		
Required:		
Choose three:		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		
HSE 426 Training and Expertise		
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		
HSE 429 Product Design and Evaluation		
Leadership Development Specialization (choose four courses) - offered at West Valley		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		

Requirement	Minimum Grade	Credit Hours
Medial Studies Specialization (choose four courses) - offered at Poly		
HCD 303 Global Health Care Systems (GCSI)		
MED 300 Historical and Contemporary Issues in Health		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
Project Management Specialization (choose four courses) - offered as iCourses		
Required:		
Choose three courses:		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
Sales and Marketing Essentials Specialization (choose four courses) - offered as iCourses		
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		

Requirement	Minimum Grade	Credit Hours
MKT 396 Essentials of Services Marketing		
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		
Supply Chain Management & Sustainability Specialization (choose four courses) - offered as iCourse		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		
SCM 485 Business and Sustainability II		
Technical Communication Specialization (choose four courses) - offered at Poly		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		
TWC 435 Global Issues in Technical Communication (GCSI)		
Technical Entrepreneurship and Management Specialization (choose four courses) - offered at Poly		
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		
TEM 431 Innovation Management		

Requirement	Minimum Grade	Credit Hours
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
TMC 498 Pro-Seminar		
Tourism Specialization (choose four courses) - offered as iCourses		
Required:		
Choose three courses:		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		
TDM 483 Sports Tourism		
Interdisciplinary Business Studies Specialization (choose four courses)		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 366 Food System Technology Innovations		

Requirement	Minimum Grade	Credit Hours
AGB 370 Food Retailing Strategy Development and Case Competition		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
CIS 300 Web Design and Development		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 430 Leadership in Group Communication		
DST 494 Topic: Disability and Aesthetics		
ENG 311 Persuasive Writing (CIVI)		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 430 Gender on the Borderlands (HUAD)		

Requirement	Minimum Grade	Credit Hours
HCD 303 Global Health Care Systems (GCSI)		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 420 Population Health Management		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
HSE 323 Perceptual Systems (SOBE)		
HSE 324 Applied Cognitive Science (SOBE)		
HSE 325 Human-Computer Interaction		
HSE 422 Human Factors in Sport		
HSE 423 Human Factors in Transportation		
HSE 424 Human Automation Interaction		
HSE 425 Human Factors in Medical Systems		
HSE 426 Training and Expertise		
HSE 427 Designing for Learning		
HSE 428 Judgment and Decision Making		
HSE 429 Product Design and Evaluation		
MED 300 Historical and Contemporary Issues in Health		

Requirement	Minimum Grade	Credit Hours
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 450 Leadership and Professionalism		
MGT 310 Collaborative Team Skills		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 411 Leading Organizations		
MGT 420 Human Resource Management		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MKT 391 Essentials of Selling		
MKT 392 Essentials of Business Marketing		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 396 Essentials of Services Marketing		
MKT 397 Essentials of Global Marketing		
MKT 398 Essentials of Sports Business		
PMG 320 Project Approaches		
PMG 321 Project Leadership, Strategy and Scope		
PMG 322 Project Schedule Management		

Requirement	Minimum Grade	Credit Hours
PMG 323 Project Cost Management		
PMG 324 Resources in Project Management		
PMG 326 Project Procurement Management		
PMG 421 Project Risk Management		
PMG 422 Project Quality Management		
SCM 385 Business and Sustainability I (SUST)		
SCM 463 Global Supply Chain Management (GCSI)		
SCM 485 Business and Sustainability II		
SOC 426 Social Inequalities (CIVI)		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 483 Sports Tourism		
TEM 301 Applied Social Entrepreneurship II		
TEM 400 Technology Entrepreneurship		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		

Requirement	Minimum Grade	Credit Hours
TGM 312 Big Data in the Global Economy		
TGM 460 Global Risk Assessment and Management		
TGM 468 States and Markets in a Global Economy (GCSI)		
TGM 478 Cross-Cultural Communication and Negotiation		
TMC 498 Pro-Seminar		
TWC 301 Fundamentals of Writing for Digital Media		
TWC 401 Fundamentals of Technical Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		
TWC 435 Global Issues in Technical Communication (GCSI)		

Business Capstone

WPC 460 Business Capstone All upper-division Business Foundation classes must be completed before enrolling in WPC 460.	C	1

Business Skills Courses

CIS 105 Computer Applications and Information		3

Technology (QTRS)	
ECN 211 Macroeconomic Principles (SOBE)	3
ECN 212 Microeconomic Principles (SOBE)	3
ECN 221 Business Statistics (QTRS)	3
MAT 117 College Algebra (MATH)	3

Business Foundation Courses

ACC 382 Accounting and Financial Analysis	3
FIN 380 Personal Financial Management	3
MGT 380 Management and Strategy	3
MKT 390 Essentials of Marketing	3
SCM 380 Supply Chain Management Foundations (SUST)	3
AGB 302 International Management and Agribusiness (GCSI) OR **MGT 302 Principles of International Business (GCSI)**	3

Other Business Courses

ENG 302 Business Writing	3
COM 259 Communication in Business and the Professions (CIVI)	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Artificial Intelligence in Business, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAAIBBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

CIS 235 Introduction to Information Systems, Analytics and AI in Business	C	3
CIS 404 Programming for Analytics and AI in Business	C	3
CIS 412 Business Machine Learning	C	3
CIS 415 Big Data and AI in Business	C	3
CIS 446 Data and Technology Governance in Business	C	3
CIS 476 Transforming Business with AI (Capstone)	C	3
CIS 406 AI Foundations in Business	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Artificial Intelligence in Business Major Elective	C	3
CIS 300 Web Design and Development		
CIS 308 Advanced Excel in Business		
CIS 309 Business Process Management		
CIS 310 Business Data Visualization		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
CIS 315 Introduction to Business Data Analytics		
CIS 340 Business Information System Development I		
CIS 345 Business Information System Development II		
CIS 401 Managing Cyber Risks in Enterprise Business Processes		
CIS 402 Privacy, Ethics and Compliance Issues		
CIS 405 Business Intelligence		
CIS 407 Business Database Systems Development		
CIS 409 Business Data Warehouses and Dimensional Modeling		
CIS 425 Web Technologies for the Enterprise		
CIS 484 Internship		
Maximum three credit hours of CIS 484 may be applied toward the AI in Business major elective requirement		

Requirement	Minimum Grade	Credit Hours
CIS 493 Honors Thesis Maximum three credit hours of CIS 493 may be applied toward the AI in Business major elective requirement		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must earn a 2.0 GPA in major courses.
Students must complete a minimum of 34 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSBA
Minimum credit hours: 47.5
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
Business Skills		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3

ACC 231 Uses of Accounting Information I	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skills - Math

MAT 117 Track

> **MAT 117 College Algebra (MATH)**
>
> **MAT 210 Brief Calculus (MATH)**

AND Mathematics (MATH)

OR **MAT 210 Track**

> Required:
>
> **MAT 210 Brief Calculus (MATH)**
>
> Choose one quantitative course from the list below:
>
> **MAT 211 Mathematics for Business Analysis** **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

C 6

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3

Career Navigation

WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management**	C	0.25

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must declare a major by the end of term 3.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Agribusiness Innovation and Technology), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSGAGBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
MKT 300 Marketing and Business Performance	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

AGB 100 Introduction to Agribusiness	C	3
AGB 250 Economics of Resource Allocation: Food and Agriculture	C	3
AGB 321 Agribusiness Sales and Marketing	C	3
AGB 435 Commodity Futures and Options Markets	C	3
AGB 414 Food and Agribusiness Policy Issues	C	3
AGB 452 Global Food and Agricultural Trade	C	3

Requirement	Minimum Grade	Credit Hours
AGB 366 Food System Technology Innovations	C	3
AGB 410 Food Supply Chains	C	3

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track	C	6
MAT 117 College Algebra (MATH)		
MAT 210 Brief Calculus (MATH)		

AND Mathematics (MATH)

OR **MAT 210 Track**

> Required:
>
> **MAT 210 Brief Calculus (MATH)**
>
> Choose one quantitative course from the list below:
>
> **MAT 211 Mathematics for Business Analysis** **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 34 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Business Administration), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSBABA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
LES 305 Business Law and Ethics for Managers	C	3
FIN 300 Fundamentals of Finance	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

BUS 384 Business Operations and Planning	C	3
MGT 411 Leading Organizations	C	3
Business Administration Track Course Students choose three courses from one track: Business Administration, Healthy Lifestyles Coaching, or Human Resources. **Business Administration Track** AGB 414 Food and Agribusiness Policy Issues	C	3

Requirement	Minimum Grade	Credit Hours
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
AGB 456 Food Product Innovation and Development		
AGB 481 Strategic Pricing in Food Markets		
BUS 424 Sales and Negotiations		
BUS 434 Business Risk Management		
COM 353 Professional Communication		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 420 Human Resource Management		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MGT 426 HR Consulting Projects		
MGT 430 Negotiations		
PHI 360 Business and Professional Ethics (HUAD)		

Requirement	Minimum Grade	Credit Hours
PSY 304 Effective Thinking		
SCM 354 Procurement of Services		
SCM 385 Business and Sustainability I (SUST)		
TMC 320 Funding the Enterprise		
TWC 422 Social Media in the Workplace		
Healthy Lifestyles Coaching Track		
CHS 300 An Exploration of Well-Being (SOBE)		
CHS 340 Health Theory		
EXW 101 Foundations of Health and Fitness Science		
EXW 335 Physical Activity and Physiological Concepts		
EXW 400 Stress Management for Wellness		
HEP 380 Body Image and Wellness		
HSC 355 Eating for Lifelong Health (SOBE)		
HSC 440 Health Coaching Concepts and Skills		
NTR 100 Introduction to Nutrition Science		
NTR 241 Human Nutrition		
SSP 320 Coaching Leadership, Performance Team and Facility Management		
Human Resources Track		

Requirement	Minimum Grade	Credit Hours
Required Course:		
MGT 420 Human Resource Management		
Choose two other courses:		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MGT 426 HR Consulting Projects		
Upper Division Business Administration Track Course	C	6
Students choose three courses from one track: Business Administration, Healthy Lifestyles Coaching, or Human Resources.		
Business Administration Track		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		

Requirement	Minimum Grade	Credit Hours
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
AGB 456 Food Product Innovation and Development		
AGB 481 Strategic Pricing in Food Markets		
BUS 424 Sales and Negotiations		
BUS 434 Business Risk Management		
COM 353 Professional Communication		
MGT 400 Cross-Cultural Management (GCSI)		
MGT 420 Human Resource Management		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MGT 426 HR Consulting Projects		
MGT 430 Negotiations		
PHI 360 Business and Professional Ethics (HUAD)		
PSY 304 Effective Thinking		
SCM 354 Procurement of Services		

Requirement	Minimum Grade	Credit Hours
SCM 385 Business and Sustainability I (SUST)		
TMC 320 Funding the Enterprise		
TWC 422 Social Media in the Workplace		
Healthy Lifestyles Coaching Track		
CHS 300 An Exploration of Well-Being (SOBE)		
CHS 340 Health Theory		
EXW 335 Physical Activity and Physiological Concepts		
EXW 400 Stress Management for Wellness		
HEP 380 Body Image and Wellness		
HSC 355 Eating for Lifelong Health (SOBE)		
HSC 440 Health Coaching Concepts and Skills		
SSP 320 Coaching Leadership, Performance Team and Facility Management		
Human Resources Track		
Required Course:		
MGT 420 Human Resource Management		
Choose two other courses:		

Requirement	Minimum Grade	Credit Hours
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MGT 426 HR Consulting Projects		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track

MAT 117 College Algebra (MATH)			
MAT 210 Brief Calculus (MATH)			
AND	Mathematics (MATH)		
OR	**MAT 210 Track**		
Required:			
MAT 210 Brief Calculus (MATH)			
Choose one quantitative course from the list below:		C	6
MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**			
AND	Mathematics (MATH)		

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND**	Social and Behavioral Sciences (SOBE)	3

SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must complete a minimum of 25 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Communication), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSCBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

COM 100 Introduction to Human Communication (SOBE)	C	3
COM 230 Teamwork and Collaboration (SOBE)	C	3
COM 259 Communication in Business and the Professions (CIVI)	C	3
COM 312 Communication, Conflict, and Negotiation (CIVI)	C	3
COM 400 Communication in Professions OR COM 403 Intercultural Business Communication (CIVI) OR COM 451 Communication and Work Relationships	C	3

Requirement	Minimum Grade	Credit Hours
COM 430 Leadership in Group Communication	C	3
COM 453 Communication Training and Development	C	3

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track	C	6
MAT 117 College Algebra (MATH)		
MAT 210 Brief Calculus (MATH)		

AND Mathematics (MATH)

OR **MAT 210 Track**

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students will complete MAT 117 and MAT 210 OR MAT 210 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar

required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Corporate Accounting), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSCABA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

ACC 310 Intermediate Accounting	C	3
ACC 320 Management Accounting I	C	3
ACC 454 Tax Planning	C	3
ACC 455 Governance and Enterprise Risk Management	C	3
Upper Division Corporate Accounting Major Elective Select two courses ACC 410 Financial Statement Analysis ACC 420 Management Accounting II	C	6

Requirement	Minimum Grade	Credit Hours
ACC 444 Integrated Business Processes and Enabling Technologies		
ACC 450 Principles of Auditing		
ACC 460 Ethics for Professional Accountants		
ACC 494 Topic: ESG Reporting		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track

MAT 117 College Algebra (MATH)			
MAT 210 Brief Calculus (MATH)			
AND Mathematics (MATH)			

OR **MAT 210 Track**

Required:		
MAT 210 Brief Calculus (MATH)		
Choose one quantitative course from the list below:	C	6
MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		
AND Mathematics (MATH)		

Students must complete two math courses. Students will complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing	3
COM 259 Communication in Business and the Professions (CIVI)	3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)	3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)	3

WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Financial Planning), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSFPBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

ACC 435 Personal Tax Management and Planning	C	3
FIN 380 Personal Financial Management	C	3
FIN 385 Personal Insurance Planning	C	3
FIN 386 Estate Planning Strategies	C	3
FIN 420 Personal Portfolio Management	C	3
FIN 460 Personal Finance Cases and Modeling	C	3

Business Capstone

Requirement	Minimum Grade	Credit Hours
WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track — Minimum Grade: C — Credit Hours: 6

> **MAT 117 College Algebra (MATH)**
>
> **MAT 210 Brief Calculus (MATH)**

AND Mathematics (MATH)

OR **MAT 210 Track**

> Required:
>
> **MAT 210 Brief Calculus (MATH)**

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business		1

WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Food Industry Management), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSFIMBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

AGB 100 Introduction to Agribusiness	C	3
AGB 250 Economics of Resource Allocation: Food and Agriculture	C	3
AGB 420 Food Advertising and Promotion	C	3
AGB 425 Food Supply Networks	C	3
AGB 435 Commodity Futures and Options Markets	C	3
AGB 445 Food Retailing	C	3
AGB 456 Food Product Innovation and Development	C	3

Requirement	Minimum Grade	Credit Hours
AGB 481 Strategic Pricing in Food Markets	C	3

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skill Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track	C	6
MAT 117 College Algebra (MATH)		
MAT 210 Brief Calculus (MATH)		

AND Mathematics (MATH)

OR **MAT 210 Track**

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 34 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Global Leadership), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSGBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

MGT 400 Cross-Cultural Management (GCSI)	C	3
MGT 411 Leading Organizations	C	3
MGT 430 Negotiations **OR** SCM 463 Global Supply Chain Management (GCSI)	C+	3
POS 486 International Political Economy (GCSI) **OR** POS 350 Comparative Politics (GCSI)	C	3
Upper Division Business Global Leadership Major Elective Select two courses AGB 302 International Management and Agribusiness	C	6

Requirement	Minimum Grade	Credit Hours
(GCSI)		
ECN 306 Survey of International Economics (GCSI)		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
JUS 350 Immigration and Justice (SOBE)		
MGT 302 Principles of International Business (GCSI)		
MKT 425 Global Marketing Management (GCSI)		
POS 350 Comparative Politics (GCSI)		
POS 360 World Politics (GCSI)		
POS 486 International Political Economy (GCSI)		
SCM 463 Global Supply Chain Management (GCSI)		
SOC 352 Social Change (CIVI)		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3

ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track

MAT 117 College Algebra (MATH)

MAT 210 Brief Calculus (MATH)

AND Mathematics (MATH)

OR **MAT 210 Track**

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below: C 6

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must complete a minimum of 26 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Global Logistics Management), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSGLBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
MKT 300 Marketing and Business Performance	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

SCM 314 Analytics for Logistics	C	3
SCM 344 Applied Logistics Management	C	3
SCM 354 Procurement of Services	C	3
SCM 385 Business and Sustainability I (SUST)	C	3
SCM 445 Advanced Logistics Management	C	3
MGT 411 Leading Organizations	C	3

Requirement	Minimum Grade	Credit Hours
Business Capstone		
WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3
Business Skills Courses		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3
Business Skill - Math Courses		
MAT 117 Track **MAT 117 College Algebra (MATH)** **MAT 210 Brief Calculus (MATH)** **AND** Mathematics (MATH) **OR** **MAT 210 Track**	C	6

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar

required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Global Politics), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSGPBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

POS 350 Comparative Politics (GCSI)	C	3
POS 360 World Politics (GCSI)	C	3
Global Politics - International Relations and Global Issues Course POS 260 Current Issues in International Politics (GCSI) POS 300 Contemporary Global Controversies (GCSI) POS 361 American Foreign Policy (SOBE) POS 364 National Security, Intelligence, and Terrorism (SOBE) POS 367 World Politics and Global Inequalities (GCSI)	C	3

Requirement	Minimum Grade	Credit Hours
POS 368 Ethics and Human Rights (GCSI)		
POS 378 Religion, War and Peace (CIVI)		
POS 394 Topic: America's Guerrilla Wars		
POS 467 International Security (GCSI)		
POS 486 International Political Economy (GCSI)		
POS 494 Topic: Diplomacy/PolicyDesignStudio I		
SGS 101 Thinking Globally (GCSI) **or** SGS 301 Principles of Global Studies (GCSI)		
Upper Division Global Politics - International Relations and Global Issues Course	C	3
POS 300 Contemporary Global Controversies (GCSI)		
POS 361 American Foreign Policy (SOBE)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 368 Ethics and Human Rights (GCSI)		
POS 378 Religion, War and Peace (CIVI)		
POS 394 Topic: America's Guerrilla Wars		
POS 467 International Security (GCSI)		
POS 486 International Political Economy (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 494 Topic: Diplomacy/PolicyDesignStudio I		
Global Politics - Comparative Politics and International Political Theories Course	C	3
CEL 394 Topic: Left and Right Around the World		
CEL 494 Topic: Political Thought: Islam, Hinduism, Confucianism		
CEL 475 Statesmanship and American Grand Strategy (HUAD)		
POS 210 Political Ideologies (CIVI)		
POS 341 History of Political Philosophy II		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 351 Democratization (GCSI)		
POS 352 European Democracies		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 356 European Union (GCSI)		
POS 358 Southeast Asia		
POS 359 African Politics and Society		
POS 379 The Resource Curse		
POS 394 Topic: Democracy Beyond Borders		
POS 452 China		
POS 454 Mexico		

Requirement	Minimum Grade	Credit Hours
POS 453 Latin America		
POS 494 Topic: Democratic Erosion		
Upper Division Global Politics - Comparative Politics and International Political Theories Course	C	3
CEL 394 Topic: Left and Right Around the World		
CEL 494 Topic: Political Thought: Islam, Hinduism, Confucianism		
CEL 475 Statesmanship and American Grand Strategy (HUAD)		
POS 341 History of Political Philosophy II		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 351 Democratization (GCSI)		
POS 352 European Democracies		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 356 European Union (GCSI)		
POS 358 Southeast Asia		
POS 359 African Politics and Society		
POS 379 The Resource Curse		
POS 394 Topic: Democracy Beyond Borders		
POS 452 China		
POS 454 Mexico		

Requirement	Minimum Grade	Credit Hours
POS 453 Latin America		
POS 494 Topic: Democratic Erosion		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track	C	6
MAT 117 College Algebra (MATH)		
MAT 210 Brief Calculus (MATH)		

AND Mathematics (MATH)

OR **MAT 210 Track**

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Health Care), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSHCBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR WPC 347 Intermediate Career Management	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division International Business Course		
AGB 302 International Management and Agribusiness (GCSI)		
ECN 306 Survey of International Economics (GCSI)		
MGT 302 Principles of International Business (GCSI)	C	3
MKT 425 Global Marketing Management (GCSI)		
SCM 463 Global Supply Chain Management (GCSI)		
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
Business Health Care Track Course	C	3
Students choose one of the five Health Care tracks: Health Care Analytics, Health Care Community, Health Care Coordination, Health Care Delivery, or Health Care Innovation.		
Health Care Analytics Track:		
CIS 235 Introduction to Information Systems, Analytics and AI in Business		
CIS 308 Advanced Excel in Business		
CIS 310 Business Data Visualization		
CIS 405 Business Intelligence		

Requirement	Minimum Grade	Credit Hours
Health Care Community Track:		
HCR 231 Fundamentals of Community Health		
HCR 335 Program Development and Management for Community Health		
HCR 430 Foundation to Health Care Systems		
HCR 435 Leaders in Community Health		
Health Care Coordination Track:		
HCR 302 Social Determinants of Health		
HCR 321 Advanced Concepts for Health Care Coordination		
HCR 420 Professional Role Development: Health Care Coordination		
HCR 422 Policy and Financial Principles in Health Care Coordination		
Health Care Delivery Track:		
HCD 302 Health Care Management		
HCD 303 Global Health Care Systems (GCSI)		
HCD 304 Health Care Finance		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 402 Health Economics (SOBE)		
HCD 403 Process Engineering		
MED 450 Leadership and Professionalism		

Requirement	Minimum Grade	Credit Hours
Health Care Innovation Track:		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		
Upper Division Business Health Care Track Course	C	9
Students choose one of the five Health Care tracks: Health Care Analytics, Health Care Community, Health Care Coordination, Health Care Delivery, or Health Care Innovation.		
Health Care Analytics Track:		
CIS 308 Advanced Excel in Business		
CIS 310 Business Data Visualization		
CIS 405 Business Intelligence		
Health Care Community Track:		
HCR 335 Program Development and Management for Community Health		
HCR 430 Foundation to Health Care Systems		
HCR 435 Leaders in Community Health		
Health Care Coordination Track:		
HCR 302 Social Determinants of Health		

Requirement	Minimum Grade	Credit Hours
HCR 321 Advanced Concepts for Health Care Coordination		
HCR 420 Professional Role Development: Health Care Coordination		
HCR 422 Policy and Financial Principles in Health Care Coordination		
Health Care Delivery Track:		
HCD 302 Health Care Management		
HCD 303 Global Health Care Systems (GCSI)		
HCD 304 Health Care Finance		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 402 Health Economics (SOBE)		
HCD 403 Process Engineering		
MED 450 Leadership and Professionalism		
Health Care Innovation Track:		
HCI 311 Health Innovation: Foundational Concepts		
HCI 421 Health Care Policy: The Innovator's View (CIVI)		
HCI 425 Facilitating Innovation to Achieve Outcomes		
HCI 428 Technology: A Tool to Advance Innovation in Health Care		

Requirement	Minimum Grade	Credit Hours
Business Capstone		
WPC 470 Business Leadership Capstone	C	3
Business Skills Courses		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3
Business Skill - Math Courses		
MAT 117 Track	C	6
MAT 117 College Algebra (MATH)		
MAT 210 Brief Calculus (MATH)		
AND Mathematics (MATH)		
OR MAT 210 Track		
Required:		
MAT 210 Brief Calculus (MATH)		

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis or ACO 100 All About Data: Design, Query, and Visualization (QTRS) or EDS 223 Design Thinking or EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Human Resources), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSHRBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR WPC 347 Intermediate Career Management	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division International Business Course		
AGB 302 International Management and Agribusiness (GCSI)		
ECN 306 Survey of International Economics (GCSI)		
MGT 302 Principles of International Business (GCSI)	C	3
MKT 425 Global Marketing Management (GCSI)		
SCM 463 Global Supply Chain Management (GCSI)		
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

MGT 420 Human Resource Management	C	3
MGT 421 Compensation in Organizations	C	3
MGT 422 Staffing	C	3
MGT 423 Training and Development in Organizations	C	3
MGT 424 Employment Law	C	3
MGT 425 Global Human Resources	C	3

Business Capstone

WPC 470 Business Leadership Capstone	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track C 6

> **MAT 117 College Algebra (MATH)**
>
> **MAT 210 Brief Calculus (MATH)**

AND Mathematics (MATH)

OR **MAT 210 Track**

> Required:
>
> **MAT 210 Brief Calculus (MATH)**
>
> Choose one quantitative course from the list below:
>
> **MAT 211 Mathematics for Business Analysis** **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Information Security), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSISBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR WPC 347 Intermediate Career Management	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division International Business Course		
AGB 302 International Management and Agribusiness (GCSI)	C	3
ECN 306 Survey of International Economics (GCSI)		
MGT 302 Principles of International Business (GCSI)		
MKT 425 Global Marketing Management (GCSI)		
SCM 463 Global Supply Chain Management (GCSI)		
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

CIS 235 Introduction to Information Systems, Analytics and AI in Business	C	3
ACO 330 Computer Networks	C	3
CIS 404 Programming for Analytics and AI in Business	C	3
CIS 401 Managing Cyber Risks in Enterprise Business Processes	C	3
CIS 402 Privacy, Ethics and Compliance Issues	C	3
CIS 407 Business Database Systems Development	C	3
DIF 350 Digital Forensics OR **FOR 350 Digital Forensics**	C	3

Business Capstone

Requirement	Minimum Grade	Credit Hours
WPC 470 Business Leadership Capstone	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track	C	6

> MAT 117 College Algebra (MATH)
>
> MAT 210 Brief Calculus (MATH)

AND Mathematics (MATH)

OR MAT 210 Track

> Required:
>
> MAT 210 Brief Calculus (MATH)
>
> Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		
AND Mathematics (MATH)		

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 28 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Language and Culture), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABSLACUBA
Minimum credit hours: 120
Upper division minimum credit hours: 51.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) ECN 360 Economic Development (GCSI) MGT 302 Principles of International Business (GCSI) MGT 400 Cross-Cultural Management (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

MGT 459 International Management (GCSI)	C	3
Business Language and Culture Track Course Students select one language track: Chinese, Chinese Native Speaker, French, Italian, or Spanish. Chinese Language Track CHI 120 Introduction to Chinese Culture (HUAD) CHI 201 Intermediate Chinese I	C	11

Requirement	Minimum Grade	Credit Hours
CHI 301 Third-Year Chinese I		
CHI 302 Third-Year Chinese II		
CHI 333 China or **CHI 336 Interpreting China's Classics** or **CHI 343 Daoism (HUAD)**		
CHI 338 Daode Jing: Way to the West or **CHI 451 Chinese Cultural History I**		
CHI 401 Fourth-Year Chinese I		
CHI 402 Fourth-Year Chinese II		
CHI 407 Chinese for Academic and Professional Purposes I		
Chinese Native Speaker Language Track		
Complete all four courses below:		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
Choose six course from below:		
CHI 333 China		
CHI 336 Interpreting China's Classics		
CHI 338 Daode Jing: Way to the West		

Requirement	Minimum Grade	Credit Hours
CHI 343 Daoism (HUAD)		
CHI 345 Chinese Film and Civilization		
CHI 451 Chinese Cultural History I		
CHI 452 Chinese Cultural History II		
CHI 470 Modern Chinese Literature and Culture		
French Language Track		
FRE 201 Intermediate French I **or** **FRE 110 Intensive French I**		
FRE 202 Intermediate French II **or** **FRE 210 Intensive French II**		
FRE 305 Readings in French Literature		
FRE 311 Oral and Written Expression I		
FRE 312 Oral and Written Expression II		
FRE 319 Business French		
FRE 321 French Cultural Masterpieces I		
FRE 411 Advanced Spoken French		
FRE 412 Advanced Written French		
FRE 416 French Civilization II		
Italian Language Track		
ITA 201 Intermediate Italian I **or** **ITA 110 Intensive Italian I**		

Requirement	Minimum Grade	Credit Hours
ITA 202 Intermediate Italian II or ITA 210 Intensive Italian II		
ITA 311 Speak Italy: Language, People, Culture		
ITA 312 Write Italy: Language, People, Culture		
ITA 319 Italian for Professions		
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans		
ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)		
ITA 413 Advanced Italian		
ITA 414 French and Italian Popular Culture (GCSI) or ITA 420 Italian Cinema		
Spanish Language Track		
SPA 201 Intermediate Spanish or SPA 203 Intermediate Spanish I for Bilinguals or SPA 110 Intensive Spanish I		
SPA 202 Intermediate Spanish or SPA 204 Intermediate Spanish II for Bilinguals or SPA 210 Intensive Spanish II		
SPA 313 Spanish Conversation and Composition or SPA 315 Advanced Spanish I for Bilinguals (SOBE)		
SPA 314 Spanish Conversation and Composition or SPA 316 Advanced Spanish II for Bilinguals (CIVI)		

Requirement	Minimum Grade	Credit Hours
SPA 319 Business Correspondence and Communication		
SPA 325 Introduction to Hispanic Literature (HUAD)		
400-Level SPA Elective Recommended: **SPA 472**		
SPA 402 Mastering Professional Spanish Writing **or** **SPA 405 Latino Cultural Perspectives for the Professions (HUAD)**		
SPA 412 Advanced Conversation and Composition		
Upper Division SPA Elective		
Upper Division Business Language and Culture Track Course	C	21
Students select one language track: Chinese, Chinese Native Speaker, French, Italian, or Spanish.		
Chinese Language Track		
CHI 301 Third-Year Chinese I		
CHI 302 Third-Year Chinese II		
CHI 333 China **or** **CHI 336 Interpreting China's Classics** **or** **CHI 343 Daoism (HUAD)**		
CHI 338 Daode Jing: Way to the West **or** **CHI 451 Chinese Cultural History I**		
CHI 401 Fourth-Year Chinese I		
CHI 402 Fourth-Year Chinese II		

Requirement	Minimum Grade	Credit Hours
CHI 407 Chinese for Academic and Professional Purposes I		
Chinese Native Speaker Language Track		
Complete all four courses below:		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
Choose six course from below:		
CHI 333 China		
CHI 336 Interpreting China's Classics		
CHI 338 Daode Jing: Way to the West		
CHI 343 Daoism (HUAD)		
CHI 345 Chinese Film and Civilization		
CHI 451 Chinese Cultural History I		
CHI 452 Chinese Cultural History II		
CHI 470 Modern Chinese Literature and Culture		
French Language Track		
FRE 305 Readings in French Literature		

Requirement	Minimum Grade	Credit Hours
FRE 311 Oral and Written Expression I		
FRE 312 Oral and Written Expression II		
FRE 319 Business French		
FRE 321 French Cultural Masterpieces I		
FRE 411 Advanced Spoken French		
FRE 412 Advanced Written French		
FRE 416 French Civilization II		
Italian Language Track		
ITA 311 Speak Italy: Language, People, Culture		
ITA 312 Write Italy: Language, People, Culture		
ITA 319 Italian for Professions		
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans		
ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)		
ITA 413 Advanced Italian		
ITA 414 French and Italian Popular Culture (GCSI) **or** **ITA 420 Italian Cinema**		
Spanish Language Track		
SPA 313 Spanish Conversation and Composition **or** **SPA 315 Advanced Spanish I for Bilinguals (SOBE)**		

Requirement	Minimum Grade	Credit Hours
SPA 314 Spanish Conversation and Composition **or** **SPA 316 Advanced Spanish II for Bilinguals (CIVI)**		
SPA 319 Business Correspondence and Communication		
SPA 325 Introduction to Hispanic Literature (HUAD)		
400-Level SPA Elective Recommended: **SPA 472**		
SPA 402 Mastering Professional Spanish Writing **or** **SPA 405 Latino Cultural Perspectives for the Professions (HUAD)**		
SPA 412 Advanced Conversation and Composition		
Upper Division SPA Elective		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3

ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track

> **MAT 117 College Algebra (MATH)**
>
> **MAT 210 Brief Calculus (MATH)**

AND Mathematics (MATH)

OR **MAT 210 Track**

> Required:
>
> **MAT 210 Brief Calculus (MATH)**
>
> Choose one quantitative course from the list below:
>
> **MAT 211 Mathematics for Business Analysis** **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

C 6

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must complete a minimum of 25 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Law), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSLBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

LES 210 Introduction to American Legal System and Business Law	C	3
Business Law Major Elective AGB 414 Food and Agribusiness Policy Issues COM 222 Argumentation (CIVI) COM 326 Court Room Oratory ENG 216 Persuasive Writing on Public Issues (CIVI) ENG 472 Rhetorical Studies HST 322 Constitutional History of the United States	C	3

Requirement	Minimum Grade	Credit Hours
Since 1865		
LES 380 Consumer Perspective of Business Law		
LES 394 Special Topics		
LES 494 Special Topics		
MGT 420 Human Resource Management		
MGT 424 Employment Law		
MGT 430 Negotiations		
PHI 103 Principles of Sound Reasoning (QTRS)		
PHI 307 Philosophy of Law (AMIT)		
POS 325 Public Policy Development (CIVI)		
POS 465 International Organization and Law (GCSI)		
POS 471 Constitutional Law I (AMIT)		
POS 472 Constitutional Law II		
POS 484 Internship		
(Maximum three credits of POS 484 may be applied toward the major)		
REA 411 Real Estate Law		
Upper Division Business Law Major Elective	C	9
AGB 414 Food and Agribusiness Policy Issues		
COM 326 Court Room Oratory		

Requirement	Minimum Grade	Credit Hours
ENG 472 Rhetorical Studies		
HST 322 Constitutional History of the United States Since 1865		
LES 380 Consumer Perspective of Business Law		
LES 394 Special Topics		
LES 494 Special Topics		
MGT 420 Human Resource Management		
MGT 424 Employment Law		
MGT 430 Negotiations		
PHI 307 Philosophy of Law (AMIT)		
POS 325 Public Policy Development (CIVI)		
POS 465 International Organization and Law (GCSI)		
POS 471 Constitutional Law I (AMIT)		
POS 472 Constitutional Law II		
POS 484 Internship		
(Maximum three credits of POS 484 may be applied toward the major)		
REA 411 Real Estate Law		
LES 480 Business Law	C	3

Requirement	Minimum Grade	Credit Hours
Business Capstone		
WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3
Business Skills Courses		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3
Business Skill - Math Courses		
MAT 117 Track **MAT 117 College Algebra (MATH)** **MAT 210 Brief Calculus (MATH)** **AND** Mathematics (MATH) **OR** **MAT 210 Track**	C	6

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar

required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Public Service and Public Policy), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSPBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
MKT 300 Marketing and Business Performance	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3

AND Global Communities, Societies, and Individuals (GCSI)

Major Courses

PAF 200 Public Service and Policy (CIVI)	C	3
PAF 300 Public Management and Administration	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
Upper Division Business Public Service and Public Policy Major Elective Select two courses PAF 360 Emergency Management I	C	6

Requirement	Minimum Grade	Credit Hours
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
PAF 424 Emergency Management II		
PAF 460 Public Service Ethics		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track

MAT 117 College Algebra (MATH)			
MAT 210 Brief Calculus (MATH)			
AND	Mathematics (MATH)		
OR	**MAT 210 Track**		
Required:			
MAT 210 Brief Calculus (MATH)			
Choose one quantitative course from the list below:		C	6
MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**			
AND	Mathematics (MATH)		

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND**	Social and Behavioral Sciences (SOBE)	3
SOC Elective **AND**	Social and Behavioral Sciences (SOBE)	3

WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Retail Management), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSRBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

AGB 445 Food Retailing	C	3
MGT 411 Leading Organizations	C	3
MKT 396 Essentials of Services Marketing	C	3
MKT 420 Retail Management	C	3
SCM 385 Business and Sustainability I (SUST)	C	3
SCM 440 Quality Management/Measurement	C	3

Business Capstone

Requirement	Minimum Grade	Credit Hours
WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track	C	6

> **MAT 117 College Algebra (MATH)**
>
> **MAT 210 Brief Calculus (MATH)**

AND Mathematics (MATH)

OR **MAT 210 Track**

> Required:
>
> **MAT 210 Brief Calculus (MATH)**

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business		1

WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Sports Business), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSMSBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

MKT 311 Sports Business	C	3
MKT 421 Fan Behavior and Sports Marketing	C	3
MCO 465 Sports and Media	C	3
Upper Division Sports Business Major Elective Select three courses AFR 375 Race, Gender and Sport (SOBE) MCO 420 Strategic Sports Communication MKT 412 Innovations in Marketing	C	9

Requirement	Minimum Grade	Credit Hours
MKT 420 Retail Management		
MKT 431 Sports Experiences		
MKT 441 Sports Revenue Generation		
MKT 451 Sports Business Analytics		
MKT 465 Projects in Sports Business		
MKT 484 Internship		
(Maximum three credits of MKT 484 may be applied towards the major)		
MKT 493 Honors Thesis		
MKT 494 Special Topics		
(MKT 494 Special Topics course must be sports related to apply towards the major)		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3

ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track

> **MAT 117 College Algebra (MATH)**
>
> **MAT 210 Brief Calculus (MATH)**

AND Mathematics (MATH)

OR **MAT 210 Track**

> Required:
>
> **MAT 210 Brief Calculus (MATH)**
>
> Choose one quantitative course from the list below:
>
> **MAT 211 Mathematics for Business Analysis** **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

C 6

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 26 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Statistics), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSTABA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

CIS 310 Business Data Visualization	C	3
CIS 405 Business Intelligence	C	3
STP 310 Design and Analysis of Experiments	C	3
STP 311 Regression and Time Series Analyses	C	3
STP 315 Statistical Computing	C	3
STP 420 Introductory Applied Statistics (QTRS)	C	3

Business Capstone

Requirement	Minimum Grade	Credit Hours
WPC 470 Business Leadership Capstone	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track — C — 6

> MAT 117 College Algebra (MATH)
>
> MAT 210 Brief Calculus (MATH)

AND Mathematics (MATH)

OR MAT 210 Track

> Required:
>
> MAT 210 Brief Calculus (MATH)
>
> Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		
AND Mathematics (MATH) Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.		

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 25 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Sustainability), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSSBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

SOS 110 Building a Sustainable World (SUST)	C	3
SOS 111 Sustainable Cities (SUST) OR PUP 190 Sustainable Cities (SUST)	C	3
SOS 325 The Economics of Sustainability	C	3
SCM 385 Business and Sustainability I (SUST)	C	3
SCM 485 Business and Sustainability II	C	3
Upper Division Business Sustainability Major Elective AGB 414 Food and Agribusiness Policy Issues	C	3

Requirement	Minimum Grade	Credit Hours
AGB 452 Global Food and Agricultural Trade		
Upper Division SOS Elective		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track	C	6
MAT 117 College Algebra (MATH)		
MAT 210 Brief Calculus (MATH)		

AND Mathematics (MATH)

OR **MAT 210 Track**

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 26 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Technology), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSTCBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

TEM 400 Technology Entrepreneurship	C	3
TMC 470 Enterprise Planning and Implementation	C	3
Technology Focus Area Students choose one focus area: Digital Media or Social Entrepreneurship. The chosen focus area will consist of four classes (12 credits). Digital Media Focus GIT 215 Introduction to Web Authoring GIT 230 Digital Illustration in Publishing	C	6

Requirement	Minimum Grade	Credit Hours
GIT 303 Digital Publishing		
GIT 334 Image Editing and Manipulation		
Social Entrepreneurship Focus		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
TEM 230 Creativity and Business Innovation		
TEM 431 Innovation Management		
TEM 455 Global Impact Entrepreneurship		
TMC 331 Quality Assurance		
TMC 430 Enterprise Strategy and Innovation		
Upper Division Technology Focus Area	C	6
Students choose one focus area: Digital Media or Social Entrepreneurship. The chosen focus area will consist of four classes (12 credits).		
Digital Media Focus		
GIT 303 Digital Publishing		
GIT 334 Image Editing and Manipulation		
Social Entrepreneurship Focus		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		

Requirement	Minimum Grade	Credit Hours
TEM 431 Innovation Management		
TEM 455 Global Impact Entrepreneurship		
TMC 331 Quality Assurance		
TMC 430 Enterprise Strategy and Innovation		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track

MAT 117 College Algebra (MATH)			
MAT 210 Brief Calculus (MATH)			
AND	Mathematics (MATH)		
OR	**MAT 210 Track**		
Required:			
MAT 210 Brief Calculus (MATH)			
Choose one quantitative course from the list below:		C	6
MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**			
AND	Mathematics (MATH)		

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND**	Social and Behavioral Sciences (SOBE)	3
SOC Elective **AND**	Social and Behavioral Sciences (SOBE)	3

WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business (Tourism), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BABUSTBA
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
MKT 300 Marketing and Business Performance	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
Business Tourism Major Elective PRM 145 Special Events Management TDM 225 Introduction to Hotel, Resort and Lodging Management TDM 345 Meeting and Convention Planning TDM 350 Tourism, Recreation and Sports Marketing TDM 372 Tourism Planning TDM 386 Convention Sales and Management	C	3

Requirement	Minimum Grade	Credit Hours
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		
TDM 481 Sustainable Food Management in Tourism		
TDM 483 Sports Tourism		
TDM 484 / **PRM 484 Internship**		
(Maximum three credits of TDM 484 or PRM 484 may be applied toward the major)		
Upper Division Business Tourism Major Elective	C	12
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 372 Tourism Planning		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		
TDM 481 Sustainable Food Management in Tourism		
TDM 483 Sports Tourism		

Requirement	Minimum Grade	Credit Hours
TDM 484 / PRM 484 Internship (Maximum three credits of TDM 484 or PRM 484 may be applied toward the major)		

Business Capstone

WPC 470 Business Leadership Capstone All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3

Business Skill - Math Courses

MAT 117 Track **MAT 117 College Algebra (MATH)**	C	6

MAT 210 Brief Calculus (MATH)

AND Mathematics (MATH)

OR **MAT 210 Track**

Required:

MAT 210 Brief Calculus (MATH)

Choose one quantitative course from the list below:

MAT 211 Mathematics for Business Analysis **or** **ACO 100 All About Data: Design, Query, and Visualization (QTRS)** **or** **EDS 223 Design Thinking** **or** **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**

AND Mathematics (MATH)

Students must complete two math courses. Students either complete MAT 117 and MAT 210 OR MAT 210 and MAT 211 or a quantitative course.

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must complete a minimum of 22 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business Data Analytics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BABDABS
Minimum credit hours: 120
Upper division minimum credit hours: 53.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

CIS 235 Introduction to Information Systems, Analytics and AI in Business	C	3
CIS 315 Introduction to Business Data Analytics	C	3
CIS 404 Programming for Analytics and AI in Business	C	3
CIS 407 Business Database Systems Development	C	3
CIS 409 Business Data Warehouses and Dimensional Modeling	C	3
CIS 412 Business Machine Learning	C	3
CIS 450 Enterprise Analytics	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Business Data Analytics Major Elective	C	3
CIS 300 Web Design and Development		
CIS 308 Advanced Excel in Business		
CIS 309 Business Process Management		
CIS 310 Business Data Visualization		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
CIS 340 Business Information System Development I		
CIS 345 Business Information System Development II		
CIS 401 Managing Cyber Risks in Enterprise Business Processes		
CIS 402 Privacy, Ethics and Compliance Issues		
CIS 405 Business Intelligence		
CIS 415 Big Data and AI in Business		
CIS 425 Web Technologies for the Enterprise		
CIS 446 Data and Technology Governance in Business		
CIS 484 Internship		
(Maximum of three credits of CIS 484 may be applied toward the major)		
CIS 493 Honors Thesis		
(Maximum of three credits of CIS 493 may be applied		

Requirement	Minimum Grade	Credit Hours
toward the major)		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3

COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must earn a 2.0 GPA in major courses.
Students must complete a minimum of 34 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business Entrepreneurship, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BABUENTBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248 after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course **AGB 302 International Management and Agribusiness (GCSI)** **ECN 306 Survey of International Economics (GCSI)** **MGT 302 Principles of International Business (GCSI)** **MKT 425 Global Marketing Management (GCSI)** **SCM 463 Global Supply Chain Management (GCSI)**	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

ENT 305 Principles of Entrepreneurship	C	3
ENT 360 Entrepreneurship and Value Creation	C	3
MGT 320 Organizational Behavior	C	3
Upper Division Business Entrepreneurship Track Course Students choose one Entrepreneurship track: Start-up, Management, or Entrepreneurship Studies. Start-up Track (select two courses) **ENT 446 Venture Capital Experience** **ENT 447 Lean Launch**	C	6

Requirement	Minimum Grade	Credit Hours
Management Track (select two courses)		
ENT 441 Entrepreneurial Management		
ENT 448 Corporate Entrepreneurship		
MKT 435 Entrepreneurial Marketing		
MKT 440 Creating Digital Experiences		
Entrepreneurship Studies Track (select two courses)		
ENT 340 Creativity and Innovation		
ENT 441 Entrepreneurial Management		
ENT 446 Venture Capital Experience		
ENT 447 Lean Launch		
ENT 448 Corporate Entrepreneurship		
ENT 464 Collaborative Design Development I		
ENT 465 Collaborative Design Development II		
ENT 484 Internship		
(Maximum of three credits of internship course may be applied towards the major)		
ENT 493 Honors Thesis		
MGT 310 Collaborative Team Skills		
MGT 411 Leading Organizations		
MGT 420 Human Resource Management		

Requirement	Minimum Grade	Credit Hours
MGT 430 Negotiations		
MGT 450 Consulting Projects		
MKT 435 Entrepreneurial Marketing		
MKT 440 Creating Digital Experiences		
Upper Division Business Entrepreneurship Major Elective	C	3
ENT 340 Creativity and Innovation		
ENT 441 Entrepreneurial Management		
ENT 446 Venture Capital Experience		
ENT 447 Lean Launch		
ENT 448 Corporate Entrepreneurship		
ENT 464 Collaborative Design Development I		
ENT 465 Collaborative Design Development II		
ENT 484 Internship		
(Maximum of three credits of internship courses may be applied towards the major)		
ENT 493 Honors Thesis		
ENT 494 Topic: Entrepreneurship Thought Leaders Speaker Series		
MGT 310 Collaborative Team Skills		
MGT 411 Leading Organizations		

Requirement	Minimum Grade	Credit Hours
MGT 420 Human Resource Management		
MGT 430 Negotiations		
MGT 450 Consulting Projects		
MKT 435 Entrepreneurial Marketing		
MKT 440 Creating Digital Experiences		
WPC 484 Topic: Internships & Applied Academics		
(Maximum of three credits of internship courses may be applied towards the major)		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3

MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY 101 Introduction to Psychology (SOBE)		3
SOC 101 Introductory Sociology (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.0 GPA in major courses.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Business Exploratory

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: W. P. Carey School of Business
Plan Code: BABUSEXP
Minimum credit hours: 47.5
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
Business Skills Courses		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3

ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

Career Navigation

WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design **OR** **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must declare a major by the end of term 3.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Information Systems, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BACISBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

CIS 235 Introduction to Information Systems, Analytics and AI in Business	C	3
CIS 340 Business Information System Development I	C	3
CIS 407 Business Database Systems Development	C	3
CIS 401 Managing Cyber Risks in Enterprise Business Processes	C	3
CIS 425 Web Technologies for the Enterprise	C	3
CIS 440 Capstone in Information Systems	C	3
Upper Division Computer Information Systems Major Elective	C	6

Requirement	Minimum Grade	Credit Hours
CIS 300 Web Design and Development		
CIS 308 Advanced Excel in Business		
CIS 309 Business Process Management		
CIS 310 Business Data Visualization		
CIS 311 Business Agile Project Management		
CIS 312 Business Mobile Commerce and Monetization		
CIS 313 Location Analytics in Business		
CIS 315 Introduction to Business Data Analytics		
CIS 404 Programming for Analytics and AI in Business		
CIS 405 Business Intelligence		
CIS 406 AI Foundations in Business		
CIS 409 Business Data Warehouses and Dimensional Modeling		
CIS 412 Business Machine Learning		
CIS 415 Big Data and AI in Business		
CIS 446 Data and Technology Governance in Business		
CIS 484 Internship		
(Maximum three credits of CIS 484 may be applied towards the major)		
CIS 493 Honors Thesis		

Requirement	Minimum Grade	Credit Hours
(Maximum three credits of CIS 493 may be applied towards the major)		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skill Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3

COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must earn a 2.0 GPA in major courses.
Students must complete a minimum of 34 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Economics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAECNBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design **OR** **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core		
ECN 306 Survey of International Economics (GCSI) **OR** **ECN 360 Economic Development (GCSI)**	C	3
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3

Requirement	Minimum Grade	Credit Hours
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3

Major Courses

ECN 312 Intermediate Microeconomic Theory (SOBE)	C	3
ECN 313 Intermediate Macroeconomic Theory (SOBE)	C	3
ECN 310 Applied Regression and Data Analytics OR ECN 425 Introduction to Econometrics	C	3
400-Level ECN Elective	C	6
ECN 475 Capstone in Economics	C	3
Upper Division Economics Major Elective	C	3

- ECN 306 Survey of International Economics (GCSI)
- ECN 315 Money and Banking
- ECN 331 Economics of the European Economic Union (GCSI)
- ECN 335 South Asia and the World Economy
- ECN 342 Sports Economics
- ECN 345 Survey of Energy and Environmental Economic Issues (SUST)

Requirement	Minimum Grade	Credit Hours
ECN 355 Economics of Health Care		
ECN 360 Economic Development (GCSI)		
ECN 365 Economics of Russia and Eastern Europe		
ECN 394 / ECN 494 Special Topics		
ECN 411 Macroeconomic Forecasting in the Age of Big Data		
ECN 416 Game Theory and Economic Behavior		
ECN 421 Labor Economics (SOBE)		
ECN 423 Economics of Education		
ECN 436 International Trade Theory		
ECN 438 International Monetary Economics		
ECN 441 Public Economics (CIVI)		
ECN 445 Environmental Economics		
ECN 453 Competition Policy, Business Strategy and Industrial Organization		
ECN 455 Health Economics		
ECN 470 Mathematical Economics		
ECN 484 Internship		
ECN 493 Honors Thesis		

ECN 306 or ECN 360 not used to satisfy international business course requirement, may be used to meet Economics Major Elective requirement.

Requirement	Minimum Grade	Credit Hours
Business Capstone		
WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3
Business Skills Courses		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH) OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3
MAT 211 Mathematics for Business Analysis OR **MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3
ECN 221 Business Statistics (QTRS)	C	3
Other Business Courses		
ENG 302 Business Writing		3

COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must earn a 2.0 GPA in major courses.
Students must complete a minimum of 32 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Entrepreneurial Leadership, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: W. P. Carey School of Business
Plan Code: BAENTLBA
Minimum credit hours: 120
Upper division minimum credit hours: 52.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development		0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.		0.25
WPC 348 Junior Networking Foundations		0.25
WPC 448 Senior Career Transition Management		0.25
Applied Business Data Analytics		
CIS 308 Advanced Excel in Business		3
CIS 309 Business Process Management		3
CIS 310 Business Data Visualization		3
CIS 405 Business Intelligence		3

Requirement	Minimum Grade	Credit Hours
Major Courses		
ENT 305 Principles of Entrepreneurship	C	3
ENT 325 Entrepreneurial Leadership	C	3
ENT 340 Creativity and Innovation	C	3
ENT 360 Entrepreneurship and Value Creation	C	3
MGT 411 Leading Organizations	C	3
ENT 441 Entrepreneurial Management OR ENT 448 Corporate Entrepreneurship OR MGT 420 Human Resource Management OR MGT 430 Negotiations	C	3
Business Capstone		
WPC 460 Business Capstone All upper-division Business Foundation classes must be completed before enrolling in WPC 460.	C	1
Business Skills Courses		
CIS 105 Computer Applications and Information Technology (QTRS)		3
ECN 211 Macroeconomic Principles (SOBE)		3
ECN 212 Microeconomic Principles (SOBE)		3

ECN 221 Business Statistics (QTRS)	3

Business Skill - Math Courses

MAT 117 College Algebra (MATH)	3

Business Foundation Courses

ACC 382 Accounting and Financial Analysis	3
FIN 380 Personal Financial Management	3
MGT 380 Management and Strategy	3
MKT 390 Essentials of Marketing	3
SCM 380 Supply Chain Management Foundations (SUST)	3
AGB 302 International Management and Agribusiness (GCSI) OR MGT 302 Principles of International Business (GCSI)	3

Other Business Courses

ENG 302 Business Writing	3
COM 259 Communication in Business and the Professions (CIVI)	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Finance, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAFINBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core Courses		
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3
SCM 300 Global Supply Operations (SUST)	C	3

Requirement	Minimum Grade	Credit Hours
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course **AGB 302 International Management and Agribusiness (GCSI)** **ECN 306 Survey of International Economics (GCSI)** **MGT 302 Principles of International Business (GCSI)** **MKT 425 Global Marketing Management (GCSI)** **SCM 463 Global Supply Chain Management (GCSI)**	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

ACC 340 External Reporting I	C	3
FIN 302 Managerial Finance OR **FIN 303 Honors Finance**	C	3
FIN 361 Advanced Managerial Finance	C	3
FIN 421 Security Analysis and Portfolio Management	C	3
FIN 461 Financial Cases and Modeling	C	3
Upper Division Finance Major Elective Select two courses **ACC 350 Internal Reporting** **ACC 440 External Reporting II**	C	6

Requirement	Minimum Grade	Credit Hours
FIN 331 Financial Markets and Institutions		
FIN 427 Derivative Financial Securities		
FIN 431 Management of Financial Institutions		
FIN 455 Entrepreneurial Finance		
FIN 456 International Financial Management		
FIN 471 SIM Fund		
FIN 472 Investment Banking Industry Scholars		
FIN 494 Special Topics		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 232 Financial Accounting I OR **ACC 231 Uses of Accounting Information I**	C	3
ACC 242 Managerial Accounting I OR **ACC 241 Uses of Accounting Information II**	C	3

ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.0 GPA in major courses.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Financial Technology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAFINTBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core Courses		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

CIS 235 Introduction to Information Systems, Analytics and AI in Business	C	3
CIS 404 Programming for Analytics and AI in Business	C	3
CIS 412 Business Machine Learning	C	3
FIN 331 Financial Markets and Institutions	C	3
FIN 422 Portfolio Management and Applications	C	3
FIN 432 Topics in Financial Technology	C	3
FIN 462 Fintech Project Practicum	C	3

Requirement	Minimum Grade	Credit Hours
Business Capstone		
WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3
Business Skills Courses		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3
Other Business Courses		
ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3

PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies

requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.0 GPA in major courses.

Students must complete a minimum of 32 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Logistics (Maritime), AS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Associate of Science, AS
College/School: W. P. Carey School of Business
Plan Code: BALGMARAS
Minimum credit hours: 60
Upper division minimum credit hours: 3

Requirement	Minimum Grade	Credit Hours
Maritime Logistics		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3
SCM 200 Society, Supply Chains and You (SUST)	C	3
SCM 245 Logistics for the Maritime Environment	C	3
SCM 279 Maritime Logistics Application Capstone	C	3
Business Course		
ACC 382 Accounting and Financial Analysis	C	3
General Education Requirements		

MAT 117 College Algebra (MATH)	C	3
Scientific Thinking in Natural Sciences (SCIT)		8
Elective		3

USNCC Naval Studies Certificate Courses

USNCC NAV 101 **OR** **PHI 105 Intro to Ethics (HUAD)**	C	3
USNCC NAV 102 **OR** HST 999 (HUAD)	C	3
USNCC NAV 103 **OR** POS 999 (CIVI)	C	3
USNCC NAV 104 **OR** **POS 110 American Government and Politics (AMIT)**	C	3
USNCC NAV 105 **OR** **POS 160 Global Politics (GCSI)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS: The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All associate degree students must fulfill university graduation requirements, including a minimum of 60 credit hours. https://catalog.asu.edu/associatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

USNCC NAV 101: Naval Ethics and Leadership satisfies PHI 105

USNCC NAV 102: Modern Naval History satisfies HST elective

USNCC NAV 103: Naval Force Design and Concepts satisfies Elective

USNCC NAV 104: Civilian/Military Organization and Policy satisfies POS 110

USNCC NAV 105: Introduction to Geopolitical Environment satisfies POS 160. NAV 105 must be taken at USNCC to satisfy USNCC certificate requirements.

Contact USNCC regarding the applicability of transfer credit to USNCC requirements

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAMGTBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core Courses		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

MGT 320 Organizational Behavior	C	3
MGT 400 Cross-Cultural Management (GCSI)	C	3
MGT 411 Leading Organizations	C	3
Upper Division Management Major Elective Select two courses ENT 340 Creativity and Innovation ENT 360 Entrepreneurship and Value Creation ENT 440 Entrepreneurship	C	6

Requirement	Minimum Grade	Credit Hours
ENT 445 Business Model Development		
ENT 446 Venture Capital Experience		
ENT 447 Lean Launch		
ENT 494 Special Topics		
MGT 310 Collaborative Team Skills		
MGT 420 Human Resource Management		
MGT 421 Compensation in Organizations		
MGT 422 Staffing		
MGT 423 Training and Development in Organizations		
MGT 424 Employment Law		
MGT 425 Global Human Resources		
MGT 426 HR Consulting Projects		
MGT 430 Negotiations		
MGT 450 Consulting Projects		
MGT 459 International Management (GCSI)		
MGT 484 Internship		
(Maximum three credits of internship courses may be applied towards the major)		
MGT 493 Honors Thesis		
MGT 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
Upper Division Management Major Elective: 400-level Business Course		
400-Level ACC Elective	C	3
400-Level AGB Elective		
400-Level CIS Elective		
400-Level ECN Elective		
400-Level ENT Elective		
400-Level FIN Elective		
400-Level MGT Elective		
400-Level MKT Elective		
400-Level REA Elective		
400-Level SCM Elective		
WPC 484 Internship		
(Maximum three credits of internship courses may be applied towards the major)		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.0 GPA in major courses.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Marketing, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAMKTBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core Courses		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
SCM 300 Global Supply Operations (SUST)	C	3

Requirement	Minimum Grade	Credit Hours
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI) **AND** Global Communities, Societies, and Individuals (GCSI)	C	3

Major Courses

MKT 302 Strategic Marketing Management	C	3
MKT 352 Marketing Research	C	3
MKT 402 Consumer Behavior	C	3
MKT 365 Advertising and Beyond: Customer-Centric Brand Development OR MKT 375 Services Marketing OR MKT 385 Digital Media Marketing	C	3
Upper Division Marketing Major Elective MKT 355 Designing Brand Identity: Methods and Digital Tools MKT 365 Advertising and Beyond: Customer-Centric	C	9

Requirement	Minimum Grade	Credit Hours
Brand Development		
MKT 370 Professional Sales and Relationship Management		
MKT 375 Services Marketing		
MKT 385 Digital Media Marketing		
MKT 410 Sales Management		
MKT 412 Innovations in Marketing		
MKT 420 Retail Management		
MKT 425 Global Marketing Management (GCSI)		
MKT 435 Entrepreneurial Marketing		
MKT 438 Advanced Selling Using Data and Technology		
MKT 450 Social Media and Content Marketing		
MKT 452 Business-to-Business Marketing Strategy		
MKT 455 Brand Management		
MKT 472 Immersive Brand Experience I: Intelligence, Insights and Strategy		
MKT 484 Internship		
(Maximum three credits of MKT 484 may be applied towards the major)		
MKT 493 Honors Thesis		
MKT 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
(MKT 494 Special Topic course may not be sports related)		
MKT 499 Individualized Instruction		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must earn a 2.0 GPA in major courses.
Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Marketing (Digital), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAMKDIMCBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core Courses		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
SCM 300 Global Supply Operations (SUST)	C	3

Requirement	Minimum Grade	Credit Hours
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

MKT 302 Strategic Marketing Management	C	3
MKT 352 Marketing Research	C	3
MKT 385 Digital Media Marketing OR MKT 412 Innovations in Marketing OR MKT 420 Retail Management OR MKT 450 Social Media and Content Marketing	C	3
MKT 402 Consumer Behavior	C	3
MKT 440 Creating Digital Experiences	C	3
Upper Division Marketing (Digital) Major Elective MKT 385 Digital Media Marketing	C	6

Requirement	Minimum Grade	Credit Hours
MKT 412 Innovations in Marketing		
MKT 420 Retail Management		
MKT 435 Entrepreneurial Marketing		
MKT 450 Social Media and Content Marketing		
MKT 472 Immersive Brand Experience I: Intelligence, Insights and Strategy		
MKT 484 Internship		
(Maximum three credits of MKT 484 may be applied towards the major)		
MKT 493 Honors Thesis		
(Maximum three credits of MKT 493 may be applied towards the major)		
MKT 494 Topic: Influencer Marketing		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3

ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business		1

WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.0 GPA in major courses.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Marketing (Professional Sales), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAMKTPSBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core Courses		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3
SCM 300 Global Supply Operations (SUST)	C	3

Requirement	Minimum Grade	Credit Hours
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

MKT 302 Strategic Marketing Management	C	3
MKT 352 Marketing Research	C	3
MKT 370 Professional Sales and Relationship Management	C	3
MKT 402 Consumer Behavior	C	3
MKT 410 Sales Management	C	3
MKT 452 Business-to-Business Marketing Strategy	C	3
MKT 438 Advanced Selling Using Data and Technology OR MKT 484 Internship	C	3
Upper Division Marketing (Professional Sales) Major Elective	C	3

Requirement	Minimum Grade	Credit Hours
MGT 430 Negotiations		
MKT 435 Entrepreneurial Marketing		
MKT 438 Advanced Selling Using Data and Technology		
MKT 375 Services Marketing		
MKT 484 Internship		
(Maximum three credits of MKT 484 may be applied towards the major)		
MKT 493 Honors Thesis		

Business Capstone

WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3

MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.

Students must earn a 2.0 GPA in major courses.

Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Real Estate and Applied Finance, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BAREAFBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Business Skill Courses		
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 221 Business Statistics (QTRS)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
Business Core		
LES 305 Business Law and Ethics for Managers	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
MKT 300 Marketing and Business Performance	C	3
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3
Upper Division International Business Course **AGB 302 International Management and Agribusiness (GCSI)** **ECN 306 Survey of International Economics (GCSI)** **MGT 302 Principles of International Business (GCSI)** **MKT 425 Global Marketing Management (GCSI)** **SCM 463 Global Supply Chain Management (GCSI)** **AND** Global Communities, Societies, and Individuals (GCSI)	C	3

Major Courses

FIN 302 Managerial Finance OR **FIN 303 Honors Finance**	C	3
FIN 365 Real Estate Finance	C	3
FIN 465 Real Estate Financial Decision Making	C	3
REA 280 Real Estate Fundamentals	C	3

Requirement	Minimum Grade	Credit Hours
REA 401 Real Estate Appraisal	C	3
REA 411 Real Estate Law	C	3
Upper Division Real Estate and Applied Finance Elective REA 441 Real Estate Land Development REA 471 Real Estate Investment Trust Portfolio Management REA 494 Special Topics	C	3

Major Support Courses

COM 259 Communication in Business and the Professions (CIVI)		3
ENG 302 Business Writing		3
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.	C	3
WPC 248 Sophomore Career Narrative Design OR WPC 347 Intermediate Career Management Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25

Requirement		Minimum Grade	Credit Hours
PSY Elective **AND**	Social and Behavioral Sciences (SOBE)		3
SOC Elective **AND**	Social and Behavioral Sciences (SOBE)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.			1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		C	6
OR	**ENG 105 Advanced First-Year Composition**		
OR	**ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Supply Chain Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: W. P. Carey School of Business
Plan Code: BASCMBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Career Navigation		
WPC 148 First-Year Introduction to Career Development	C	0.25
WPC 248 Sophomore Career Narrative Design OR **WPC 347 Intermediate Career Management** Career Navigation Course Sequence: Continuing first-year students will take WPC 248, after completing WPC 148. New transfer students will take WPC 347.	C	0.25
WPC 348 Junior Networking Foundations	C	0.25
WPC 448 Senior Career Transition Management	C	0.25
Business Core Courses		
FIN 300 Fundamentals of Finance	C	3
LES 305 Business Law and Ethics for Managers	C	3
MKT 300 Marketing and Business Performance	C	3
MGT 300 Principles of Management and Leadership	C	3

Requirement	Minimum Grade	Credit Hours
SCM 300 Global Supply Operations (SUST)	C	3
WPC 300 Problem Solving and Actionable Analytics (QTRS)	C	3
Upper Division International Business Course AGB 302 International Management and Agribusiness (GCSI) ECN 306 Survey of International Economics (GCSI) MGT 302 Principles of International Business (GCSI) MKT 425 Global Marketing Management (GCSI) SCM 463 Global Supply Chain Management (GCSI)	C	3
AND Global Communities, Societies, and Individuals (GCSI)		

Major Courses

SCM 315 Supply Chain Analytics	C	3
SCM 345 Logistics Management	C	3
SCM 355 Procurement and Supply Management	C	3
SCM 432 Operations Management	C	3
SCM 455 Research and Negotiation	C	3
SCM 479 Supply Chain Strategy	C	3

Business Capstone

Requirement	Minimum Grade	Credit Hours
WPC 480 W. P. Carey Capstone Course All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.	C	3

Business Skills Courses

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
MAT 210 Brief Calculus (MATH)	C	3
MAT 211 Mathematics for Business Analysis	C	3
ECN 221 Business Statistics (QTRS)	C	3

Other Business Courses

ENG 302 Business Writing		3
COM 259 Communication in Business and the Professions (CIVI)		3
PSY Elective **AND** Social and Behavioral Sciences (SOBE)		3

SOC Elective **AND** Social and Behavioral Sciences (SOBE)		3
WPC 150 Business and Society WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

WPC 101 Student Success in Business WPC 101 is the W. P. Carey School of Business course that satisfies ASU 101.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must earn a 2.0 GPA in all courses offered by the W. P. Carey School of Business.
Students must earn a 2.0 GPA in major courses.
Students must complete a minimum of 31 credit hours of W. P. Carey School of Business courses taken at ASU.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Apparel Technical Design, AA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Associate of Arts, AA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIATDAA
Minimum credit hours: 60
Upper division minimum credit hours: 9

Requirement	Minimum Grade	Credit Hours
Fashion Core Courses		
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3
FSH 204 Social Aspects of Fashion (SOBE)	C	3
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH Elective **AND** Quantitative Reasoning (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)**	C	3
Concentration Courses		
FSH 256 Digital Patternmaking and Fit Analysis I	C	3
FSH 258 Technical Design I	C	3
FSH 356 Digital Patternmaking and Fit Analysis II	C	3
FSH 358 Technical Design II	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All associate degree students must fulfill university graduation requirements, including a minimum of 60 credit hours. https://catalog.asu.edu/associatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Architectural Studies, BSD

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Design, BSD
College/School: Herberger Institute for Design and the Arts
Plan Code: ARSTDBSD
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Check: Minimum 3.00 ASU Cumulative GPA		

Architecture Projects and Studios

ARC 101 Architecture Project I	C	3
ARC 102 Architecture Project II	C	3
ARC 201 Architecture Project III	C	3
ARC 202 Architecture Project IV	C	3
ARC 301 Architecture Project V	C	3
ARC 302 Architecture Project VI	C	3
ARC 401 Architecture Studio I	C	6
ARC 402 Architecture Studio II	C	6

Architecture History and Theory

Requirement	Minimum Grade	Credit Hours
ARC 111 Architecture of Architecture I	C	3
ARC 112 Architecture of Architecture II	C	3
ARC 331 World and Western Architecture I	C	3
ARC 332 World and Western Architecture II	C	3

Architecture Technology and Representation

ARC 421 Architecture Technology I	C	3
ARC 422 Architecture Technology II	C	3
ATE 242 Introduction to Architectural Technology	C	3
Upper Division Architectural Representation Elective ARC 494 Topic: Revit I ARC 494 Topic: Revit II DSC 494 Topic: Grasshopper DSC 494 Topic: Rhino	C	3

Architecture Electives

ARC 394 Topic: Architecture Bootcamp OR Upper Division Architecture Elective ARC 351 Architecture of Collaboration ARC 352 Architecture of Leadership	C	3

Requirement	Minimum Grade	Credit Hours
ARC 394 Special Topics		
ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)		
ARC 434 Great Cities (HUAD)		
ARC 436 Charles and Ray Eames		
ARC 484 Internship		
Upper Division ARC Elective		
APH 494 Topic: Frank Lloyd Wright		
APH 494 Topic: Peter Zumthor		
APH 494 Topic: The Image of Rome		
DSC 494 Topic: Grasshopper		
DSC 494 Topic: Rhino		

Architecture Bootcamp is designed for transfer and change of major students who did not take 100- and 200-level ARC project courses.

Upper Division Architecture Elective	C	3
ARC 351 Architecture of Collaboration		
ARC 352 Architecture of Leadership		
ARC 394 Special Topics		
ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)		
ARC 434 Great Cities (HUAD)		

Requirement	Minimum Grade	Credit Hours
ARC 436 Charles and Ray Eames		
ARC 484 Internship		
Upper Division ARC Elective		
APH 494 Topic: Frank Lloyd Wright		
APH 494 Topic: Peter Zumthor		
APH 494 Topic: The Image of Rome		
DSC 494 Topic: Grasshopper		
DSC 494 Topic: Rhino		
OR **ARC 484 Internship**		
Upper Division **ARC Elective**	C	6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DSC 100 ASU Design Experience OR **HDA 101 ASU and Herberger Institute Experience**	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Animation), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIARTANBFA
Minimum credit hours: 120
Upper division minimum credit hours: 53

Requirement	Minimum Grade	Credit Hours
Lower Division Concentration Requirements		
ART 111 Foundation Drawing	C	3
ART 113 Pictorial Investigations and Color Theory	C	3
ART 115 3D Design	C	3
ART 116 Introduction to Digital Media	C	3
ART 212 Figure Drawing for Animation	C	3
ART 217 Introduction to Computer Animation	C	3
ART 209 2D Digital Animation I	C	3
ART 248 3D Computer Imaging and Animation (QTRS)	C	3
ART 294 Topic: Introduction to Storyboarding OR **ART 312 Illustration**	C	3
Upper Division Concentration Requirements		
ART 309 2D Digital Animation II	C	3

Requirement	Minimum Grade	Credit Hours
ART 348 Animation Motion Studies	C	3
ART 350 Sound Design for Moving Images	C	3
ART 361 Junior Animation Projects I	C	3
ART 362 Junior Animation Projects II	C	3
ART 417 Storyboarding and Narrative Sequencing	C	3
ART 461 Animation Capstone I	C	3
ART 462 Animation Capstone II	C	3
Upper Division Animation Elective	C	15
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 436 Animating Virtual Worlds		
AME 444 Media Installations		
ART 312 Illustration		
ART 314 Intermediate Figure Drawing		
ART 317 Advanced Digital Photography		
ART 394 Topic: 3-D Digital Modeling		
ART 394 Topic: 3D Visual Effects		
ART 394 Topic: Graphic Narrative		
ART 394 Topic: Cinematic Animation - Unreal Engine		

Requirement	Minimum Grade	Credit Hours
ART 424 Stop Motion Animation		
ART 439 Studio Inquiry: Practice and Cultural Context		
ART 440 Experimental Video Art		
ART 449 Computer Animation and Video		
ART 494 Topic: Stop Motion Animation II		
ART 494 Topic: Time, Narrative & the Multiple		
ART 494 Topic: Visual Prototyping		
ART 494 Topic: Women/Art/Technology		
CPI 311 Game Engine Development		
CPI 321 Fundamentals of Game Art		
CPI 411 Graphics for Games		
CPI 421 3-D Modeling and Texturing		
FMP 325 Intermediate Visual Effects Compositing		
FMS 351 Emerging Digital Media		
FMS 354 Critical Studies in Animation		
FMS 394 Topic: Writing for Video Games		
FMS 409 Advanced Screenwriting		
FMS 442 Experimental Narrative		
FMS 494 Topic: Contemporary Television and New Media		

Requirement	Minimum Grade	Credit Hours
GIT 312 Computer Animation and Motion Graphics		
GIT 411 Visual Narrative in Motion Graphics		

School of Art Requirements & Electives

Upper Division School of Art Elective

ARA Elective		
ARE Elective		
ARS Elective	C	6
ART Elective		
ATP Elective		

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR **ARS 202 Art of Africa, Oceania, and the Americas (GCSI)**	C	3
ARS 445 History of Animation	C	3
Upper Division **ARS Elective**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Art Education), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTEBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement

Lower Division Studio Core

ART 111 Foundation Drawing

ART 113 Pictorial Investigations and Color Theory

ART 114 Expanded Arts Studio

ART 115 3D Design

ART 116 Introduction to Digital Media

2D Studio Art Elective

ART 121 Introduction to Photography I

ART 122 Introduction to Photography II

ART 203 Photography: Material Studies I

ART 206 Digital Photography I

ART 207 Digital Photography II

ART 211 Drawing

Requirement

- ART 214 Figure Drawing
- ART 215 Photography: Digital Compositing
- ART 223 Painting
- ART 227 Watercolor
- ART 253 Introduction to Printmaking
- ART 256 Art Zines: Self-Publishing, Protest and Change

3D Studio Art Elective

- ART 218 3D Tools
- ART 231 Sculpture I
- ART 235 3D Tools for Sculptors
- ART 261 Ceramic Survey
- ART 264 Ceramic Handbuilding I
- ART 272 Introduction to Metals and Jewelry
- ART 274 Wood I
- ART 276 Introduction to Textiles

ART 216 Contemporary Art in Practice: Methods, Making, Meaning

Art Education Major Requirements

ARA 240 Encounters with Contemporary Art

Requirement

ARE 250 Teaching Inquiry in Art

ARE 370 Teaching Visual Culture

OR **ARE 446 Multicultural Issues in Art Education**

OR **ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the I**

ARE 482 Teaching Art Processes

ARE 496 Methods and Assessment of Learning in Art

ARE 486 Art Education: Strategies and Applications

School of Art Electives

Upper Division **ART Elective**

Upper Division School of Art Elective

ARA Elective

ARE Elective

ARS Elective

ART Elective

ATP Elective

Teaching Certification Requirements

SPE 222 Orientation to Education of Exceptional Children (CIVI)

The following 4 items are required before enrolling in TEL 366 and continuing to comple
Requirements:

Requirement
#1 - A minimum 2.25 ASU GPA is needed to begin upper division Teachers College cours
#2 - Before enrolling in TEL 366, apply for an Identity Verified Print DPS fingerprint card https://www.azdps.gov/content/basic-page/108
#3 - Once the IVP finger print card is issued, upload the front and back of your card (and address) here: http://bit.ly/ivpcard
#4 - For placement at a school (needed to complete TEL 366), students must submit the Tracking Form in the semester before they plan to enroll in TEL 366 (requests must be s semester of TEL 366 enrollment): https://docs.google.com/forms/d/e/1FAIpQLSc76twGe9m4LGGIzh3jTD9szwtkgoy8G60k
TEL 366 Professional Experience Internship
BLE 408 Structured English Immersion (SEI) Methods
ARE 484 Internship For placement at a school (needed to complete the ARE 484 student teaching experienc much complete the Education Internship Tracking Form in the semester before they pla https://docs.google.com/forms/d/e/1FAIpQLSc76twGe9m4LGGIzh3jTD9szwtkgoy8G60k

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
Art History With Modern Focus	C	3
ARS 330 The Portrait		
ARS 331 18th- and 19th-Century European Jewelry Design		
ARS 335 Fashion and Dress in Visual Culture		

ARS 340 Art in America

ARS 345 Art and Television

ARS 370 The Art of the Comic

ARS 394 Topic: 20th Century American & European Jewelry Design

ARS 394 Topic: Anime

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 438 Art of the 20th Century I (HUAD)

ARS 439 Art of the 20th Century II

ARS 440 Identity and World Film

ARS 445 History of Animation

ARS 485 Women in the Visual Arts

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 498 Topic: Art and Money

ARS 498 Topic: Art & Technology

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Fakes and Forgeries in Art

ARS 498 Topic: Self, Trauma, and Affect in Art

ARS 498 Topic: Theories of Modern Sculpture

Upper Division Art History With Asian/African/Native American/Latin American Focus	C	3

ARS 360 Buddhist Art

ARS 362 Survey of Aztec, Maya and Inka Art

ARS 369 Mexican Art (GCSI)

ARS 394 Topic: Anime

ARS 394 Topic: Culture, Heritage, & Craft in East Asia

ARS 394 Topic: Islamic Art

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 402 Art of Ancient Egypt (GCSI)

ARS 465 Native Art of North America

ARS 472 Art of China (HUAD)

ARS 473 Art of Japan (HUAD)

ARS 475 Chinese Painting

ARS 494 Topic: Histories of African Art and Visual Culture

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 494 Topic: Oceanic Art

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Contemporary Art of Southeast Asia

ARS 498 Topic: Modern & Contemporary Art of India and South Asia

US and Arizona Constitution (Optional)

Required by State Department of Education within one year of initial certification. Can be met by test - see advisor.

US Constitution

- HST 109 United States to 1865 (AMIT)
- POS 110 American Government and Politics (AMIT)
- POS 310 American National Government (AMIT)
- GCU 113 United States and Arizona Social Studies (AMIT)

Arizona Constitution

- POS 211 Arizona Constitution and Government
- POS 417 Arizona Politics
- GCU 113 United States and Arizona Social Studies (AMIT)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students not seeking certification may replace any of the courses required for Teaching Certification with electives. Please consult with an academic advisor.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Art History), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTHBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Art History Requirements		
ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR **ARS 202 Art of Africa, Oceania, and the Americas (GCSI)** OR **ARS 250 History of Photography (HUAD)**	C	6
ARS 480 Research Methods	C	3
ARS 498 Pro-Seminar	C	3
Upper Division Art History Ancient/Medieval Focus	C	3

On-campus and ASU Online options:

ARS 394 Topic: Art and Myth in Ancient Greece

ARS 394 Topic: Egyptian Art and Culture

ARS 394 Topic: Islamic Art

Requirement	Minimum Grade	Credit Hours
ARS 394 Topic: Medieval Art: Cross-Cultural Perspectives		
ARS 402 Art of Ancient Egypt (GCSI)		
On-campus options:		
ARS 414 Monasteries, Madonnas and Manuscripts		
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	C	3
On-campus and ASU Online options:		
ARS 360 Buddhist Art		
ARS 369 Mexican Art (GCSI)		
ARS 394 Topic: Anime		
ARS 394 Topic: Egyptian Art and Culture		
ARS 394 Topic: Islamic Art		
ARS 394 Topic: Modern and Contemporary Chinese Art		
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 472 Art of China (HUAD)		
ARS 473 Art of Japan (HUAD)		
ARS 494 Topic: Histories of African Art and Visual Culture		
ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey		
ARS 494 Topic: Oceanic Art		

Requirement	Minimum Grade	Credit Hours
ARS 498 Topic: Contemporary Art of Asia		
ARS 498 Topic: Contemporary Art of Southeast Asia		
ARS 498 Topic: Modern & Contemporary Art of India and South Asia		
On-campus options:		
ARS 362 Survey of Aztec, Maya and Inka Art		
ARS 368 Chicana/o Art		
ARS 394 Topic: Culture, Heritage, & Craft in East Asia		
ARS 465 Native Art of North America		
ARS 475 Chinese Painting		
Upper Division Art History Modern Focus	C	3
On-campus and ASU Online options:		
ARS 330 The Portrait		
ARS 331 18th- and 19th-Century European Jewelry Design		
ARS 335 Fashion and Dress in Visual Culture		
ARS 340 Art in America		
ARS 345 Art and Television		
ARS 370 The Art of the Comic		
ARS 394 Topic: 20th Century American & European Jewelry Design		

Requirement	Minimum Grade	Credit Hours
ARS 394 Topic: Anime		
ARS 394 Topic: Modern and Contemporary Chinese Art		
ARS 438 Art of the 20th Century I (HUAD)		
ARS 440 Identity and World Film		
ARS 445 History of Animation		
ARS 485 Women in the Visual Arts		
ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey		
ARS 498 Topic: Art & Technology		
ARS 498 Topic: Contemporary Art of Asia		
ARS 498 Topic: Theories Modern Sculpture		
On-campus options:		
ARS 434 Revolution to Impressionism in 19th-Century Art		
ARS 439 Art of the 20th Century II		
ARS 443 Artists in Film: Artists' Biopics		
ARS 498 Topic: Art and Money		
ARS 498 Topic: Fakes and Forgeries in Art		
ARS 498 Topic: Photographs, Collections, Archives		
ARS 498 Topic: Refugee Modernism(s)		
ARS 498 Topic: Self, Trauma, and Affect in Art		

Requirement	Minimum Grade	Credit Hours
ARS 498 Topic: The Art of the Document		
Upper Division Art History Renaissance/Baroque Focus		
On-campus and ASU Online options:		
ARS 330 The Portrait		
ARS 335 Fashion and Dress in Visual Culture		
ARS 394 Topic: Italian Renaissance Art	C	3
ARS 394 Topic: Spanish America & the Arts		
On-campus options:		
ARS 418 German Renaissance and Reformation Art		
Upper Division **ARS Elective**	C	9
ARS Elective	C	3
School of Art Electives		
ARA Elective		
ARE Elective	C	9
ART Elective		
ATP Elective		

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience **OR HDA 101 ASU and Herberger Institute Experience**	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Art Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTSTDBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Art Studies Core		
Art Studies Core		
ART 107 Photography as Experience or **ART 113 Pictorial Investigations and Color Theory**		
ART 108 Digital Literacy for the Arts (QTRS) or **ART 116 Introduction to Digital Media**		
ART 109 Making as Seeing and Thinking or **ART 115 3D Design**	C	12
ART 110 Drawing as Seeing and Thinking (HUAD) or **ART 111 Foundation Drawing**		
ART 114 Expanded Arts Studio		
For the Art Studies Core, ART 107, ART 108, ART 109, ART 110, and ART 116 are available to both on-campus and ASU Online students.		
ARA 195 Art in My World (HUAD)	C	3
OR **ARA 240 Encounters with Contemporary Art**		

Requirement	Minimum Grade	Credit Hours
ARA 195 is available to both on-campus and ASU Online students. ARA 240 is exclusively for on-campus students.		
ARA 396 Professional Practices for Design and the Arts	C	3

Art Studies Electives

Lower Division Art Studies Electives	C	9

On-campus and ASU Online options:

- **ART 206 Digital Photography I**
- **ART 207 Digital Photography II**
- **ART 216 Contemporary Art in Practice: Methods, Making, Meaning**
- **ART 227 Watercolor**
- **ART 256 Art Zines: Self-Publishing, Protest and Change**
- **ART 294 Topic: Basics of Stop Motion**

On-campus options only:

- **ART 203 Photography: Material Studies I**
- **ART 211 Drawing**
- **ART 215 Photography: Digital Compositing**
- **ART 220 Photography: Introduction to Lighting**
- **ART 223 Painting**
- **ART 253 Introduction to Printmaking**

Requirement	Minimum Grade	Credit Hours
ART 257 Wheel Throwing I		
ART 261 Ceramic Survey		
ART 264 Ceramic Handbuilding I		
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		
ART 276 Introduction to Textiles		
Upper Division Art Studies Electives	C	18
On-campus and ASU Online options:		
ARA 489 Writing Art and Design Criticism (HUAD)		
ART 302 The Still and Moving Image: Digital Photography and Video		
ART 312 Illustration		
ART 317 Advanced Digital Photography		
ART 319 Photo Editing: Narrative/Non-Narrative		
ART 320 Science and Art of Botanical Design (SCIT)		
ART 394 Topic: Experimental Drawing		
ART 394 Topic: Experimental Photo Processes		
ART 394 Topic: Identity & Representation in Photography		
ART 394 Topic: Monotypes, Collographs & Mixed Media		

Requirement	Minimum Grade	Credit Hours
ART 394 Topic: Spirituality and the Artist		
ART 394 Topic: The Medium of Cut Botanicals		
ART 394 Topic: Portrait Sculpting and Anatomy		
ART 400 The Photobook		
ART 401 Traditional Genres in Digital Photography: Land and Place		
ART 402 Traditional Genres in Digital Photography: Photographing People		
ART 405 Traditional Genres in Digital Photography: The Constructed Image		
ART 406 New Genres in Digital Photography		
ART 412 Advanced Techniques in Digital Photography		
ART 494 Topic: Advanced Moving Image		
ART 494 Topic: Relief		
ART 494 Topic: Text and Photo		
ART 494 Topic: Landscape Painting		
ART 498 Topic: Propaganda and Art		
On-campus options only:		
ARA 311 Art Appreciation and Human Development		
ARA 330 Issues in Expanded Arts		
ARA 460 Gallery Exhibitions		

Requirement	Minimum Grade	Credit Hours
ART 301 Photography: Material Studies II		
ART 303 Portraiture Photography		
ART 311 Intermediate Drawing		
ART 318 Photography: Material Studies III		
ART 323 Intermediate Painting		
ART 327 Intermediate Watercolor		
ART 331 Sculpture II		
ART 333 Foundry Casting Methods		
ART 351 Intaglio		
ART 352 Lithography		
ART 354 Screen Printing		
ART 365 Ceramic Handbuilding II		
ART 368 Slipcasting		
ART 374 Wood II		
ART 376 Weaving and Dyeing		
ART 377 Textile Design		
ART 427 Art on Paper		
ART 432 Neon Sculpture		
ART 439 Studio Inquiry: Practice and Cultural Context		
ART 440 Experimental Video Art		

Requirement	Minimum Grade	Credit Hours
ART 442 Art and Community		
ART 443 Performance Art: Actions, Gestures, Journeys		
ART 444 Short Subject: Documentary Video		
ART 446 On Walking		
ART 467 Art and Ecology		
ART 482 Senior Exhibitions/Portfolio		

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR ARS 202 Art of Africa, Oceania, and the Americas (GCSI)	C	3
Upper Division Art Studies ARS Elective	C	3
On-campus and ASU Online options:		
ARS 330 The Portrait		
ARS 335 Fashion and Dress in Visual Culture		
ARS 345 Art and Television		
ARS 360 Buddhist Art		
ARS 369 Mexican Art (GCSI)		

ARS 394 Topic: Art and Myth in Ancient Greece

ARS 394 Topic: Islamic Art

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 402 Art of Ancient Egypt (GCSI)

ARS 438 Art of the 20th Century I (HUAD)

ARS 440 Identity and World Film

ARS 472 Art of China (HUAD)

ARS 473 Art of Japan (HUAD)

ARS 485 Women in the Visual Arts

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 498 Topic: Art & Technology

ARS 498 Topic: Contemporary Art of Southeast Asia

ARS 498 Topic: Modern & Contemporary Art of India and South Asia

ARS 498 Topic: Theories Modern Sculpture

On-campus options only:

ARS 362 Survey of Aztec, Maya and Inka Art

ARS 403 Art of the Aztec Empire

ARS 434 Revolution to Impressionism in 19th-Century Art

ARS 439 Art of the 20th Century II

ARS 443 Artists in Film: Artists' Biopics

ARS 460 Art Now

ARS 494 Topic: Surrealism

ARS 498 Topic: Art and Money

Related Studies

Upper Division Related Studies C 15

Upper Division AFR Elective

Upper Division AIS Elective

Upper Division AME Elective

Upper Division APA Elective

Upper Division APH Elective

Upper Division ARS Elective

Upper Division ASB Elective

Upper Division DCE Elective

Upper Division FMS Elective

Upper Division GIT Elective

Upper Division GRA Elective

Upper Division HST Elective

Upper Division IAP Elective

Upper Division MUS Elective

Upper Division REL Elective

Upper Division	TCL Elective
Upper Division	THE Elective
Upper Division	WST Elective
Upper Division	Humanities, Arts and Design (HUAD)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience OR **HDA 101 ASU and Herberger Institute Experience**	C	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Art Therapy), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIARTATBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Preprofessional Foundations		
ART 111 Foundation Drawing	C	3
ART 113 Pictorial Investigations and Color Theory	C	3
ART 114 Expanded Arts Studio	C	3
ART 115 3D Design	C	3
ART 116 Introduction to Digital Media	C	3
2D Art Course	C	3
ART 121 Introduction to Photography I		
ART 122 Introduction to Photography II		
ART 203 Photography: Material Studies I		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 208 View Camera Photography		

Requirement	Minimum Grade	Credit Hours
ART 211 Drawing		
ART 214 Figure Drawing		
ART 215 Photography: Digital Compositing		
ART 223 Painting		
ART 227 Watercolor		
ART 253 Introduction to Printmaking		
3D Art Course		
ART 218 3D Tools		
ART 231 Sculpture I		
ART 261 Ceramic Survey	C	3
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		
ART 276 Introduction to Textiles		

Professional Program

ARA 240 Encounters with Contemporary Art	C	3
ARA 396 Professional Practices for Design and the Arts	C	3
ART 216 Contemporary Art in Practice: Methods, Making, Meaning	C	3

Requirement	Minimum Grade	Credit Hours
ART 482 Senior Exhibitions/Portfolio	C	3
ATP 200 Introduction to Art Therapy	C	3
ATP 484 Internship Students will enroll in ATP 484 twice.	C	6
Upper Division School of Art Elective ARA Elective ARE Elective ARS Elective ART Elective ATP Elective	C	15
MAT 170 Precalculus (MATH) OR **MAT 119 Finite Mathematics (MATH)**		3

Art History

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3

ARS 201 Art of Asia (GCSI) OR **ARS 202 Art of Africa, Oceania, and the Americas (GCSI)**	C	3

Psychology Requirements

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 315 Personality Theory and Research (SOBE)	C	3
PSY 341 Developmental Psychology (SOBE)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3
Upper Division **PSY Elective**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience ARA 101 is required of first-year art majors only.	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Ceramics), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTCBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Lower Division Concentration Requirements		
ART 111 Foundation Drawing	C	3
ART 113 Pictorial Investigations and Color Theory OR **ART 114 Expanded Arts Studio** OR **ART 116 Introduction to Digital Media**	C	3
ART 115 3D Design	C	3
ART 257 Wheel Throwing I	C	3
ART 261 Ceramic Survey	C	3
ART 264 Ceramic Handbuilding I	C	3
Upper Division Concentration Requirements		
ART 366 Moldmaking	C	3
ART 463 Ceramic Glaze Research	C	3
ART 464 Ceramic Print and Surface	C	3

Requirement	Minimum Grade	Credit Hours
ART 475 Ceramic Critique	C	3
ART 482 Senior Exhibitions/Portfolio	C	3
Upper Division Ceramic Installation		
ART 394 Topic: Clay on the Wall: Installing Ceramic Art		
ART 394 Topic: Historical to Hysterical		
ART 394 Topic: The Readymade Object		
ART 466 Special Problems in Ceramics		
ART 494 Topic: Art on the Wall: Installing Ceramic Art	C	6
ART 494 Topic: Ceramic Tableware Design		
ART 494 Topic: Ceramics + Site: Surface/Architecture/Land		
ART 494 Topic: Art and Science		
Upper Division Ceramic Process		
ART 365 Ceramic Handbuilding II		
ART 367 Ceramic Vessels		
ART 368 Slipcasting		
ART 394 Topic: Altered Vessels	C	6
ART 394 Topic: Ceramic Figure Sculpture		
ART 460 Ceramic Clay		
ART 494 Topic: Advanced Slipcasting		

Requirement	Minimum Grade	Credit Hours
ART 494 Topic: 3D Research Studio		

School of Art Requirements and Electives

ARA 240 Encounters with Contemporary Art	C	3
ARA 396 Professional Practices for Design and the Arts	C	3
School of Art Elective ARA Elective ARE Elective ARS Elective ART Elective ATP Elective	C	6
Upper Division School of Art Elective ARA Elective ARE Elective ARS Elective ART Elective ATP Elective	C	6

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR ARS 202 Art of Africa, Oceania, and the Americas (GCSI)	C	3
Upper Division Art History with Asian/African/Native American/Latin American Focus	C	3

- ARS 360 Buddhist Art
- ARS 362 Survey of Aztec, Maya and Inka Art
- ARS 369 Mexican Art (GCSI)
- ARS 394 Topic: Anime
- ARS 394 Topic: Culture, Heritage, & Craft in East Asia
- ARS 394 Topic: Egyptian Art and Culture
- ARS 394 Topic: Islamic Art
- ARS 394 Topic: Modern and Contemporary Chinese Art
- ARS 402 Art of Ancient Egypt (GCSI)
- ARS 465 Native Art of North America
- ARS 472 Art of China (HUAD)
- ARS 473 Art of Japan (HUAD)
- ARS 475 Chinese Painting
- ARS 494 Topic: Histories of African Art and Visual Culture
- ARS 494 Topic: Modern & Contemporary Latin

American Art: A Survey

ARS 494 Topic: Oceanic Art

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Contemporary Art of Southeast Asia

ARS 498 Topic: Modern & Contemporary Art of India and South Asia

Upper Division Art History with Modern Focus C 3

ARS 330 The Portrait

ARS 331 18th- and 19th-Century European Jewelry Design

ARS 335 Fashion and Dress in Visual Culture

ARS 340 Art in America

ARS 345 Art and Television

ARS 370 The Art of the Comic

ARS 394 Topic: 20th Century American & European Jewelry Design

ARS 394 Topic: Anime

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 438 Art of the 20th Century I (HUAD)

ARS 439 Art of the 20th Century II

ARS 440 Identity and World Film

ARS 445 History of Animation

ARS 485 Women in the Visual Arts

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 498 Topic: Art and Money

ARS 498 Topic: Art & Technology

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Fakes and Forgeries in Art

ARS 498 Topic: Self, Trauma, and Affect in Art

ARS 498 Topic: Theories of Modern Sculpture

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Digital Photography), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIARTDPBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Digital Photography Requirements		
ARA 209 Photography Now	C	3
ART 116 Introduction to Digital Media	C	3
ART 206 Digital Photography I	C	3
ART 207 Digital Photography II	C	3
ART 317 Advanced Digital Photography	C	3
ART 387 Digital Photography Capstone Development	C	3
ART 407 Digital Photography Capstone	C	3
Upper Division Photography Elective	C	12
ART 302 The Still and Moving Image: Digital Photography and Video		
ART 319 Photo Editing: Narrative/Non-Narrative		
ART 394 Topic: Art and Activism		
ART 394 Topic: Death and Photography		

Requirement	Minimum Grade	Credit Hours
ART 394 Topic: Experimental Photo Processes		
ART 394 Topic: Identity & Representation in Photography		
ART 394 Topic: Photo Topics: Photography and Sustainability		
ART 394 Topic: Sick Pictures: Photography and Illness		
ART 400 The Photobook		
ART 401 Traditional Genres in Digital Photography: Land and Place		
ART 402 Traditional Genres in Digital Photography: Photographing People		
ART 405 Traditional Genres in Digital Photography: The Constructed Image		
ART 406 New Genres in Digital Photography		
ART 412 Advanced Techniques in Digital Photography		
ART 494 Topic: Art and Censorship		
Upper Division Photography Elective	C	6
ART 302 The Still and Moving Image: Digital Photography and Video		
ART 319 Photo Editing: Narrative/Non-Narrative		
ART 394 Topic: Art and Activism		
ART 394 Topic: Death and Photography		

Requirement	Minimum Grade	Credit Hours
ART 394 Topic: Experimental Photo Processes		
ART 394 Topic: Identity & Representation in Photography		
ART 394 Topic: Photo Topics: Photography and Sustainability		
ART 394 Topic: Sick Pictures: Photography and Illness		
ART 400 The Photobook		
ART 401 Traditional Genres in Digital Photography: Land and Place		
ART 402 Traditional Genres in Digital Photography: Photographing People		
ART 405 Traditional Genres in Digital Photography: The Constructed Image		
ART 406 New Genres in Digital Photography		
ART 412 Advanced Techniques in Digital Photography		
ART 494 Topic: Art and Censorship		
OR Upper Division Photography Research Topics		
ART 394 Topic: Art and Activism		
ART 394 Topic: Death and Photography		
ART 394 Topic: Film to Digital		
ART 394 Topic: Furthering Advanced Techniques		

Requirement	Minimum Grade	Credit Hours
ART 394 Topic: Identity & Representation in Photography		
ART 394 Topic: Photo Topics: Photography and Sustainability		
ART 394 Topic: Sick Pictures: Photography and Illness		
ART 394 Topic: Spirituality and the Artist		
ART 394 Topic: Still Life Expanded		
ART 394 Topic: Traditional & Contemporary Documentary Photography		
ART 494 Topic: Advanced Moving Image		
ART 494 Topic: Photography and Appropriation		
ART 494 Topic: Photography and Gender		
ART 498 Topic: Propaganda and Art		
ART 494 Topic: Text and Photo		

School of Art Requirements or Electives

ARA 396 Professional Practices for Design and the Arts	C	3

Related Area

Upper Division Related Area	C	6
ART 446 On Walking		

ARA 489 Writing Art and Design Criticism (HUAD)

FMS 351 Emerging Digital Media

MCO 307 The Digital Audience

MCO 335 Social Media Foundations

MCO 425 Digital Media Literacy I

MCO 450 Visual Communication (HUAD)

MCO 473 Sex, Love, and Romance in the Mass Media

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR ARS 202 Art of Africa, Oceania, and the Americas (GCSI)	C	3
ARS 250 History of Photography (HUAD)	C	3
Upper Division Art History Modern (Digital Photography)	C	3

ARS 330 The Portrait

ARS 340 Art in America

ARS 345 Art and Television

ARS 370 The Art of the Comic

ARS 394 Topic: Anime

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 438 Art of the 20th Century I (HUAD)

ARS 445 History of Animation

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

HDA 101 ASU and Herberger Institute Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Expanded Arts), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTIBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Lower Division Concentration Requirements		
ART 111 Foundation Drawing OR **ART 115 3D Design**	C	3
ART 113 Pictorial Investigations and Color Theory	C	3
ART 114 Expanded Arts Studio	C	3
ART 116 Introduction to Digital Media	C	3
ART 216 Contemporary Art in Practice: Methods, Making, Meaning	C	3
School of Art Requirements and Electives		
ARA 240 Encounters with Contemporary Art	C	3
ARA 396 Professional Practices for Design and the Arts	C	3
2D Studio Art Elective **ART 121 Introduction to Photography I**	C	3

Requirement	Minimum Grade	Credit Hours
ART 122 Introduction to Photography II		
ART 203 Photography: Material Studies I		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 211 Drawing		
ART 214 Figure Drawing		
ART 215 Photography: Digital Compositing		
ART 223 Painting		
ART 227 Watercolor		
ART 253 Introduction to Printmaking		
ART 256 Art Zines: Self-Publishing, Protest and Change		
3D Studio Art Elective	C	3
ART 218 3D Tools		
ART 231 Sculpture I		
ART 235 3D Tools for Sculptors		
ART 261 Ceramic Survey		
ART 264 Ceramic Handbuilding I		
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		

Requirement	Minimum Grade	Credit Hours
ART 276 Introduction to Textiles		
2D Studio Art Elective	C	3
ART 121 Introduction to Photography I		
ART 122 Introduction to Photography II		
ART 203 Photography: Material Studies I		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 211 Drawing		
ART 214 Figure Drawing		
ART 215 Photography: Digital Compositing		
ART 223 Painting		
ART 227 Watercolor		
ART 253 Introduction to Printmaking		
ART 256 Art Zines: Self-Publishing, Protest and Change		
OR		
3D Studio Art Elective		
ART 218 3D Tools		
ART 231 Sculpture I		
ART 235 3D Tools for Sculptors		
ART 261 Ceramic Survey		

Requirement	Minimum Grade	Credit Hours
ART 264 Ceramic Handbuilding I		
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		
ART 276 Introduction to Textiles		
School of Art Elective ARA Elective ARE Elective ARS Elective ART Elective	C	6

Upper Division Concentration Requirements

ARA 330 Issues in Expanded Arts	C	3
ARA 489 Writing Art and Design Criticism (HUAD)	C	3
ART 439 Studio Inquiry: Practice and Cultural Context	C	3
ART 443 Performance Art: Actions, Gestures, Journeys	C	3
ART 480 Building Immersive Environments and Discourses	C	3
ART 482 Senior Exhibitions/Portfolio	C	3
Upper Division Expanded Arts Elective **ART 302 The Still and Moving Image: Digital**	C	15

Requirement	Minimum Grade	Credit Hours
Photography and Video		
ART 312 Illustration		
ART 378 Digital Textiles		
ART 417 Storyboarding and Narrative Sequencing		
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 442 Art and Community		
ART 444 Short Subject: Documentary Video		
ART 449 Computer Animation and Video		
ART 494 Topic: Art and Science		
ART 494 Topic: Time, Narrative & the Multiple		
ART 494 Topic: Visual Prototyping		
ART 494 Topic: Women/Art/Technology		

Art History Requirement

ARS 101 Art from Prehistory Through Middle Ages (HUAD) OR ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR ARS 202 Art of Africa, Oceania, and the Americas (GCSI)	C	3
Upper Division Art History with Asian/African/Native American/Latin American Focus	C	3

ARS 360 Buddhist Art

ARS 362 Survey of Aztec, Maya and Inka Art

ARS 369 Mexican Art (GCSI)

ARS 394 Topic: Anime

ARS 394 Topic: Culture, Heritage, & Craft in East Asia

ARS 394 Topic: Islamic Art

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 402 Art of Ancient Egypt (GCSI)

ARS 465 Native Art of North America

ARS 472 Art of China (HUAD)

ARS 473 Art of Japan (HUAD)

ARS 475 Chinese Painting

ARS 494 Topic: Histories of African Art and Visual Culture

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 494 Topic: Oceanic Art

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Contemporary Art of Southeast Asia

ARS 498 Topic: Modern & Contemporary Art of India and South Asia

Upper Division Art History with Modern Focus C 3

ARS 330 The Portrait

ARS 331 18th- and 19th-Century European Jewelry Design

ARS 335 Fashion and Dress in Visual Culture

ARS 340 Art in America

ARS 345 Art and Television

ARS 370 The Art of the Comic

ARS 394 Topic: 20th Century American & European Jewelry Design

ARS 394 Topic: Anime

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 438 Art of the 20th Century I (HUAD)

ARS 439 Art of the 20th Century II

ARS 440 Identity and World Film

ARS 445 History of Animation

ARS 485 Women in the Visual Arts

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 498 Topic: Art and Money

ARS 498 Topic: Art & Technology

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Fakes and Forgeries in Art

ARS 498 Topic: Self, Trauma, and Affect in Art

ARS 498 Topic: Theories of Modern Sculpture

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Museum Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTMSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Museum Studies Courses		
ARS 120 Introduction to Global Museum Studies	C	3
ARS 121 Introduction to Global Heritage Studies	C	3
ARS 222 Museums as Sites of Extraction	C	3
ARS 223 Introduction to Museums and Social Justice	C	3
ARS 224 Museum and Heritage Careers	C	3
ARS 323 Curatorial Activism	C	3
Upper Division Diversifying Museums Electives	C	18
ARS 421 Identity Politics and Exhibitions		
ARS 494 Topic: Contemporary Indigenous Art & Museums		
ARS 494 Topic: Curating the Contemporary In Practice		
ARS 494 Topic: Decolonizing Museums		
ARS 494 Topic: Gender/Sexuality & Museums		

Requirement	Minimum Grade	Credit Hours
ARS 494 Topic: Transformative Exhibitions Since the 1990s		
Upper Division Museum Studies Electives	C	9
AFR 428 Critical Race Theory		
ARA 396 Professional Practices for Design and the Arts		
ARA 489 Writing Art and Design Criticism (HUAD)		
ARS 394 Topic: Political/Museum Narratives by Decade 1950 - 2000		
ARS 438 Art of the 20th Century I (HUAD)		
ARS 439 Art of the 20th Century II		
ARS 460 Art Now		
ARS 480 Research Methods		
ARS 484 Internship		
ARS 494 Topic: Contemporary Issues in Curatorial Practice		
ARS 494 Topic: Managing Arts & Culture Organizations		
ARS 494 Topic: Philosophy of Curatorial Practice: 1800-Present		
ARS 498 Topic: Art and Money		
ARS 498 Topic: (Mis)Representing Justice: Art, Law and Censorship		
ARS 498 Topic: Photographs, Collections, Archives		

Requirement	Minimum Grade	Credit Hours
ASB 350 Anthropology and Art (HUAD)		
NLM 310 Volunteer Management (CIVI)		
SGS 360 Cultural Aspects of Globalization		
TDM 448 Heritage and Cultural Tourism		
Museum Studies Focus	C	6
ACC 382 Accounting and Financial Analysis		
AIS 180 Introduction to American Indian Studies (SOBE)		
AIS 320 American Indian Philosophies and World Views (HUAD)		
ARS Elective		
ART 216 Contemporary Art in Practice: Methods, Making, Meaning		
ASB 102 Introduction to Cultural Anthropology (GCSI)		
ASB 340 Migration and Culture (GCSI)		
PAF 300 Public Management and Administration		
PAF 420 Managing Across Boundaries		
TCL 111 Latinx Cultural Studies (HUAD)		
TCL 210 Introduction to Ethnic Studies in the U.S. (SOBE)		
TCL 230 The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective		

Requirement	Minimum Grade	Credit Hours
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
WST 380 Race, Gender, and Class (SOBE)		
ARS 484 Internship	C	3
OR Upper Division Museum Studies Focus		
ACC 382 Accounting and Financial Analysis		
AIS 320 American Indian Philosophies and World Views (HUAD)		
ARS Elective		
ASB 340 Migration and Culture (GCSI)		
PAF 300 Public Management and Administration		
PAF 420 Managing Across Boundaries		
TDM 345 Meeting and Convention Planning		
TDM 350 Tourism, Recreation and Sports Marketing		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
WST 380 Race, Gender, and Class (SOBE)		

Museum Studies students should speak with the internship coordinator, Dr. Cecilia Fajardo-Hill, regarding internship

Requirement	Minimum Grade	Credit Hours
opportunities.		
ARS 480 Research Methods OR **ARS 484 Internship**	C	3

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR **ARS 202 Art of Africa, Oceania, and the Americas (GCSI)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience OR **HDA 101 ASU and Herberger Institute Experience**	C	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Painting and Drawing), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIARTPDBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Lower Division Concentration Requirements		
ART 108 Digital Literacy for the Arts (QTRS)	C	3
ART 111 Foundation Drawing	C	3
ART 113 Pictorial Investigations and Color Theory	C	3
ART 114 Expanded Arts Studio	C	3
ART 115 3D Design	C	3
ART 211 Drawing	C	3
ART 223 Painting	C	3
ART 227 Watercolor OR ART 214 Figure Drawing	C	3
Upper Division Concentration Requirements		
ART 311 Intermediate Drawing	C	3
ART 323 Intermediate Painting	C	3

Requirement	Minimum Grade	Credit Hours
ART 327 Intermediate Watercolor OR ART 325 Figure Painting OR ART 314 Intermediate Figure Drawing	C	3
ART 429 Painting and Drawing Research Studio	C	3
ART 482 Senior Exhibitions/Portfolio	C	3
Upper Division Painting and Drawing Electives ART 314 Intermediate Figure Drawing ART 325 Figure Painting ART 327 Intermediate Watercolor ART 354 Screen Printing ART 411 Advanced Drawing ART 414 Advanced Figure Drawing ART 423 Advanced Painting ART 425 Intermediate Figure Painting ART 427 Art on Paper ART 494 Topic: Color and Sustainable Practice	C	12

School of Art Requirements and Electives

ARA 240 Encounters with Contemporary Art	C	3
ARA 396 Professional Practices for Design and the Arts	C	3

Requirement	Minimum Grade	Credit Hours
2D Studio Art Elective	C	3
ART 121 Introduction to Photography I		
ART 122 Introduction to Photography II		
ART 203 Photography: Material Studies I		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 214 Figure Drawing		
ART 215 Photography: Digital Compositing		
ART 227 Watercolor		
ART 253 Introduction to Printmaking		
ART 256 Art Zines: Self-Publishing, Protest and Change		
OR		
3D Studio Art Elective		
ART 216 Contemporary Art in Practice: Methods, Making, Meaning		
ART 218 3D Tools		
ART 231 Sculpture I		
ART 235 3D Tools for Sculptors		
ART 261 Ceramic Survey		
ART 264 Ceramic Handbuilding I		
ART 272 Introduction to Metals and Jewelry		

Requirement	Minimum Grade	Credit Hours
ART 274 Wood I		
ART 276 Introduction to Textiles		
Upper Division School of Art Elective		
ARA Elective	C	3
ARE Elective		
ARS Elective		
ART Elective		
ATP Elective		
School of Art Elective		
ARA Elective	C	6
ARE Elective		
ARS Elective		
ART Elective		
ATP Elective		

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3

ARS 201 Art of Asia (GCSI) OR **ARS 202 Art of Africa, Oceania, and the Americas (GCSI)**	C	3
Upper Division Art History with Asian/African/Native American/Latin American Focus	C	3

- **ARS 360 Buddhist Art**
- **ARS 362 Survey of Aztec, Maya and Inka Art**
- **ARS 369 Mexican Art (GCSI)**
- **ARS 394 Topic: Anime**
- **ARS 394 Topic: Culture, Heritage, & Craft in East Asia**
- **ARS 394 Topic: Islamic Art**
- **ARS 394 Topic: Modern and Contemporary Chinese Art**
- **ARS 394 Topic: Egyptian Art and Culture**
- **ARS 402 Art of Ancient Egypt (GCSI)**
- **ARS 465 Native Art of North America**
- **ARS 472 Art of China (HUAD)**
- **ARS 473 Art of Japan (HUAD)**
- **ARS 475 Chinese Painting**
- **ARS 494 Topic: Histories of African Art and Visual Culture**
- **ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey**
- **ARS 494 Topic: Oceanic Art**
- **ARS 498 Topic: Contemporary Art of Asia**

ARS 498 Topic: Contemporary Art of Southeast Asia

ARS 498 Topic: Modern & Contemporary Art of India and South Asia

Upper Division Art History with Modern Focus	C	3

ARS 330 The Portrait

ARS 331 18th- and 19th-Century European Jewelry Design

ARS 335 Fashion and Dress in Visual Culture

ARS 340 Art in America

ARS 345 Art and Television

ARS 370 The Art of the Comic

ARS 394 Topic: 20th Century American & European Jewelry Design

ARS 394 Topic: Anime

ARS 394 Topic: Modern and Contemporary Chinese Art

ARS 438 Art of the 20th Century I (HUAD)

ARS 439 Art of the 20th Century II

ARS 440 Identity and World Film

ARS 445 History of Animation

ARS 485 Women in the Visual Arts

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 498 Topic: Art and Money

ARS 498 Topic: Art & Technology

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Fakes and Forgeries in Art

ARS 498 Topic: Self, Trauma, and Affect in Art

ARS 498 Topic: Theories of Modern Sculpture

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Photography), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTPHBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Lower Division Concentration Requirements		
ART 111 Foundation Drawing OR **ART 114 Expanded Arts Studio** OR **ART 115 3D Design**	C	6
ART 116 Introduction to Digital Media	C	3
ART 121 Introduction to Photography I	C	3
ART 122 Introduction to Photography II	C	3
Lower Division Photography Elective **ARA 209 Photography Now** **ART 203 Photography: Material Studies I** **ART 215 Photography: Digital Compositing** **ART 220 Photography: Introduction to Lighting** **ART 294 Topic: Digital Photography**	C	6

Requirement	Minimum Grade	Credit Hours
School of Art Requirements and Electives		
ARA 240 Encounters with Contemporary Art	C	3
ARA 396 Professional Practices for Design and the Arts	C	3
3D Studio Art Elective **ART 216 Contemporary Art in Practice: Methods, Making, Meaning** **ART 218 3D Tools** **ART 231 Sculpture I** **ART 235 3D Tools for Sculptors** **ART 261 Ceramic Survey** **ART 264 Ceramic Handbuilding I** **ART 272 Introduction to Metals and Jewelry** **ART 274 Wood I** **ART 276 Introduction to Textiles**	C	3
Upper Division School of Art Elective ARA Elective ARE Elective ARS Elective ART Elective	C	6

Requirement	Minimum Grade	Credit Hours
ATP Elective		

Upper Division Concentration Requirements

ART 482 Senior Exhibitions/Portfolio	C	3
Upper Division Photography Elective	C	18
ART 301 Photography: Material Studies II		
ART 303 Portraiture Photography		
ART 304 Junior Photographic Projects		
ART 310 Landscape Photography		
ART 313 Experimental Film		
ART 318 Photography: Material Studies III		
ART 394 Topic: Advanced Digital Compositing		
ART 394 Topic: Digital Printing		
ART 394 Topic: Street Photography		
ART 400 The Photobook		
ART 403 Senior Photographic Projects		
ART 409 Photographic Exhibition		
ART 467 Art and Ecology		
ART 494 Topic: Labor and Representation		
ART 494 Topic: The Body and Representation		

Requirement	Minimum Grade	Credit Hours
ART 494 Topic: The Pirate Image		
ART 494 Topic: Reconstructed Identities		

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD) OR ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR ARS 202 Art of Africa, Oceania, and the Americas (GCSI)	C	3
ARS 250 History of Photography (HUAD)	C	3
Upper Division Art History with Asian/African/Native American/Latin American Focus	C	3

- ARS 360 Buddhist Art
- ARS 362 Survey of Aztec, Maya and Inka Art
- ARS 369 Mexican Art (GCSI)
- ARS 394 Topic: Anime
- ARS 394 Topic: Culture, Heritage, & Craft in East Asia
- ARS 394 Topic: Islamic Art
- ARS 394 Topic: Modern and Contemporary Chinese Art
- ARS 402 Art of Ancient Egypt (GCSI)
- ARS 465 Native Art of North America

ARS 472 Art of China (HUAD)

ARS 473 Art of Japan (HUAD)

ARS 475 Chinese Painting

ARS 494 Topic: Histories of African Art and Visual Culture

ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey

ARS 494 Topic: Oceanic Art

ARS 498 Topic: Contemporary Art of Asia

ARS 498 Topic: Contemporary Art of Southeast Asia

ARS 498 Topic: Modern & Contemporary Art of India and South Asia

Upper Division **ARS Elective**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Printmaking), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTPMBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Lower Division Concentration Requirements		
ART 111 Foundation Drawing OR ART 116 Introduction to Digital Media	C	3
ART 113 Pictorial Investigations and Color Theory	C	3
ART 114 Expanded Arts Studio	C	3
ART 115 3D Design	C	3
ART 253 Introduction to Printmaking	C	3
School of Art Requirements and Electives		
ARA 240 Encounters with Contemporary Art	C	3
ARA 396 Professional Practices for Design and the Arts	C	3
2D Studio Art Elective	C	3
ART 121 Introduction to Photography I		
ART 122 Introduction to Photography II		

Requirement	Minimum Grade	Credit Hours
ART 203 Photography: Material Studies I		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 211 Drawing		
ART 214 Figure Drawing		
ART 215 Photography: Digital Compositing		
ART 223 Painting		
ART 227 Watercolor		
ART 256 Art Zines: Self-Publishing, Protest and Change		
3D Studio Art Elective	C	3
ART 216 Contemporary Art in Practice: Methods, Making, Meaning		
ART 218 3D Tools		
ART 231 Sculpture I		
ART 235 3D Tools for Sculptors		
ART 261 Ceramic Survey		
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		
ART 276 Introduction to Textiles		

Requirement	Minimum Grade	Credit Hours
ART 264 Ceramic Handbuilding I		
2D Studio Art Elective	C	3
ART 121 Introduction to Photography I		
ART 122 Introduction to Photography II		
ART 203 Photography: Material Studies I		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 211 Drawing		
ART 214 Figure Drawing		
ART 215 Photography: Digital Compositing		
ART 223 Painting		
ART 227 Watercolor		
ART 256 Art Zines: Self-Publishing, Protest and Change		
OR **3D Studio Art Elective**		
ART 216 Contemporary Art in Practice: Methods, Making, Meaning		
ART 218 3D Tools		
ART 231 Sculpture I		
ART 235 3D Tools for Sculptors		

Requirement	Minimum Grade	Credit Hours
ART 261 Ceramic Survey		
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		
ART 276 Introduction to Textiles		
ART 264 Ceramic Handbuilding I		
Upper Division School of Art Elective		
ARA Elective	C	6
ARE Elective		
ARS Elective		
ART Elective		
ATP Elective		
School of Art Elective		
ARA Elective	C	3
ARE Elective		
ARS Elective		
ART Elective		
ATP Elective		

Upper Division Concentration Requirements

Requirement	Minimum Grade	Credit Hours
ART 354 Screen Printing	C	3
ART 351 Intaglio	C	3
ART 456 Letterpress Studio	C	3
ART 482 Senior Exhibitions/Portfolio	C	3
Upper Division Printmaking Electives		
ART 352 Lithography	C	12
ART 394 Topic: Monotypes, Collographs & Mixed Media		
ART 445 Digital Processes for Printmaking		
ART 451 Advanced Intaglio		
ART 452 Advanced Lithography		
ART 453 Experimental Printmaking: Expanding the Matrix		
ART 454 Advanced Screen Printing		
ART 455 Artists' Books		
ART 458 Papermaking Studio		

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3

ARS 201 Art of Asia (GCSI) OR **ARS 202 Art of Africa, Oceania, and the Americas (GCSI)**	C	3
Upper Division Art History with Asian/African/Native American/Latin American Focus	C	3

- **ARS 360 Buddhist Art**
- **ARS 362 Survey of Aztec, Maya and Inka Art**
- **ARS 369 Mexican Art (GCSI)**
- **ARS 394 Topic: Anime**
- **ARS 394 Topic: Culture, Heritage, & Craft in East Asia**
- **ARS 394 Topic: Islamic Art**
- **ARS 394 Topic: Modern and Contemporary Chinese Art**
- **ARS 402 Art of Ancient Egypt (GCSI)**
- **ARS 465 Native Art of North America**
- **ARS 472 Art of China (HUAD)**
- **ARS 473 Art of Japan (HUAD)**
- **ARS 475 Chinese Painting**
- **ARS 494 Topic: Histories of African Art and Visual Culture**
- **ARS 494 Topic: Modern & Contemporary Latin American Art: A Survey**
- **ARS 494 Topic: Oceanic Art**
- **ARS 498 Topic: Contemporary Art of Asia**
- **ARS 498 Topic: Contemporary Art of Southeast Asia**

ARS 498 Topic: Modern & Contemporary Art of India and South Asia

ARS 394 Topic: Egyptian Art and Culture

Upper Division **ARS Elective**	C	9

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Art (Sculpture), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAARTSBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Lower Division Concentration Requirements		
ART 111 Foundation Drawing	C	3
ART 114 Expanded Arts Studio	C	3
ART 115 3D Design	C	3
ART 116 Introduction to Digital Media	C	3
ART 234 Modern Tactics in Craft and Sculptural Practices	C	3
Sculpture Core		
ART 231 Sculpture I	C	6
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		
ART 276 Introduction to Textiles		

School of Art Requirements and Electives

Requirement	Minimum Grade	Credit Hours
ARA 240 Encounters with Contemporary Art	C	3
2D Studio Art Elective	C	3
ART 121 Introduction to Photography I		
ART 122 Introduction to Photography II		
ART 203 Photography: Material Studies I		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 211 Drawing		
ART 214 Figure Drawing		
ART 215 Photography: Digital Compositing		
ART 223 Painting		
ART 227 Watercolor		
ART 253 Introduction to Printmaking		
OR		
3D Studio Art Elective		
ART 216 Contemporary Art in Practice: Methods, Making, Meaning		
ART 218 3D Tools		
ART 231 Sculpture I		
ART 235 3D Tools for Sculptors		
ART 261 Ceramic Survey		

Requirement	Minimum Grade	Credit Hours
ART 272 Introduction to Metals and Jewelry		
ART 274 Wood I		
ART 276 Introduction to Textiles		
Upper Division School of Art Elective		
ARA Elective	C	9
ARE Elective		
ARS Elective		
ART Elective		
ATP Elective		

Upper Division Concentration Requirements

ART 334 Contemporary Issues in Craft and Sculptural Practice	C	3
ART 430 Advanced Sculpture: Materials and Techniques	C	3
ART 434 Advanced Sculpture: Context and Content	C	3
ART 482 Senior Exhibitions/Portfolio	C	3
Upper Division Materials Technique	C	6
ART 331 Sculpture II		
ART 373 Form Emphasis in Metals		
ART 374 Wood II		

Requirement	Minimum Grade	Credit Hours
ART 376 Weaving and Dyeing		
Upper Division Materials Emphasis	C	15
ART 333 Foundry Casting Methods		
ART 372 Casting and Jewelry Techniques		
ART 373 Form Emphasis in Metals		
ART 374 Wood II		
ART 376 Weaving and Dyeing		
ART 377 Textile Design		
ART 378 Digital Textiles		
ART 394 Topic: Art Welding		
ART 424 Stop Motion Animation		
ART 432 Neon Sculpture		
ART 433 Foundry Casting Methods		
ART 435 Foundry Research Methods		
ART 436 Architectural Sculpture		
ART 438 Art with Arduino		
ART 472 Advanced Jewelry and Surface Techniques		
ART 473 Advanced Metals and Mechanisms		
ART 474 Advanced Wood		

Requirement	Minimum Grade	Credit Hours
ART 476 Advanced Textile Construction		
ART 494 Topic: Illumination Studio		
ART 494 Topic: Textiles + Site: Body/Architecture/Land		
ART 494 Topic: Public Art and Activism		
ART 494 Topic: Textiles And Social Justice		

Art History Requirements

ARS 101 Art from Prehistory Through Middle Ages (HUAD)	C	3
ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 201 Art of Asia (GCSI) OR **ARS 202 Art of Africa, Oceania, and the Americas (GCSI)**	C	3
Upper Division **ARS Elective**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ARA 101 ASU: The Art Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Costume Design and Technology for the Creative Industries, BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HICOSBFA
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Lower Division Major Core		
COS 115 Survey of Costume	C	3
COS 214 Global Culture and Dress	C	3
COS 235 Illustration for Costume	C	3
COS 236 Costume Design I	C	3
COS 280 Production Practices	C	3
COS 284 Introductory Costume Crew Practicum	C	2
FSH 122 Apparel Construction I	C	3
FSH 135 Foundations in Fashion Design Communications	C	3
FSH 200 Textiles Science Lab (SCIT) **AND** **FSH 201 Textiles Science (SCIT)**	C	4
FSH 204 Social Aspects of Fashion (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
FSH 206 Flat Patternmaking I	C	3
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3
FSH 222 Apparel Construction II	C	3

Upper Division Major Core

COS 317 Costume Sourcing	C	3
COS 335 Costume in Concept	C	3
COS 336 Costume Design II	C	3
COS 342 Costume Materials and Techniques	C	3
COS 380 Production Management	C	3
COS 396 Professional Practices for Costume	C	1
COS 424 Tailoring and Alterations	C	3
COS 484 Internship OR COS 485 Reflections on Experiential Learning	C	2
THE 430 History of Fashion I (HUAD)	C	3
THE 431 History of Fashion II: 20th-Century Fashion (HUAD)	C	3
Upper Division COS Elective	C	3

Culminating Experience

Requirement	Minimum Grade	Credit Hours
COS 397 Costume Capstone Development	C	1
COS 495 Costume Capstone Students will enroll in the capstone course twice.	C	6
COS 481 Senior Portfolio for Costume	C	3

Costume Related Studies

COS Elective OR **FMP Elective** OR **FMS Elective** OR **FSH Elective** OR **THE Elective** OR **THP Elective**	C	6
Upper Division **COS Elective** OR Upper Division **FMP Elective** OR Upper Division **FMS Elective** OR Upper Division **FSH Elective** OR Upper Division **THE Elective** OR Upper Division **THP Elective**	C	6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students able to pursue opportunities with a local union, such as Motion Picture Costumers IATSE Local 705, Costume Designers IATSE Local 892, or Theatrical Wardrobe Union Local 768, should replace COS 495 Capstone with COS 484 Internship (practical experience) hours needed for union admittance.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Dance, BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FADANBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
DCE 132 First-Year Dance Techniques	C	6
DCE 136 Introduction to Somatic Movement OR **DCE 236 Somatic Movement Applications: A Closer Look**	C	2
DCE 160 Creative Practices I	C	3
DCE 161 Creative Practices II	C	3
DCE 201 Dance, Culture, and Global Contexts (GCSI)	C	3
DCE 205 How Dance Matters: A Sociocultural Framing (HUAD)	C	3
DCE 226 Musical and Kinesthetic Communication in Dance	C	2
DCE 240 Media for Dance (QTRS)	C	3
DCE 260 Creative Practices III	C	3
DCE 261 Creative Practices IV	C	3
DCE 300 Dancing Histories (HUAD) OR **DCE 302 History of American Hip Hop Dance (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
OR **DCE 306 History of Salsa: Afro-Latin Social and Global Contexts (HUAD)**		
DCE 301 Dance Analysis and Theory (HUAD) OR **DCE 402 Ethnography of Dance Practices (HUAD)** OR **DCE 403 Making. Living. Thriving Through the Arts**	C	3
DCE 303 The Body Condition(ed) (SOBE)	C	3
DCE 305 Dance, Health and Wellness (HUAD)	C	3
DCE 333 Hip Hop III OR **DCE 334 Contemporary Modern III** OR **DCE 335 Contemporary Ballet III** OR **DCE 339 Afro-Latin Salsa III**	C	3
DCE 354 Creative Approaches to Teaching Dance I	C	3
DCE 356 Creative Approaches to Teaching Dance II	C	3
DCE 360 Creative Practices V	C	3
DCE 361 Creative Practices VI	C	3
DCE 404 Dance and Ethics (CIVI)	C	3
DCE 460 Transitions I	C	2
DCE 461 Transitions II	C	2
Upper Division **DCE Elective** OR **DCE 484 Internship**		2
Lower Division Personal Movement Practice	C	12

Requirement	Minimum Grade	Credit Hours
DCE 133 Hip Hop I		
DCE 134 Contemporary Modern I		
DCE 135 Contemporary Ballet I		
DCE 136 Introduction to Somatic Movement		
DCE 139 Afro-Latin Salsa I		
DCE 233 Hip Hop II		
DCE 234 Contemporary Modern II		
DCE 235 Contemporary Ballet II		
DCE 236 Somatic Movement Applications: A Closer Look		
DCE 238 Hip Hop Ensemble		
DCE 239 Afro-Latin Salsa II		
Upper Division Personal Movement Practice		
DCE 333 Hip Hop III		
DCE 334 Contemporary Modern III		
DCE 335 Contemporary Ballet III		
DCE 336 Somatic Movement Development and Facilitation		
DCE 339 Afro-Latin Salsa III		
		9

Requirement	Minimum Grade	Credit Hours
Each Personal Movement level must be taken twice before moving to the next level.		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DCE 170 First-Year Seminar I	C	2

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Dance (Dance Education), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: FADANEBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
DCE 132 First-Year Dance Techniques	C	6
DCE 136 Introduction to Somatic Movement OR **DCE 236 Somatic Movement Applications: A Closer Look**	C	2
DCE 160 Creative Practices I	C	3
DCE 161 Creative Practices II	C	3
DCE 201 Dance, Culture, and Global Contexts (GCSI)	C	3
DCE 205 How Dance Matters: A Sociocultural Framing (HUAD)	C	3
DCE 226 Musical and Kinesthetic Communication in Dance	C	2
DCE 240 Media for Dance (QTRS)	C	3
DCE 260 Creative Practices III	C	3
DCE 261 Creative Practices IV	C	3
DCE 300 Dancing Histories (HUAD)	C	3
DCE 305 Dance, Health and Wellness (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
DCE 336 Somatic Movement Development and Facilitation	C	3
DCE 354 Creative Approaches to Teaching Dance I	C	3
DCE 356 Creative Approaches to Teaching Dance II	C	3
DCE 360 Creative Practices V	C	3
DCE 404 Dance and Ethics (CIVI)	C	3
Lower Division Personal Movement Practice		
DCE 133 Hip Hop I	C	10
DCE 134 Contemporary Modern I		
DCE 135 Contemporary Ballet I		
DCE 136 Introduction to Somatic Movement		
DCE 139 Afro-Latin Salsa I		
DCE 233 Hip Hop II		
DCE 234 Contemporary Modern II		
DCE 235 Contemporary Ballet II		
DCE 236 Somatic Movement Applications: A Closer Look		
DCE 238 Hip Hop Ensemble		
DCE 239 Afro-Latin Salsa II		
Upper Division Personal Movement Practice	C	6
DCE 333 Hip Hop III		

Requirement	Minimum Grade	Credit Hours
DCE 334 Contemporary Modern III		
DCE 335 Contemporary Ballet III		
DCE 336 Somatic Movement Development and Facilitation		
DCE 339 Afro-Latin Salsa III		

Each Personal Movement level must be taken twice before moving to the next level.

Education Courses

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
DCE 357 Teaching Internship	C	2
DCE 450 Dance Education Seminar		1
DCE 484 Internship	C	11
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DCE 170 First-Year Seminar I	C	2

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Environmental Design, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Herberger Institute for Design and the Arts
Plan Code: HIEDSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
ALA 100 Introduction to Environmental Design (HUAD)	C	3
ALA 102 Landscapes and Sustainability (SUST)	C	3
ALA 121 Design Fundamentals I	C	3
ALA 122 Design Fundamentals II	C	3
EDS 200 Design Literacy and Communication	C	3
EDS 201 Fundamentals of Sustainability in Design	C	3
EDS 223 Design Thinking	C	3
EDS 301 Sustainable Community Design and Practices (SUST)	C	3
EDS 302 Design Inquiry and Undergraduate Research	C	3
EDS 401 Environmental Design Synthesis I	C	3
EDS 402 Environmental Design Synthesis II	C	3
LAP 231 Introduction to Digital Applications for Designers (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
LAP 311 History of Landscape Architecture (HUAD) OR LAP 312 20th-Century Landscape Architecture	C	3
LAP 332 GIS Applications in Environmental Design	C	3
LAP 352 Ecosystems and Sustainable Design	C	3
Upper Division Design History Elective	C	3
APH 494 Topic: The Image of Rome		
APH 494 Topic: Frank Lloyd Wright		
APH 494 Topic: Peter Zumthor		
ARC 330 World and Western Architecture for Nonmajors or ARC 331 World and Western Architecture I		
ARC 332 World and Western Architecture II		
ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)		
ARC 434 Great Cities (HUAD)		
ARC 436 Charles and Ray Eames		
IND 316 20th-Century Design I (HUAD)		
IND 317 20th-Century Design II (HUAD)		
INT 310 History of Interior Design I (HUAD)		

INT 311 History of Interior Design II (HUAD)

INT 415 Latin American Design (GCSI)

INT 494 Topic: Design and Context

INT 494 Topic: Contemporary Design Issues in Europe

LAP 311 History of Landscape Architecture (HUAD)
or LAP 312 20th-Century Landscape Architecture

LAP 485 International Field Studies

Sustainability Electives	C	6

ABS 225 Soils

ABS 260 Fundamentals of Sustainable Horticulture

ABS 270 Sustainable Biological Systems (SUST)

ABS 363 Sustainable Landscape Practice

ABS 381 Natural Resources Policy

ABS 479 Ecosystem Management and Planning

AGB 250 Economics of Resource Allocation: Food and Agriculture

AGB 414 Food and Agribusiness Policy Issues

AGB 452 Global Food and Agricultural Trade

ASB 100 Introduction to Global Health (GCSI)

ASB 222 Buried Cities and Lost Tribes (HUAD)

ASM 104 Bones, Stones, and Human Evolution (SCIT)

BIO 100 The Living World (SCIT)

BIO 130 Introduction to Environmental Science (SCIT)

CHM 107 Chemistry and Society (SCIT)

CON 101 Construction and Culture: a Built Environment (HUAD)

CRD 301 Sustainable Communities (SUST)

CRD 302 Inclusive Community Development (SOBE)

ENV 201 Fundamentals of Environmental Science (SUST)

ENV 410 Soil Science

FSE 181 Technological, Social, and Sustainable Systems (SUST)

GCU 441 Economic Geography

GLG 101 Introduction to Geology I (Physical) (SCIT)

GLG 108 Water Planet (SCIT)

GLG 110 Dangerous World (SCIT)

GPH 210 Society and Environment

GPH 211 Landform Processes (SCIT)

HCI 311 Health Innovation: Foundational Concepts

HCI 412 Transforming Health Care: A Systems Perspective for Innovation

HCI 421 Health Care Policy: The Innovator's View (CIVI)

HCR 230 Culture and Health (GCSI)

HCR 336 Environmental Community Health

IAS 340 / PHI 320 Bioethics (HUAD)

IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)

IAS 409 Eco-Community Ethics

IND 243 Design for Ecology and Social Equity

ISS 450 Consumerism and Sustainable Development (SUST)

LSC 362 The Human Environment

LSC 388 Topic: Bee Ecology in Urban and Wild Habitats

NLM 410 Social Entrepreneurship

PHI 306 Applied Ethics (CIVI)

PHI 360 Business and Professional Ethics (HUAD)

PRM 340 Outdoor Survival

SES 106 Habitable Worlds (SCIT)

SGS 203 Contemporary Global Trends

SGS 303 Global Trends (GCSI)

SOS 100 Introduction to Sustainability (SUST)

SOS 110 Building a Sustainable World (SUST)

SOS 111 / PUP 190 Sustainable Cities (SUST)

SOS 320 Society and Sustainability (SOBE)

SOS 321 Policy and Governance in Sustainable Systems

SOS 323 Sustainable Urban Dynamics

SOS 324 Sustainable Energy Technology and Systems

SOS 325 The Economics of Sustainability

SOS 326 Sustainable Ecosystems

SOS 327 Sustainable Food and Farms

SOS 330 Sustaining the Commons (CIVI)

SOS 465 / PUP 465 Sustainable Urbanism

STS 101 Introduction to Science, Technology and Society (SOBE)

STS 110 Global Technology and Development

STS 235 Technology and Urban Systems

TDM 482 Sustainable Revenue Management

Upper Division Sustainability Electives	C	6

ABS 363 Sustainable Landscape Practice

ABS 381 Natural Resources Policy

ABS 479 Ecosystem Management and Planning

AGB 414 Food and Agribusiness Policy Issues

AGB 452 Global Food and Agricultural Trade

CRD 301 Sustainable Communities (SUST)

CRD 302 Inclusive Community Development (SOBE)

ENV 410 Soil Science

GCU 441 Economic Geography

HCI 311 Health Innovation: Foundational Concepts

HCI 412 Transforming Health Care: A Systems Perspective for Innovation

HCI 421 Health Care Policy: The Innovator's View (CIVI)

HCR 336 Environmental Community Health

IAS 340 / PHI 320 Bioethics (HUAD)

IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)

IAS 409 Eco-Community Ethics

ISS 450 Consumerism and Sustainable Development (SUST)

LSC 362 The Human Environment

LSC 388 Topic: Bee Ecology in Urban and Wild Habitats

NLM 410 Social Entrepreneurship

PHI 306 Applied Ethics (CIVI)

PHI 360 Business and Professional Ethics (HUAD)

PRM 340 Outdoor Survival

SGS 303 Global Trends (GCSI)

SOS 320 Society and Sustainability (SOBE)

SOS 321 Policy and Governance in Sustainable Systems

SOS 323 Sustainable Urban Dynamics

SOS 324 Sustainable Energy Technology and Systems

SOS 325 The Economics of Sustainability

SOS 326 Sustainable Ecosystems		
SOS 327 Sustainable Food and Farms		
SOS 330 Sustaining the Commons (CIVI)		
SOS 465 / PUP 465 Sustainable Urbanism		
TDM 482 Sustainable Revenue Management		
Environmental Electives	C	6
BIO 181 General Biology I (SCIT)		
BIO 182 General Biology II (SCIT)		
BIO 310 Special Problems and Techniques		
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 410 Techniques in Conservation Biology and Ecology		
BIO 412 Conservation in Practice		
BIO 422 Ecosystem Ecology		
BIO 474 Herpetology		
CHM 302 Environmental Chemistry		
ENV 130 Introduction to Environmental Science (SCIT)		
ENV 201 Fundamentals of Environmental Science (SUST)		
ENV 345 Spatial Analysis in the Environmental Sciences		

ENV 388 STEM Research Fundamentals

ENV 410 Soil Science

ENV 485 Environmental Impact Assessment (CIVI)

ENV 499 Individualized Instruction

ERM 201 Environmental Management

ERM 203 Environmental Regulations

IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)

IAS 409 / PHI 409 Eco-Community Ethics

LSC 434 Marine Ecology

MIC 443 The Microbial Universe **AND** MIC 444 The Microbial Universe Laboratory

PHI 310 Environmental Ethics (SUST)

Upper Division PLB Elective

Upper Division Environmental Electives	C	6

BIO 310 Special Problems and Techniques

BIO 370 Vertebrate Zoology

BIO 385 Comparative Invertebrate Zoology

BIO 410 Techniques in Conservation Biology and Ecology

BIO 412 Conservation in Practice

BIO 422 Ecosystem Ecology

BIO 474 Herpetology

CHM 302 Environmental Chemistry

ENV 345 Spatial Analysis in the Environmental Sciences

ENV 388 STEM Research Fundamentals

ENV 410 Soil Science

ENV 485 Environmental Impact Assessment (CIVI)

ENV 499 Individualized Instruction

IAS 407 / **PHI 407 Environmental Philosophy and Policy (SUST)**

IAS 409 / **PHI 409 Eco-Community Ethics**

LSC 434 Marine Ecology

MIC 443 The Microbial Universe **AND** **MIC 444 The Microbial Universe Laboratory**

PHI 310 Environmental Ethics (SUST)

Upper Division PLB Elective

Technology Electives C 6

ARC 494 Topic: Revit II

ARC 494 Topic: Revit I

CIS 105 Computer Applications and Information Technology (QTRS)

CTE 110 Introduction to Culture, Technology and Environment

DSC 494 Topic: Rhino

DSC 494 Topic: Grasshopper

GIS 202 Drones to Satellites: Observing Earth from Above (QTRS)

GIS 205 Geographic Information Science I (QTRS)

GIS 211 Geographic Information Science II (QTRS)

HST 280 History of Science, Technology and Innovation (GCSI)

IFT 100 Introduction to Information Technology

ISS 301 Integrated Social Science Research Methods

ISS 302 Scope of Social Science

POS 301 Empirical Political Inquiry (SOBE)

POS 316 American Political Institutions (AMIT)

POS 325 Public Policy Development (CIVI)

POS 485 Political Economy (SOBE)

STS 101 Introduction to Science, Technology and Society (SOBE)

STS 235 Technology and Urban Systems

STS 260 Politics of Science and Technology

STS 301 Research in Science and Technology Studies

STS 302 Philosophy of Science and Technology

STS 303 History of Modern Science and Technology (HUAD)

STS 304 Science, Technology and Society (SOBE)

STS 305 Science and Social Theory

STS 306 Social Effects of Science and Technology

STS 318 Science, Technology, and Government

STS 325 Science, Technology, and Public Policy

STS 328 Science, Technology, and Culture

STS 329 Technology in Developing Countries

STS 330 Information Technology and Artificial Intelligence

STS 331 Ethical Issues in Science and Technology

STS 332 Global Issues in Science and Technology

STS 364 Science, Technology, and National Security

Upper Division Technology Electives	C	6

ARC 494 Topic: Revit II

ARC 494 Topic: Revit I

DSC 494 Topic: Rhino

DSC 494 Topic: Grasshopper

ISS 301 Integrated Social Science Research Methods

ISS 302 Scope of Social Science

POS 301 Empirical Political Inquiry (SOBE)

POS 316 American Political Institutions (AMIT)

- POS 325 Public Policy Development (CIVI)
- POS 485 Political Economy (SOBE)
- STS 301 Research in Science and Technology Studies
- STS 302 Philosophy of Science and Technology
- STS 303 History of Modern Science and Technology (HUAD)
- STS 304 Science, Technology and Society (SOBE)
- STS 305 Science and Social Theory
- STS 306 Social Effects of Science and Technology
- STS 318 Science, Technology, and Government
- STS 325 Science, Technology, and Public Policy
- STS 328 Science, Technology, and Culture
- STS 329 Technology in Developing Countries
- STS 330 Information Technology and Artificial Intelligence
- STS 331 Ethical Issues in Science and Technology
- STS 332 Global Issues in Science and Technology
- STS 364 Science, Technology, and National Security

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DSC 100 ASU Design Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Fashion, BA - Fashion Business Management

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFSHBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Fashion Core		
FSH Elective **AND** Quantitative Reasoning (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)**	C	3
FSH 122 Apparel Construction I	C	3
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH 135 Foundations in Fashion Design Communications	C	3
FSH 158 Fundamentals of Technical Flat Sketching OR **FSH 203 Fashion Illustration I**	C	3
FSH 175 Merchandising Essentials	C	3
FSH 200 Textiles Science Lab (SCIT) **AND** **FSH 201 Textiles Science (SCIT)**	C	4
FSH 204 Social Aspects of Fashion (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
FSH 205 Fundamentals of Fashion Design OR FSH 206 Flat Patternmaking I	C	3
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH 396 Professional Practices for Fashion	C	1
FSH 435 Contemporary Fashion (HUAD)	C	3
FSH 484 Internship OR FSH 485 Reflections on Experiential Learning	C	3

Merchandising Concentration Requirements

FSH 275 Merchandising Applications	C	3
Upper Division Fashion Merchandising Elective	C	15

- FSH 326 Fashion Styling
- FSH 360 Sustainable Systems in Fashion (SUST)
- FSH 375 Fashion Branding Strategies
- FSH 380 Fashion Forecasting
- FSH 385 Fashion Visual Merchandising
- FSH 394 Topic: Fashion Entrepreneurship
- FSH 394 Topic: Merchandising Practice
- FSH 475 Communication Strategies for Fashion

Requirement	Minimum Grade	Credit Hours
FSH 480 Fashion Retail Development		
FSH 484 Internship		
FSH 485 Reflections on Experiential Learning		
FSH 194 Topic: Consumer Attitudes & Behaviors OR **Fashion Merchandising Elective**		
FSH 194 Topic: Consumer Attitudes & Behaviors	C	3
FSH 294 Topic: Trend Forecasting		
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: Fashion Entrepreneurship		
FSH 394 Topic: Merchandising Practice		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
FSH 484 Internship		
FSH 485 Reflections on Experiential Learning		

Requirement	Minimum Grade	Credit Hours
FSH 294 Topic: Trend Forecasting OR **Fashion Merchandising Elective** **FSH 194 Topic: Consumer Attitudes & Behaviors** **FSH 294 Topic: Trend Forecasting** **FSH 326 Fashion Styling** **FSH 360 Sustainable Systems in Fashion (SUST)** **FSH 375 Fashion Branding Strategies** **FSH 380 Fashion Forecasting** **FSH 385 Fashion Visual Merchandising** **FSH 394 Topic: Fashion Entrepreneurship** **FSH 394 Topic: Merchandising Practice** **FSH 475 Communication Strategies for Fashion** **FSH 480 Fashion Retail Development** **FSH 484 Internship** **FSH 485 Reflections on Experiential Learning**	C	3

Capstone

FSH 397 Fashion Capstone Development	C	1
FSH 495 Fashion Capstone	C	3

COM 225 Public Speaking and Presentations (CIVI)	C	3
Business Communication		
COM 250 Communication and the Workplace (SOBE)		
COM 259 Communication in Business and the Professions (CIVI)		
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM Elective	C	3
ENG 301 Writing for the Professions or ENG 302 Business Writing		
TWC 347 Written Communication for Managers		
TWC 401 Fundamentals of Technical Communication		
TWC Elective		
Upper Division Fashion Merchandising Business Related Elective	C	3
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: Fashion Entrepreneurship		
FSH 394 Topic: Merchandising Practice		

FSH 475 Communication Strategies for Fashion

FSH 480 Fashion Retail Development

FSH 484 Internship

FSH 485 Reflections on Experiential Learning

Business or Communication courses such as:

ACC Elective

COM Elective

ECN Elective

ENT Elective

FIN Elective

MCO Elective

MGT Elective

MKT Elective

OGL Elective

STP Elective

TWC Elective

Fashion History Related Elective	C	3

ARS 294 Topic: Jewelry Design and Character in Film

ARS 394 Topic: 20th Century American & European Jewelry Design

FSH 331 / ARS 331 18th- and 19th-Century European Jewelry Design

FSH 335 / **ARS 335 Fashion and Dress in Visual Culture**

FSH 394 Topic: Fashion from the Victorians to the Gilded Age

FSH 394 Topic: Fashion in the Gilded Age & Beyond

FSH 494 Topic: Fashion's Modernists & Post Modernists

FSH 494 Topic: Global Textiles and Fashion

THE 394 Topic: History of Underwear: Intimate Apparel

THE 430 History of Fashion I (HUAD)

THE 431 History of Fashion II: 20th-Century Fashion (HUAD)

Transferred courses related to fashion history such as costume history, fashion trends, or history of textiles, etc. may also apply towards this category.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Fashion, BA - Fashion Studies

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFSHBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Fashion Core		
FSH Elective **AND** Quantitative Reasoning (QTRS) **OR** **CIS 105 Computer Applications and Information Technology (QTRS)**	C	3
FSH 122 Apparel Construction I	C	3
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH 135 Foundations in Fashion Design Communications	C	3
FSH 158 Fundamentals of Technical Flat Sketching **OR** **FSH 203 Fashion Illustration I**	C	3
FSH 175 Merchandising Essentials	C	3
FSH 200 Textiles Science Lab (SCIT) **AND** **FSH 201 Textiles Science (SCIT)**	C	4
FSH 204 Social Aspects of Fashion (SOBE)	C	3
FSH 205 Fundamentals of Fashion Design **OR** **FSH 206 Flat Patternmaking I**	C	3

Requirement	Minimum Grade	Credit Hours
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH 396 Professional Practices for Fashion	C	1
FSH 435 Contemporary Fashion (HUAD)	C	3
FSH 484 Internship OR FSH 485 Reflections on Experiential Learning	C	3
Fashion History Related Elective	C	6

- ARS 294 Topic: Jewelry Design and Character in Film
- ARS 394 Topic: 20th Century American & European Jewelry Design
- FSH 331 / ARS 331 18th- and 19th-Century European Jewelry Design
- FSH 335 / ARS 335 Fashion and Dress in Visual Culture
- FSH 394 Topic: Fashion from the Victorians to the Gilded Age
- FSH 394 Topic: Fashion in the Gilded Age & Beyond
- FSH 494 Topic: Fashion's Modernists & Post Modernists
- FSH 494 Topic: Global Textiles and Fashion
- THE 394 Topic: History of Underwear: Intimate Apparel
- THE 430 History of Fashion I (HUAD)

Requirement	Minimum Grade	Credit Hours
THE 431 History of Fashion II: 20th-Century Fashion (HUAD)		
Fashion Business Merchandising Related Elective	C	3
FSH 155 Product Development Fundamentals		
FSH 158 Fundamentals of Technical Flat Sketching		
FSH 194 Topic: Consumer Attitudes & Behaviors		
FSH 275 Merchandising Applications		
FSH 294 Topic: Trend Forecasting		
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: AI in Fashion		
FSH 394 Topic: Fashion Case Studies		
FSH 394 Topic: Merchandising Practice		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
Business or Communication courses such as:		
ACC Elective		

Requirement	Minimum Grade	Credit Hours
COM Elective		
ECN Elective		
ENT Elective		
FIN Elective		
MCO Elective		
MGT Elective		
MKT Elective		
OGL Elective		
STP Elective		
TWC Elective		
Upper Division Fashion Business Merchandising Related Elective	C	3
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: AI in Fashion		
FSH 394 Topic: Fashion Case Studies		
FSH 394 Topic: Merchandising Practice		

Requirement	Minimum Grade	Credit Hours
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
Business or Communication courses such as:		
ACC Elective		
COM Elective		
ECN Elective		
ENT Elective		
FIN Elective		
MCO Elective		
MGT Elective		
MKT Elective		
OGL Elective		
STP Elective		
TWC Elective		
Upper Division **FSH Elective**	C	6
FSH Elective	C	3

Capstone

FSH 397 Fashion Capstone Development	C	1

Requirement	Minimum Grade	Credit Hours
FSH 495 Fashion Capstone	C	3
FSH 495 Fashion Capstone OR Upper Division **FSH Elective**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Fashion (Apparel Product Development), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFSHAPDBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement

Fashion Core

FSH 125 Survey of the Fashion Industry (HUAD)

FSH 152 Apparel Construction and Finishing Techniques

FSH 158 Fundamentals of Technical Flat Sketching

FSH 175 Merchandising Essentials

FSH 200 Textiles Science Lab (SCIT) **AND** **FSH 201 Textiles Science (SCIT)**

FSH 204 Social Aspects of Fashion (SOBE)

FSH 205 Fundamentals of Fashion Design

FSH 208 Creative Digital Literacy for the Fashion Industry

FSH 300 Global Fashion Industry (GCSI)

FSH 396 Professional Practices for Fashion

FSH 435 Contemporary Fashion (HUAD)

Requirement

THE 430 History of Fashion I (HUAD)
OR **THE 431 History of Fashion II: 20th-Century Fashion (HUAD)**

Fashion Business Management Related Elective

FSH 360 Sustainable Systems in Fashion (SUST)

FSH 380 Fashion Forecasting

FSH 484 Internship

FSH course with a Business/Merchandising focus (consult with an academic advisor)

Business or Communication courses such as:

ACC Elective

COM Elective

ECN Elective

ENT Elective

FIN Elective

MCO Elective

MGT Elective

MKT Elective

OGL Elective

STP Elective

TWC Elective

Requirement

Quantitative Reasoning (QTRS) **AND** **FSH Elective**

FSH 484 Internship
OR **FSH 485 Reflections on Experiential Learning**

Apparel Technical Design and Product Development

FSH 155 Product Development Fundamentals

FSH 256 Digital Patternmaking and Fit Analysis I
FSH 256 requires students to use Optitex software to complete their projects and assig
Students must use a PC/Windows based computer with sufficient memory and process
to run Optitex:
https://help.optitex.com/1382687/Content/Welcome/Desktop_Product_System_Require

FSH 258 Technical Design I

FSH 350 Apparel Product and Design Development I

FSH 356 Digital Patternmaking and Fit Analysis II
FSH 356 requires students to use Optitex software to complete their projects and assig
Students must use a PC/Windows based computer with sufficient memory and process
to run Optitex:
https://help.optitex.com/1382687/Content/Welcome/Desktop_Product_System_Require

FSH 365 Technical, Functional and Sustainable Textiles

FSH 370 Graphic and Print Development for Apparel

FSH 450 Apparel Product and Design Development II

Capstone

Requirement		
FSH 397 Fashion Capstone Development		
FSH 481 Senior Portfolio I		
FSH 482 Senior Portfolio II		
FSH 495 Fashion Capstone		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

HDA 101 ASU and Herberger Institute Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Fashion (Apparel Technical Design), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFSHATDBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Fashion Core		
FSH Elective **AND** Quantitative Reasoning (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)**	C	3
FSH 122 Apparel Construction I	C	3
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH 158 Fundamentals of Technical Flat Sketching	C	3
FSH 175 Merchandising Essentials	C	3
FSH 200 Textiles Science Lab (SCIT) **AND** **FSH 201 Textiles Science (SCIT)**	C	4
FSH 204 Social Aspects of Fashion (SOBE)	C	3
FSH 205 Fundamentals of Fashion Design OR **FSH 206 Flat Patternmaking I**	C	3
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3

Requirement	Minimum Grade	Credit Hours
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH 396 Professional Practices for Fashion	C	1
FSH 435 Contemporary Fashion (HUAD)	C	3
FSH 484 Internship OR FSH 485 Reflections on Experiential Learning	C	3
Fashion History Related Elective ARS 294 Topic: Jewelry Design and Character in Film ARS 394 Topic: 20th Century American & European Jewelry Design FSH 331 / ARS 331 18th- and 19th-Century European Jewelry Design FSH 335 / ARS 335 Fashion and Dress in Visual Culture FSH 394 Topic: Fashion from the Victorians to the Gilded Age FSH 394 Topic: Fashion in the Gilded Age & Beyond FSH 494 Topic: Fashion's Modernists & Post Modernists FSH 494 Topic: Global Textiles and Fashion THE 394 Topic: History of Underwear: Intimate Apparel THE 430 History of Fashion I (HUAD) THE 431 History of Fashion II: 20th-Century Fashion (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
Fashion Business Merchandising Elective	C	3
FSH 155 Product Development Fundamentals		
FSH 158 Fundamentals of Technical Flat Sketching		
FSH 194 Topic: Consumer Attitudes & Behaviors		
FSH 275 Merchandising Applications		
FSH 294 Topic: Trend Forecasting		
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: AI in Fashion		
FSH 394 Topic: Fashion Advertising		
FSH 394 Topic: Fashion Case Studies		
FSH 394 Topic: Merchandising Practice		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
Business or Communication courses such as:		
ACC Elective		
COM Elective		

Requirement	Minimum Grade	Credit Hours
ECN Elective		
ENT Elective		
FIN Elective		
MCO Elective		
MGT Elective		
MKT Elective		
OGL Elective		
STP Elective		
TWC Elective		
Upper Division Fashion Business Merchandising Elective	C	3
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: AI in Fashion		
FSH 394 Topic: Fashion Advertising		
FSH 394 Topic: Fashion Case Studies		
FSH 394 Topic: Merchandising Practice		

Requirement	Minimum Grade	Credit Hours
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
Business or Communication courses such as:		
ACC Elective		
COM Elective		
ECN Elective		
ENT Elective		
FIN Elective		
MCO Elective		
MGT Elective		
MKT Elective		
OGL Elective		
STP Elective		
TWC Elective		

Concentration Requirements

FSH 155 Product Development Fundamentals	C	3
FSH 256 Digital Patternmaking and Fit Analysis I	C	3
FSH 258 Technical Design I	C	3

Requirement	Minimum Grade	Credit Hours
FSH 356 Digital Patternmaking and Fit Analysis II	C	3
FSH 358 Technical Design II	C	3
FSH 456 Digital Patternmaking and Fit Analysis III	C	3
FSH 458 Technical Design III	C	3
Technical Design Elective **FSH 360 Sustainable Systems in Fashion (SUST)** **FSH 380 Fashion Forecasting** **FSH 394 Topic: 3D Fashion Design** **FSH 394 Topic: Apparel Computerized Production Systems** **FSH 494 Topic: Senior Portfolio I** **FSH 494 Topic: Senior Portfolio II** Transferred courses in digital grading and/or patterning, or coursework focused on Browzwear, Clo-3D, Gerberger, Lectra, Marvelous Designer, Tukatech, etc. softwares, may also apply towards this category.	C	3
Upper Division Technical Design Elective **FSH 360 Sustainable Systems in Fashion (SUST)** **FSH 380 Fashion Forecasting** **FSH 394 Topic: 3D Fashion Design** **FSH 394 Topic: Apparel Computerized Production**	C	6

Requirement	Minimum Grade	Credit Hours
Systems		
FSH 494 Topic: Senior Portfolio I		
FSH 494 Topic: Senior Portfolio II		
Transferred courses in digital grading and/or patterning, or coursework focused on Browzwear, Clo-3D, Gerberger, Lectra, Marvelous Designer, Tukatech, etc. softwares, may also apply towards this category.		

Capstone

FSH 397 Fashion Capstone Development	C	1
FSH 495 Fashion Capstone	C	6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

COM 225 is recommended to fulfill the general studies Governance and Civic Engagement (CIVI) requirement.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Fashion (Design), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFSHDBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Fashion Core		
FSH Elective **AND** Quantitative Reasoning (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)**	C	3
FSH 122 Apparel Construction I	C	3
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH 135 Foundations in Fashion Design Communications	C	3
FSH 175 Merchandising Essentials	C	3
FSH 203 Fashion Illustration I	C	3
FSH 200 Textiles Science Lab (SCIT) **AND** **FSH 201 Textiles Science (SCIT)**	C	4
FSH 204 Social Aspects of Fashion (SOBE)	C	3
FSH 206 Flat Patternmaking I	C	3
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3

Requirement	Minimum Grade	Credit Hours
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH 396 Professional Practices for Fashion	C	1
FSH 435 Contemporary Fashion (HUAD)	C	3
FSH 484 Internship	C	3
Fashion History Related Elective	C	3
ARS 294 Topic: Jewelry Design and Character in Film		
ARS 394 Topic: 20th Century American & European Jewelry Design		
FSH 331 / ARS 331 18th- and 19th-Century European Jewelry Design		
FSH 335 / ARS 335 Fashion and Dress in Visual Culture		
FSH 394 Topic: Fashion from the Victorians to the Gilded Age		
FSH 394 Topic: Fashion in the Gilded Age & Beyond		
FSH 494 Topic: Fashion's Modernists & Post Modernists		
FSH 494 Topic: Global Textiles and Fashion		
THE 394 Topic: History of Underwear: Intimate Apparel		
THE 430 History of Fashion I (HUAD)		
THE 431 History of Fashion II: 20th-Century Fashion (HUAD)		

Requirement	Minimum Grade	Credit Hours
Transferred courses related to fashion history such as costume history, fashion trends, or history of textiles, etc. may also apply towards this category.		
Fashion Merchandising Business Elective		
FSH 155 Product Development Fundamentals		
FSH 158 Fundamentals of Technical Flat Sketching		
FSH 194 Topic: Consumer Attitudes & Behaviors		
FSH 275 Merchandising Applications		
FSH 294 Topic: Trend Forecasting		
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)	C	3
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: Fashion Entrepreneurship		
FSH 394 Topic: Merchandising Practice		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		

Design Concentration Requirements

Requirement	Minimum Grade	Credit Hours
FSH 222 Apparel Construction II	C	3
FSH 303 Fashion Illustration II	C	3
FSH 306 Flat Patternmaking II	C	3
FSH 322 Apparel Construction III	C	3
FSH 323 Draping for Fashion Design	C	3
FSH 342 Materials and Techniques	C	3
Upper Division Fashion Design Elective **FSH 344 Fashion Design and Wearable Technology** **FSH 394 Topic: Sustainable Design Studio** **FSH 412 Power Play** **FSH 484 Internship** **FSH 494 Topic: Paris Fashion and Culture Experience** **FSH 494 Topic: Senior Portfolio I** Transferred courses in construction or design topics such as bridal/formal wear, alterations, footwear design, industrial sewing, knits, pattern drafting, tailoring, etc. may also apply towards this category.	C	9
Fashion Design Elective **FSH 155 Product Development Fundamentals** **FSH 158 Fundamentals of Technical Flat Sketching**	C	3

Requirement	Minimum Grade	Credit Hours
FSH 224 Accessories Design		
FSH 344 Fashion Design and Wearable Technology		
FSH 394 Topic: Sustainable Design Studio		
FSH 412 Power Play		
FSH 484 Internship		
FSH 494 Topic: Paris Fashion and Culture Experience		
FSH 494 Topic: Senior Portfolio I		
Transferred courses in construction or design topics such as bridal/formal wear, alterations, footwear design, industrial sewing, knits, pattern drafting, tailoring, etc. may also apply towards this category.		

Capstone

FSH 397 Fashion Capstone Development	C	1
FSH 477 Fashion Collection Development	C	3
FSH 495 Fashion Capstone	C	6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

COM 225 is recommended to fulfill the general studies Governance and Civic Engagement (CIVI) requirement.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Fashion (Merchandising), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFSHMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Fashion Core		
FSH 108 Digital Literacy for the Arts (QTRS) OR **ART 108 Digital Literacy for the Arts (QTRS)**	C	3
FSH 122 Apparel Construction I	C	3
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH 135 Foundations in Fashion Design Communications	C	3
FSH 158 Fundamentals of Technical Flat Sketching OR **FSH 203 Fashion Illustration I**	C	3
FSH 175 Merchandising Essentials	C	3
FSH 200 Textiles Science Lab (SCIT) AND **FSH 201 Textiles Science (SCIT)**	C	4
FSH 204 Social Aspects of Fashion (SOBE)	C	3
FSH 205 Fundamentals of Fashion Design OR **FSH 206 Flat Patternmaking I**	C	3

Requirement	Minimum Grade	Credit Hours
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH 396 Professional Practices for Fashion	C	1
FSH 435 Contemporary Fashion (HUAD)	C	3
FSH 484 Internship	C	3
History of Fashion Courses		
THE 430 History of Fashion I (HUAD)	C	3
THE 431 History of Fashion II: 20th-Century Fashion (HUAD)		
Fashion History Related Courses	C	3
ARS 294 Topic: Jewelry Design and Character in Film		
ARS 331 / FSH 331 18th- and 19th-Century European Jewelry Design		
ARS 394 Topic: 20th Century American & European Jewelry Design		
FSH 335 Fashion and Dress in Visual Culture		
FSH 494 Topic: Paris Fashion and Culture Experience		
THE 430 History of Fashion I (HUAD)		
THE 431 History of Fashion II: 20th-Century Fashion (HUAD)		

Requirement	Minimum Grade	Credit Hours
Transferred courses related to fashion history such as costume history, fashion trends, or history of textiles, etc. may also apply towards this category.		

Fashion Business Management Focus

FSH 275 Merchandising Applications	C	3
Business Communication Courses		
COM 225 Public Speaking and Presentations (CIVI)		
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM Elective	C	3
ENG 301 Writing for the Professions		
TWC 347 Written Communication for Managers		
TWC 401 Fundamentals of Technical Communication		
TWC Elective		
Upper Division Fashion Business Management Courses	C	15
FSH 304 Equity and Inclusion in Fashion		
FSH 326 Fashion Styling		
FSH 340 Fashion Entrepreneurship		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		

Requirement	Minimum Grade	Credit Hours
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: Merchandising Practice		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
FSH 484 Internship		

FSH 394: Merchandising Practice recommended.

Fashion Business Management Related Elective	C	3
FSH 155 Product Development Fundamentals		
FSH 158 Fundamentals of Technical Flat Sketching		
FSH 280 / **MKT 280 Fashion Merchandising**		
FSH 304 Equity and Inclusion in Fashion		
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
FSH 484 Internship		

Requirement	Minimum Grade	Credit Hours
Business or Communication courses such as:		
ACC Elective		
COM Elective		
ECN Elective		
ENT Elective		
FIN Elective		
MCO Elective		
MGT Elective		
MKT Elective		
OGL Elective		
STP Elective		
TWC Elective		
Upper Division Fashion Business Management Related Elective	C	3
FSH 304 Equity and Inclusion in Fashion		
FSH 326 Fashion Styling		
FSH 360 Sustainable Systems in Fashion (SUST)		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		

Requirement	Minimum Grade	Credit Hours
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
FSH 484 Internship		
Business or Communication courses such as:		
ACC Elective		
COM Elective		
ECN Elective		
ENT Elective		
FIN Elective		
MCO Elective		
MGT Elective		
MKT Elective		
OGL Elective		
STP Elective		
TWC Elective		

Capstone

FSH 397 Fashion Capstone Development	C	1
FSH 495 Fashion Capstone	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ARA 101 ASU: The Art Experience ARA 101 is required of first-year art majors only.	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Fashion Styling, AA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Associate of Arts, AA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFSHAA
Minimum credit hours: 60
Upper division minimum credit hours: 9

Requirement	Minimum Grade	Credit Hours
Fashion Core Courses		
FSH Elective **AND** Quantitative Reasoning (QTRS) **OR** **CIS 105 Computer Applications and Information Technology (QTRS)**	C	3
FSH 122 Apparel Construction I	C	3
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH 135 Foundations in Fashion Design Communications	C	3
FSH 175 Merchandising Essentials	C	3
FSH 205 Fundamentals of Fashion Design **OR** **FSH 206 Fashion Design I**	C	3
FSH 204 Social Aspects of Fashion (SOBE)	C	3
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH 435 Contemporary Fashion (HUAD) **OR** **THE 430 History of Fashion I (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
Fashion Styling Courses		
FSH 326 Fashion Styling	C	3
Fashion Styling Elective		
FSH 194 Topic: Consumer Attitudes & Behaviors	C	3
FSH 203 Fashion Illustration I		
FSH 294 Topic: Trend Forecasting		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 435 Contemporary Fashion (HUAD)		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		
FSH 484 Internship		
MKT Elective		
Transferred courses related to fashion styling, such as styling, marketing, branding, visual merchandising, retailing, etc. may also apply towards this category.		
ASU 101 or College-Specific First-Year Seminar		

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All associate degree students must fulfill university graduation requirements, including a minimum of 60 credit hours. https://catalog.asu.edu/associatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Film (Filmmaking Practices), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAFPRBA
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
FMP 180 Principles of Production Technology	C	3
FMP 205 Introduction to Post-Production	C	2
FMP 210 Principles of Creative Producing	C	3
FMP 245 Concepts of Cinematography	C	2
FMP 261 Principles of Screenwriting	C	3
FMP 280 Introduction to Film and Media Production	C	3
FMP 285 Portfolio Preparation and Review I	C	1
FMP 288 Understanding Ethics in Filmmaking	C	3
FMP 300 Short Film Production	C	3
FMP 360 The Filmmaker's Voice	C	3
FMP 380 Film Practicum OR **FMP 484 Internship**	C	1
FMP 385 Development of an Artist's Portfolio	C	2
FMP 388 Application of Ethical Filmmaking	C	3

Requirement	Minimum Grade	Credit Hours
FMP 397 Senior Thesis Development OR **FMP 398 Capstone I: Development**	C	3
FMP 485 Portfolio Preparation and Review II	C	1
FMP 495 Senior Thesis I OR **FMP 480 Capstone II: Production**	C	3
FMP 496 Senior Thesis II OR **FMP 481 Capstone III: Post-Production**	C	3
FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
THF 160 Introduction to Storytelling (HUAD)	C	3
Upper Division Entertainment Industry Elective **FMP 330 Professional and Technical Writing for Film/TV Industry** **FMP 335 Careers in Film and Media Industry** **FMP 411 Welcome to Hollywood** **FMP 417 Business and Legal Practices in Entertainment**	C	3
Film Elective Film Electives may be taken from any of the course lists below. Choose electives that will build skills for your desired career path. Cinematography Electives: **FMP 345 Cinematography I**	C	6

Requirement	Minimum Grade	Credit Hours
FMP 445 Cinematography II		
FMP 494 Topic: Advanced Camera Workshop		
Directing Electives:		
FMP 294 Topic: Directing for Television		
FMP 318 Directing for Film and Media I		
FMP 350 Directing for Documentary Media		
FMP 394 Topic: Acting and Directing in the Sound Studio		
FMP 418 Directing for Film and Media II		
FMP 494 Topic: Directing the Personal Documentary		
FMP 494 Topic: Film Director: Actor Collaboration Lab		
FMP 494 Topic: Performing in the Virtual		
THF 101 Acting Introduction		
Entertainment Industry Electives:		
FMP 330 Professional and Technical Writing for Film/TV Industry		
FMP 335 Careers in Film and Media Industry		
FMP 411 Welcome to Hollywood		
FMP 417 Business and Legal Practices in Entertainment		
General Film Electives:		

Requirement	Minimum Grade	Credit Hours
FMP 403 Independent Film (HUAD)		
FMP 405 Topic: Arnaz to Rodriguez: The Evolution of Storytelling		
FMP 405 Topic: Great Comedy Films		
FMP 405 Topic: Hitchcock		
FMP 405 Topic: Hollywood Rebels		
FMP 405 Topic: Sidney Poitier		
FMP 405 Topic: Spielberg/Lucas		
FMP 405 Topic: Social Movements in Black Cinema		
FMP 405 Topic: The Oscars		
Producing Electives:		
FMP 370 Producing for Film and Media		
FMP 475 Producing Series		
Production Electives:		
FMP 294 Topic: Youth Media Production		
FMP 394 Topic: Intermediate Documentary Production		
FMP 400 Advanced Short Film Production		
FMP 494 Topic: Commercial Media Production		
FMP 494 Topic: Video Production Lab		
Post-Production Electives:		

Requirement	Minimum Grade	Credit Hours
FMP 320 Film and Media Post-Production I		
FMP 325 Intermediate Visual Effects Compositing		
FMP 420 Film and Media Post-Production II		
FMP 494 Topic: Advanced VFX		
Screenwriting Electives:		
FMP 361 Writing the Short Film		
FMP 365 Developing a Series		
FMP 460 Feature Writing Workshop I		
FMP 462 Feature Writing Workshop II		
Sound Electives:		
FMP 194 Topic: Sound Aesthetics in Film and Media		
FMP 294 Topic: Production Sound: On Set Audio		
FMP 294 Topic: Recordings in Post (ADR, Foley and Field)		
FMP 294 Topic: Pro Tools: Post-Production		
FMP 315 Sound Design for Film and Media I		
FMP 394 Topic: Pro Tools: Mixing Techniques		
FMP 415 Sound Design for Film and Media II		
FMP 494 Topic: Sound Mixing for Film and Media		
Upper Division Film Elective	C	21

Requirement	Minimum Grade	Credit Hours
Film Electives may be taken from any of the course lists below. Choose electives that will build skills for your desired career path.		
Cinematography Electives:		
FMP 345 Cinematography I		
FMP 445 Cinematography II		
FMP 494 Topic: Advanced Camera Workshop		
Directing Electives:		
FMP 318 Directing for Film and Media I		
FMP 350 Directing for Documentary Media		
FMP 394 Topic: Acting and Directing in the Sound Studio		
FMP 418 Directing for Film and Media II		
FMP 494 Topic: Directing the Personal Documentary		
FMP 494 Topic: Film Director: Actor Collaboration Lab		
FMP 494 Topic: Performing in the Virtual		
Entertainment Industry Electives:		
FMP 330 Professional and Technical Writing for Film/TV Industry		
FMP 335 Careers in Film and Media Industry		
FMP 411 Welcome to Hollywood		

Requirement	Minimum Grade	Credit Hours
FMP 417 Business and Legal Practices in Entertainment		
General Film Electives:		
FMP 403 Independent Film (HUAD)		
FMP 405 Topic: Arnaz to Rodriguez: The Evolution of Storytelling		
FMP 405 Topic: Great Comedy Films		
FMP 405 Topic: Hitchcock		
FMP 405 Topic: Hollywood Rebels		
FMP 405 Topic: Sidney Poitier		
FMP 405 Topic: Spielberg/Lucas		
FMP 405 Topic: Social Movements in Black Cinema		
FMP 405 Topic: The Oscars		
Producing Electives:		
FMP 370 Producing for Film and Media		
FMP 475 Producing Series		
Production Electives:		
FMP 394 Topic: Intermediate Documentary Production		
FMP 400 Advanced Short Film Production		
FMP 494 Topic: Commercial Media Production		
FMP 494 Topic: Video Production Lab		

Requirement	Minimum Grade	Credit Hours
Post-Production Electives:		
FMP 320 Film and Media Post-Production I		
FMP 325 Intermediate Visual Effects Compositing		
FMP 420 Film and Media Post-Production II		
FMP 494 Topic: Advanced VFX		
Screenwriting Electives:		
FMP 361 Writing the Short Film		
FMP 365 Developing a Series		
FMP 460 Feature Writing Workshop I		
FMP 462 Feature Writing Workshop II		
Sound Electives:		
FMP 315 Sound Design for Film and Media I		
FMP 394 Topic: Pro Tools: Mixing Techniques		
FMP 415 Sound Design for Film and Media II		
FMP 494 Topic: Sound Mixing for Film and Media		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FMP 101 Orientation to Film	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Film and Media Production, BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFMPBFA
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Major Courses		
FMP 180 Principles of Production Technology	C	3
FMP 205 Introduction to Post-Production	C	2
FMP 210 Principles of Creative Producing	C	3
FMP 245 Concepts of Cinematography	C	2
FMP 261 Principles of Screenwriting	C	3
FMP 280 Introduction to Film and Media Production	C	3
FMP 285 Portfolio Preparation and Review I	C	1
FMP 288 Understanding Ethics in Filmmaking	C	3
FMP 300 Short Film Production	C	3
FMP 360 The Filmmaker's Voice	C	3
FMP 380 Film Practicum OR **FMP 484 Internship**	C	1

Requirement	Minimum Grade	Credit Hours
FMP 385 Development of an Artist's Portfolio	C	2
FMP 388 Application of Ethical Filmmaking	C	3
FMP 398 Capstone I: Development	C	3
FMP 480 Capstone II: Production	C	3
FMP 481 Capstone III: Post-Production	C	3
FMP 485 Portfolio Preparation and Review II	C	1
FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
THF 160 Introduction to Storytelling (HUAD)	C	3
Upper Division Entertainment Industry Elective FMP 330 Professional and Technical Writing for Film/TV Industry FMP 335 Careers in Film and Media Industry FMP 411 Welcome to Hollywood FMP 417 Business and Legal Practices in Entertainment	C	3
Film Elective Film Electives may be taken from any of the course lists below. Choose electives that will build skills for your desired career path. Cinematography Electives: FMP 345 Cinematography I	C	6

Requirement	Minimum Grade	Credit Hours
FMP 445 Cinematography II		
FMP 494 Topic: Advanced Camera Workshop		
Directing Electives:		
FMP 294 Topic: Directing for Television		
FMP 318 Directing for Film and Media I		
FMP 350 Directing for Documentary Media		
FMP 394 Topic: Acting and Directing in the Sound Studio		
FMP 418 Directing for Film and Media II		
FMP 494 Topic: Directing the Personal Documentary		
FMP 494 Topic: Film Director: Actor Collaboration Lab		
FMP 494 Topic: Performing in the Virtual		
THF 101 Acting Introduction		
Entertainment Industry Electives:		
FMP 330 Professional and Technical Writing for Film/TV Industry		
FMP 335 Careers in Film and Media Industry		
FMP 411 Welcome to Hollywood		
FMP 417 Business and Legal Practices in Entertainment		
General Film Electives:		

Requirement	Minimum Grade	Credit Hours
FMP 403 Independent Film (HUAD)		
FMP 405 Topic: Arnaz to Rodriguez: The Evolution of Storytelling		
FMP 405 Topic: Great Comedy Films		
FMP 405 Topic: Hitchcock		
FMP 405 Topic: Hollywood Rebels		
FMP 405 Topic: Sidney Poitier		
FMP 405 Topic: Spielberg/Lucas		
FMP 405 Topic: The Oscars		
FMP 405 Topic: Social Movements in Black Cinema		
Producing Electives:		
FMP 370 Producing for Film and Media		
FMP 475 Producing Series		
Production Electives:		
FMP 294 Topic: Youth Media Production		
FMP 394 Topic: Intermediate Documentary Production		
FMP 400 Advanced Short Film Production		
FMP 494 Topic: Commercial Media Production		
FMP 494 Topic: Video Production Lab		
Post-Production Electives:		

Requirement	Minimum Grade	Credit Hours
FMP 215 Beginning Post-Production for Film and Television: Adobe Premiere Pro		
FMP 225 Principles of Visual Effects Compositing		
FMP 320 Film and Media Post-Production I		
FMP 325 Intermediate Visual Effects Compositing		
FMP 420 Film and Media Post-Production II		
FMP 494 Topic: Advanced VFX		
Screenwriting Electives:		
FMP 361 Writing the Short Film		
FMP 365 Developing a Series		
FMP 460 Feature Writing Workshop I		
FMP 462 Feature Writing Workshop II		
FMP 465 Series Writers Workshop		
Sound Electives:		
FMP 194 Topic: Sound Aesthetics in Film and Media		
FMP 294 Topic: Production Sound: On Set Audio		
FMP 294 Topic: Recordings in Post (ADR, Foley and Field)		
FMP 294 Topic: Pro Tools: Production		
FMP 315 Sound Design for Film and Media I		
FMP 394 Topic: Pro Tools: Mixing Techniques		

Requirement	Minimum Grade	Credit Hours
FMP 415 Sound Design for Film and Media II		
FMP 494 Topic: Sound Mixing for Film and Media		
Upper Division Film Elective	C	21
Film Electives may be taken from any of the course lists below. Choose electives that will build skills for your desired career path.		
Cinematography Electives:		
FMP 345 Cinematography I		
FMP 445 Cinematography II		
FMP 494 Topic: Advanced Camera Workshop		
Directing Electives:		
FMP 318 Directing for Film and Media I		
FMP 350 Directing for Documentary Media		
FMP 394 Topic: Acting and Directing in the Sound Studio		
FMP 418 Directing for Film and Media II		
FMP 494 Topic: Directing the Personal Documentary		
FMP 494 Topic: Film Director: Actor Collaboration Lab		
FMP 494 Topic: Performing in the Virtual		
Entertainment Industry Electives:		

Requirement	Minimum Grade	Credit Hours
FMP 330 Professional and Technical Writing for Film/TV Industry		
FMP 335 Careers in Film and Media Industry		
FMP 411 Welcome to Hollywood		
FMP 417 Business and Legal Practices in Entertainment		
General Film Electives:		
FMP 403 Independent Film (HUAD)		
FMP 405 Topic: Arnaz to Rodriguez: The Evolution of Storytelling		
FMP 405 Topic: Great Comedy Films		
FMP 405 Topic: Hitchcock		
FMP 405 Topic: Hollywood Rebels		
FMP 405 Topic: Sidney Poitier		
FMP 405 Topic: Spielberg/Lucas		
FMP 405 Topic: The Oscars		
FMP 405 Topic: Social Movements in Black Cinema		
Producing Electives:		
FMP 370 Producing for Film and Media		
FMP 475 Producing Series		
Production Electives:		

Requirement	Minimum Grade	Credit Hours
FMP 394 Topic: Intermediate Documentary Production		
FMP 400 Advanced Short Film Production		
FMP 494 Topic: Commercial Media Production		
FMP 494 Topic: Video Production Lab		
Post-Production Electives:		
FMP 320 Film and Media Post-Production I		
FMP 325 Intermediate Visual Effects Compositing		
FMP 420 Film and Media Post-Production II		
FMP 494 Topic: Advanced VFX		
Screenwriting Electives:		
FMP 361 Writing the Short Film		
FMP 365 Developing a Series		
FMP 460 Feature Writing Workshop I		
FMP 462 Feature Writing Workshop II		
FMP 465 Series Writers Workshop		
Sound Electives:		
FMP 315 Sound Design for Film and Media I		
FMP 394 Topic: Pro Tools: Mixing Techniques		
FMP 415 Sound Design for Film and Media II		
FMP 494 Topic: Sound Mixing for Film and Media		

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
FMP 101 Orientation to Film	C	1
First-Year Composition		
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Film and Media Production (Cinematography), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFMPCBFA
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Film Major		
FMP 180 Principles of Production Technology	C	3
FMP 205 Introduction to Post-Production	C	2
FMP 210 Principles of Creative Producing	C	3
FMP 225 Principles of Visual Effects Compositing	C	3
FMP 245 Concepts of Cinematography	C	2
FMP 261 Principles of Screenwriting	C	3
FMP 280 Introduction to Film and Media Production	C	3
FMP 285 Portfolio Preparation and Review I	C	1
FMP 288 Understanding Ethics in Filmmaking	C	3
FMP 300 Short Film Production	C	3
FMP 345 Cinematography I	C	3

Requirement	Minimum Grade	Credit Hours
FMP 346 Cinematography Aesthetics and Theory	C	3
FMP 360 The Filmmaker's Voice	C	3
FMP 380 Film Practicum OR FMP 484 Internship	C	1
FMP 385 Development of an Artist's Portfolio	C	2
FMP 388 Application of Ethical Filmmaking	C	3
FMP 401 Senior Practicum	C	3
FMP 445 Cinematography II	C	3
FMP 446 Cinematography III	C	3
FMP 447 Advanced and Emerging Topics in Cinematography	C	3
FMP 485 Portfolio Preparation and Review II	C	1
FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
THF 160 Introduction to Storytelling (HUAD)	C	3
Capstone requires three semesters to complete (FMP 398, FMP 480, and FMP 481). It cannot be condensed into 2 semesters.		
FMP 398 Capstone I: Development	C	3
FMP 480 Capstone II: Production	C	3
FMP 481 Capstone III: Post-Production	C	3

Requirement	Minimum Grade	Credit Hours
Film Concentration Electives		
Upper Division Film Elective		
FMP 403 Independent Film (HUAD)	C	6
FMP 405 Topic: Arnaz to Rodriguez: The Evolution of Storytelling		
FMP 405 Topic: Great Comedy Films		
FMP 405 Topic: Hitchcock		
FMP 405 Topic: Hollywood Rebels		
FMP 405 Topic: Sidney Poitier		
FMP 405 Topic: Social Movements in Black Cinema		
FMP 405 Topic: Spielberg/Lucas		
FMP 405 Topic: The Oscars		
FMP 494 Topic: Advanced Camera Workshop		
Upper Division Entertainment Industry Elective		
FMP 330 Professional and Technical Writing for Film/TV Industry	C	3
FMP 335 Careers in Film and Media Industry		
FMP 411 Welcome to Hollywood		
FMP 417 Business and Legal Practices in Entertainment		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
FMP 101 Orientation to Film FMP 101 is not required for transfer students. Transfer students will complete one additional hour of elective credit instead.	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

It is suggested to complete at least one semester in Los Angeles. See your advisor for more information.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Film and Media Production (Directing), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFMPDBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Film Major		
FMP 180 Principles of Production Technology	C	3
FMP 205 Introduction to Post-Production	C	2
FMP 210 Principles of Creative Producing	C	3
FMP 245 Concepts of Cinematography	C	2
FMP 261 Principles of Screenwriting	C	3
FMP 280 Introduction to Film and Media Production	C	3
FMP 285 Portfolio Preparation and Review I	C	1
FMP 288 Understanding Ethics in Filmmaking	C	3
FMP 300 Short Film Production	C	3
FMP 360 The Filmmaker's Voice	C	3
FMP 380 Film Practicum	C	1

Requirement	Minimum Grade	Credit Hours
OR **FMP 484 Internship**		
FMP 385 Development of an Artist's Portfolio	C	2
FMP 388 Application of Ethical Filmmaking	C	3
Capstone requires three semesters to complete (FMP 398, FMP 480, and FMP 481). It cannot be condensed into two semesters.		
FMP 398 Capstone I: Development	C	3
FMP 480 Capstone II: Production	C	3
FMP 481 Capstone III: Post-Production	C	3
FMP 485 Portfolio Preparation and Review II	C	1
FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
THF 160 Introduction to Storytelling (HUAD)	C	3
Entertainment Industry Elective **FMP 330 Professional and Technical Writing for Film/TV Industry** **FMP 335 Careers in Film and Media Industry** **FMP 411 Welcome to Hollywood** **FMP 417 Business and Legal Practices in Entertainment**	C	6
Upper Division Entertainment Industry Elective	C	3

Requirement	Minimum Grade	Credit Hours
FMP 330 Professional and Technical Writing for Film/TV Industry		
FMP 335 Careers in Film and Media Industry		
FMP 411 Welcome to Hollywood		
FMP 417 Business and Legal Practices in Entertainment		

Directing Concentration Courses

FMP 318 Directing for Film and Media I	C	3
FMP 345 Cinematography I	C	3
FMP 350 Directing for Documentary Media OR FMP 494 Topic: Directing the Personal Documentary	C	3
FMP 361 Writing the Short Film	C	3
FMP 418 Directing for Film and Media II	C	3
FMP 468 Directing for Film and Media III	C	3
THF 101 Acting Introduction	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FMP 101 Orientation to Film	C	1

FMP 101 is not required for transfer students. Transfer students will complete one additional hour of elective credit instead.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition			
OR	**ENG 105 Advanced First-Year Composition**	C	6
OR	**ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Directing students are recommended to take a post-production, sound, cinematography, or screenwriting course to continue rounding out their expertise as directors.

It is suggested to complete at least one semester in Los Angeles. See your advisor for more information.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Film and Media Production (Post-Production), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFMPPBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Film Major Courses		
FMP 180 Principles of Production Technology	C	3
FMP 205 Introduction to Post-Production	C	2
FMP 210 Principles of Creative Producing	C	3
FMP 245 Concepts of Cinematography	C	2
FMP 261 Principles of Screenwriting	C	3
FMP 280 Introduction to Film and Media Production	C	3
FMP 285 Portfolio Preparation and Review I	C	1
FMP 288 Understanding Ethics in Filmmaking	C	3
FMP 300 Short Film Production	C	3
FMP 360 The Filmmaker's Voice	C	3
FMP 380 Film Practicum	C	1

Requirement	Minimum Grade	Credit Hours
OR **FMP 484 Internship**		
FMP 385 Development of an Artist's Portfolio	C	2
FMP 388 Application of Ethical Filmmaking	C	3
Capstone requires three semesters to complete (FMP 398, FMP 480, and FMP 481). It cannot be condensed into two semesters.		
FMP 398 Capstone I: Development	C	3
FMP 480 Capstone II: Production	C	3
FMP 481 Capstone III: Post-Production	C	3
FMP 485 Portfolio Preparation and Review II	C	1
FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
THF 160 Introduction to Storytelling (HUAD)	C	3
Entertainment Industry Elective **FMP 330 Professional and Technical Writing for Film/TV Industry** **FMP 335 Careers in Film and Media Industry** **FMP 411 Welcome to Hollywood** **FMP 417 Business and Legal Practices in Entertainment**	C	9

Post-Production Concentration Courses

Requirement	Minimum Grade	Credit Hours
FMP 225 Principles of Visual Effects Compositing	C	3
FMP 320 Film and Media Post-Production I	C	3
FMP 325 Intermediate Visual Effects Compositing	C	3
FMP 401 Senior Practicum Students will enroll in FMP 401 twice, for three credits each time.	C	6
FMP 420 Film and Media Post-Production II	C	3
FMP 471 Film and Media Post-Production III OR **FMP 494 Topic: Advanced VFX**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FMP 101 Orientation to Film FMP 101 is not required for transfer students. Transfer students will complete one additional hour of elective credit instead.	C	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

It is suggested to complete at least one semester in Los Angeles. See your advisor for more information.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Film and Media Production (Screenwriting), BFA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Fine Arts, BFA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIFMPSBFA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Film Major		
FMP 180 Principles of Production Technology	C	3
FMP 205 Introduction to Post-Production	C	2
FMP 210 Principles of Creative Producing	C	3
FMP 245 Concepts of Cinematography	C	2
FMP 261 Principles of Screenwriting	C	3
FMP 280 Introduction to Film and Media Production	C	3
FMP 285 Portfolio Preparation and Review I	C	1
FMP 288 Understanding Ethics in Filmmaking	C	3
FMP 300 Short Film Production	C	3
FMP 310 Writing for Genre OR **FMP 361 Writing the Short Film**	C	6

Requirement	Minimum Grade	Credit Hours
FMP 360 The Filmmaker's Voice	C	3
FMP 365 Developing a Series OR **FMP 460 Feature Writing Workshop I**	C	3
FMP 380 Film Practicum OR **FMP 484 Internship**	C	1
FMP 385 Development of an Artist's Portfolio	C	2
FMP 388 Application of Ethical Filmmaking	C	3
FMP 465 Series Writers Workshop OR **FMP 462 Feature Writing Workshop II**	C	3
FMP 485 Portfolio Preparation and Review II	C	1
Capstone requires three semesters to complete (FMP 398, FMP 480, and FMP 481). It cannot be condensed into two semesters.		
FMP 398 Capstone I: Development	C	3
FMP 480 Capstone II: Production	C	3
FMP 481 Capstone III: Post-Production	C	3
FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
THF 101 Acting Introduction	C	3
THF 160 Introduction to Storytelling (HUAD)	C	3
Upper Division Entertainment Industry Elective	C	9

Requirement	Minimum Grade	Credit Hours
FMP 330 Professional and Technical Writing for Film/TV Industry		
FMP 335 Careers in Film and Media Industry		
FMP 411 Welcome to Hollywood		
FMP 417 Business and Legal Practices in Entertainment		

Film Concentration Electives

Screenwriting Elective

ENG 210 Introduction to Creative Writing		
ENG 310 Intermediate Creative Writing		
FMS 309 Intermediate Screenwriting		
FMS 409 Advanced Screenwriting	C	6
FMS 411 Screenwriting Adaptation Studies		
THP 260 Introduction to Dramatic Writing		
THP 394 Topic: Writing for Horror, SciFi, and Fantasy		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FMP 101 Orientation to Film	C	1

FMP 101 is not required for transfer students. Transfer students will complete one additional hour of elective credit instead.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

It is suggested to complete at least one semester in Los Angeles. See your advisor for more information.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Game Design, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Herberger Institute for Design and the Arts
Plan Code: HIGMDESBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 160 Introduction to Game Design	C	3
AME 161 Game Engine Fundamentals	C	3
AME 162 Introduction to Game Production and Management	C	3
AME 165 Introduction to Game Studies	C	3
AME 210 Media Editing	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
AME 261 Visual Scripting in Game Engines	C	3
AME 365 People at Play (HUAD)	C	3
AME 367 Identity, Industry and Games	C	4
AME 465 Designing Play	C	3
Games Track (Development)	C	6
CPI 111 Game Development I (QTRS)		
CPI 211 Game Development II		

Requirement	Minimum Grade	Credit Hours
CPI 411 Graphics for Games or CPI 421 3-D Modeling and Texturing		
OR		
Games Track (Design)		
AME 394 Topic: Games UX Design and Research		
FMS 365 Video Games and Narrative		
GIT 211 3D Media Production or CPI 321 Fundamentals of Game Art		
IAP 220 Games, Culture and Aesthetics (GCSI)		
Games Track: It is recommended students choose courses from only the Development list or the Design list, but they may take courses from either list to fulfill the requirement.		
Digital Media Production Courses		
AME 220 Programming for the Web (QTRS)	C	6
AME 240 Introduction to Physical Computing		
AME 294 Topic: Intro to Blender and 3D Concepts		
MDC 211 Introduction to Digital Sound		
AME 434 Machine Learning for Media Arts	C	3
Upper Division Games Electives	C	18
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		

Requirement	Minimum Grade	Credit Hours
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Endless Games Studio Project		
AME 394 Topic: Intro to Esports Management		
AME 394 Topic: User Experience in Media Arts		
AME 411 Advanced Interactive Sound		
AME 430 Mac Development for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 484 Internship		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Digital Marketing and Consumers in Esports		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
AME 494 Topic: Writing for Games and AI		
CPI 321 Fundamentals of Game Art		
CPI 394 Topic: Game Studio		
CPI 411 Graphics for Games		
CPI 421 3-D Modeling and Texturing		

Requirement	Minimum Grade	Credit Hours
CPI 441 Gaming Capstone		
CPI 462 Design for Learning in Virtual Worlds		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 312 Computer Animation and Motion Graphics		
GIT 411 Visual Narrative in Motion Graphics		
IAP 362 Games and Narratology		
IAP 462 Games and Play (SOBE)		
IAP 494 Topic: Scriptwriting for Games		
Upper Division Games Track (Development)		
CPI 411 Graphics for Games **or** CPI 421 3-D Modeling and Texturing		
OR **Upper Division Games Track (Design)**	C	3
AME 394 Topic: Games UX Design and Research		
FMS 365 Video Games and Narrative		
Upper Division Culminating Experience	C	3
AME 394 Topic: Endless Games Studio Project		
AME 484 Internship		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Indie Game Studio		
MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.	
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.	

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Graphic Design, BSD

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Design, BSD
College/School: Herberger Institute for Design and the Arts
Plan Code: ARGRABSD
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
GRA 101 Designing Life	C	3
GRA 111 Graphic Design History I (HUAD)	C	3
GRA 112 Graphic Design History II	C	3
GRA 121 Principles for Graphic Design I	C	3
GRA 122 Principles for Graphic Design II	C	3
GRA 220 Design Drawing I	C	3
GRA 221 Letterform	C	3
GRA 222 Visual Communication I	C	3
GRA 223 Typography	C	3
GRA 224 Visual Communication II	C	3
GRA 225 Communication/Interaction Design Theory	C	3
GRA 321 Technology for Design I	C	3
GRA 322 Technology for Design II	C	3

Requirement	Minimum Grade	Credit Hours
GRA 361 Visual Communication III	C	5
GRA 362 Visual Communication IV	C	5
GRA 421 Exhibit Design	C	3
GRA 422 Motion Graphics and Interaction Design	C	3
GRA 424 Advanced Media	C	3
GRA 425 Regenerative Graphic Design OR GRA 494 Topic: Front-End Design and Development OR GRA 494 Topic: Cultural Relevance and Branding	C	3
GRA 461 Visual Communication V	C	5
GRA 462 Visual Communication VI	C	5
GRA 484 Internship	Y	2

Check: Minimum 3.00 ASU Cumulative GPA

PSY 101 Introduction to Psychology (SOBE)	C	3
ARS 101 Art from Prehistory Through Middle Ages (HUAD) OR ARS 102 Art from Renaissance to Modernism (HUAD)	C	3
ARS 300 Introduction to Art (HUAD)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
DSC 100 ASU Design Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Industrial Design, BSD

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Design, BSD
College/School: Herberger Institute for Design and the Arts
Plan Code: ARINDBSD
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
DSC 101 Design Awareness (HUAD)	C	3
DSC 236 Introduction to Computer Modeling (QTRS)	C	3
IND 120 Drawing for Industrial Design	C	3
IND 121 Principles for Industrial Design I	C	3
IND 122 Principles for Industrial Design II	C	3
IND 227 Visual Methods for Problem Solving	C	3
IND 228 Imaging and Visualization	C	3
IND 242 Materials and Design	C	3
IND 243 Design for Ecology and Social Equity	C	3
IND 260 Industrial Design I	C	3
IND 261 Industrial Design II	C	3
IND 316 20th-Century Design I (HUAD)	C	3
IND 317 20th-Century Design II (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
IND 327 Presentation Graphics	C	3
IND 328 Graphics for Industrial Design	C	3
IND 344 Human Factors in Design	C	3
IND 354 Principles of Product Design	C	3
IND 360 Industrial Design III	C	5
IND 361 Industrial Design IV	C	5
IND 460 Design Project I OR IND 484 Topic: Industrial Design Studio OR IVD 494 Topic: Innovation Space AND IVD 494 Topic: Innovation Space Studio	C	5
IND 461 Design Project II	C	5
IND 470 Professional Practice for Industrial Design	C	3
IND 484 Internship	Y	2
Upper Division Industrial Design Technology and Design Elective IND 394 Topic: Digital Graphics for Design IND 494 Topic: Advanced UX Design - UX for Emerging Technologies IND 494 Topic: Digital Process- Advanced Parametric CAD Modeling IND 494 Topic: Digital Process- Sketching IND 494 Topic: Digital Visualization for Design	C	3

Requirement	Minimum Grade	Credit Hours
IND 494 Topic: Principles of UX/UI Design		
Check: Minimum 3.00 ASU Cumulative GPA		
MAT 170 Precalculus (MATH)	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
PHY 111 General Physics (SCIT) **AND** PHY 113 General Physics Laboratory (SCIT)	C	4
MKT 395 Essentials of Advertising and Marketing Communication **OR** Marketing Electives MKT 300 Marketing and Business Performance MKT 370 Professional Sales and Relationship Management MKT 390 Essentials of Marketing MKT 391 Essentials of Selling MKT 392 Essentials of Business Marketing MKT 396 Essentials of Services Marketing MKT 397 Essentials of Global Marketing MKT 425 Global Marketing Management (GCSI)	C	3

ECN 212 Microeconomic Principles (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DSC 100 ASU Design Experience ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement.	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Interior Design, BSD

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Design, BSD
College/School: Herberger Institute for Design and the Arts
Plan Code: ARINTBSD
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
INT 111 Interior Design Issues and Theories (HUAD)	C	3
INT 120 Design Fundamentals I	C	3
INT 121 Introduction to Computer Modeling for Interior Design (QTRS)	C	3
INT 122 Principles of Design	C	3
INT 123 Introduction to Computer-Aided Design and Building Information Modeling	C	3
INT 124 Design Fundamentals II Lecture	C	1
INT 131 Design and Human Behavior (SOBE)	C	3
INT 223 Drafting for Interior Design	C	3
INT 253 Interior Materials, Finishes, and Specifications	C	3
INT 261 Interior Design Studio I	C	3
INT 262 Interior Design Studio II	C	3
INT 310 History of Interior Design I (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
INT 311 History of Interior Design II (HUAD)	C	3
INT 341 Interior Codes: Public Welfare and Safety	C	2
INT 351 Ambient Environment	C	3
INT 352 Construction Methods in Interior Design	C	3
INT 354 Construction Documents	C	3
INT 362 Interior Design Studio III	C	5
INT 363 Interior Design Studio IV	C	5
INT 381 Preinternship Seminar	Y	1
INT 415 Latin American Design (GCSI)	C	3
INT 464 Interior Design Studio V	C	5
INT 465 Interior Design Studio VI	C	5
INT 471 Facilities Management	C	3
INT 472 Professional Practice for Interior Design	C	2
INT 484 Internship	Y	3

Check: Minimum 3.00 ASU Cumulative GPA

MAT 170 Precalculus (MATH)	C	3

ARS 102 Art from Renaissance to Modernism (HUAD)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DSC 100 ASU Design Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Landscape Architecture, BSLA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Landscape Architecture, BSLA
College/School: Herberger Institute for Design and the Arts
Plan Code: ARPLABSLA
Minimum credit hours: 120
Upper division minimum credit hours: 57

Requirement	Minimum Grade	Credit Hours
ALA 100 Introduction to Environmental Design (HUAD)	C	3
ALA 102 Landscapes and Sustainability (SUST)	C	3
ALA 121 Design Fundamentals I	C	3
ALA 122 Design Fundamentals II	C	3
LAP 231 Introduction to Digital Applications for Designers (QTRS)	C	3
LAP 251 Plant Materials for Sustainable Landscapes	C	3
LAP 341 Landscape Construction I	C	4
LAP 342 Landscape Construction II	C	4
LAP 352 Ecosystems and Sustainable Design	C	3
LAP 353 Planting Design for Sustainable Landscapes	C	3
LAP 371 Landscape Architecture Professional Practice I	C	1
LAP 372 Landscape Architecture Professional Practice II	C	1
LDE 261 Landscape Architecture Design Fundamentals III	C	4

Requirement	Minimum Grade	Credit Hours
LDE 262 Landscape Architecture Design Fundamentals IV	C	4
LAP 311 History of Landscape Architecture (HUAD) OR LAP 312 20th-Century Landscape Architecture OR LAP 413 Landscape Architecture Theory and Criticism	C	9
LDE 361 Landscape Architecture I	C	5
LDE 362 Landscape Architecture II	C	5
LDE 461 Landscape Architecture III	C	5
LDE 462 Landscape Architecture IV	C	5
Upper Division Computer Applications Elective ARC 494 Topic: Revit I ARC 494 Topic: Revit II DSC 494 Topic: Grasshopper DSC 494 Topic: Rhino LAP 332 GIS Applications in Environmental Design LAP 494 Topic: Advanced GIS Applications in Environmental Design LAP 494 Topic: AutoCAD for Landscape Architecture and Planning LAP 494 Topic: 3D Technologies for Designers I	C	3

Check: Minimum 3.00 ASU Cumulative GPA

MAT 170 Precalculus (MATH)	C	3
GPH 111 Introduction to Physical Geography (SCIT) AND GPH 112 Introduction to Physical Geography Lab (SCIT)	C	4
Upper Division Professional Elective ARC Elective BIO Elective DSC Elective EDS Elective ENV Elective GLG Elective GRA Elective IND Elective INT Elective LAP Elective LDE Elective LTC Elective LTE Elective PUP Elective SOS Elective	C	9

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DSC 100 ASU Design Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIDGCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course		
AME 112 Computational Thinking for Media Arts		
AME 210 Media Editing		
AME 220 Programming for the Web (QTRS)		
AME 240 Introduction to Physical Computing	C	12
AME 244 Introduction to Interactive Environments		
AME 294 Topic: Game Engine Fundamentals		
AME 294 Topic: Intro to Blender and 3D Concepts		
MDC 211 Introduction to Digital Sound		
Upper Division Digital Media	C	6
ART 424 Stop Motion Animation		

Requirement	Minimum Grade	Credit Hours
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		

Requirement	Minimum Grade	Credit Hours
Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
Upper Division Track Focus Area Course	C	6
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		

Requirement	Minimum Grade	Credit Hours
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		
AME 494 Topic: Worldbuilding		
OR **Upper Division Digital Media**		
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		

Requirement	Minimum Grade	Credit Hours
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		
Upper Division Track Focus Area Course	C	24
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		

Requirement	Minimum Grade	Credit Hours
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		

Requirement	Minimum Grade	Credit Hours
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		

Requirement	Minimum Grade	Credit Hours
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		
AME 494 Topic: Worldbuilding		
Track Focus Area Course	C	12
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Tangible and Physical Computing Track		
AME 294 Topic: Circuit Bending		

Requirement	Minimum Grade	Credit Hours
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 294 Topic: Design Politics		
AME 294 Topic: Media Technology History		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Socio-Technical Futures		
AME 494 Topic: Worldbuilding		
OR Digital Media		
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to		

Requirement	Minimum Grade	Credit Hours
Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Art), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIDGCABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course		
AME 112 Computational Thinking for Media Arts		
AME 210 Media Editing		
AME 220 Programming for the Web (QTRS)		
AME 240 Introduction to Physical Computing	C	12
AME 244 Introduction to Interactive Environments		
AME 294 Topic: Game Engine Fundamentals		
AME 294 Topic: Intro to Blender and 3D Concepts		
MDC 211 Introduction to Digital Sound		
Upper Division Digital Media Course	C	6
ART 424 Stop Motion Animation		

Requirement	Minimum Grade	Credit Hours
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		

Requirement	Minimum Grade	Credit Hours
Digital Media Course	C	3
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		

Requirement	Minimum Grade	Credit Hours
TWC 452 Information in the Digital Age		
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Web Audio for Collaborative Situated Media		
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Sense-making Complexity **AME 494 Topic: Socio-Technical Futures** **AME 494 Topic: Worldbuilding** Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
ARS 102 Art from Renaissance to Modernism (HUAD) OR **ARS 250 History of Photography (HUAD)**	C	3
ART 108 Digital Literacy for the Arts (QTRS) OR **ART 110 Drawing as Seeing and Thinking (HUAD)** OR **ART 113 Pictorial Investigations and Color Theory**	C	3
ART 216 Contemporary Art in Practice: Methods, Making, Meaning	C	3
Upper Division Art History Elective **ARS 345 Art and Television** **ARS 370 The Art of the Comic** **ARS 394 Topic: Anime** **ARS 438 Art of the 20th Century I (HUAD)** **ARS 439 Art of the 20th Century II**	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Studio Art Elective		
ART 312 Illustration	C	9
ART 394 Topic: Digital Photography for Non-Majors		
ART 424 Stop Motion Animation		
ART 439 Studio Inquiry: Practice and Cultural Context		
ART 440 Experimental Video Art		
ART 442 Art and Community		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
ART 494 Topic: Women/Art/Technology		
Upper Division Art History Elective	C	6
ARS 345 Art and Television		
ARS 370 The Art of the Comic		
ARS 394 Topic: Anime		
ARS 438 Art of the 20th Century I (HUAD)		
ARS 439 Art of the 20th Century II		
OR **Upper Division Studio Art Elective**		
ART 312 Illustration		
ART 394 Topic: Digital Photography for Non-Majors		

Requirement	Minimum Grade	Credit Hours
ART 424 Stop Motion Animation		
ART 439 Studio Inquiry: Practice and Cultural Context		
ART 440 Experimental Video Art		
ART 442 Art and Community		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
ART 494 Topic: Women/Art/Technology		
MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Design), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIDGCDBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course **AME 112 Computational Thinking for Media Arts** **AME 210 Media Editing** **AME 220 Programming for the Web (QTRS)** **AME 240 Introduction to Physical Computing** **AME 244 Introduction to Interactive Environments** **AME 294 Topic: Game Engine Fundamentals** **AME 294 Topic: Intro to Blender and 3D Concepts** **MDC 211 Introduction to Digital Sound**	C	12
Upper Division Digital Media Course **ART 424 Stop Motion Animation**	C	6

Requirement	Minimum Grade	Credit Hours
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		

Requirement	Minimum Grade	Credit Hours
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital		

Requirement	Minimum Grade	Credit Hours
Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		
AME 494 Topic: Web Audio for Collaborative Situated Media		

Requirement	Minimum Grade	Credit Hours
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Worldbuilding Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
Upper Division Design Concentration Course **APH 494 Special Topics** **ARC 331 World and Western Architecture I** **ARC 332 World and Western Architecture II** **ARC 394 Special Topics** **ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)** **ARC 434 Great Cities (HUAD)** **ARC 436 Charles and Ray Eames** **ARC 494 Special Topics** **DSC 394 Special Topics** **DSC 494 Special Topics** **EDS 301 Sustainable Community Design and Practices (SUST)** **GRA 345 Design Rhetoric**	C	18

Requirement	Minimum Grade	Credit Hours
GRA 401 Creative Environment		
GRA 440 Finding Purpose		
IND 316 20th-Century Design I (HUAD)		
IND 317 20th-Century Design II (HUAD)		
IND 344 Human Factors in Design		
IND 354 Principles of Product Design		
INT 310 History of Interior Design I (HUAD)		
INT 311 History of Interior Design II (HUAD)		
INT 415 Latin American Design (GCSI)		
INT 494 Special Topics		
LAP 311 History of Landscape Architecture (HUAD)		
LAP 312 20th-Century Landscape Architecture		
LAP 485 International Field Studies		
LAP 494 Special Topics		
LPH 494 Special Topics		
Design Concentration Course	C	9
ALA 100 Introduction to Environmental Design (HUAD)		
ALA 102 Landscapes and Sustainability (SUST)		
DSC 101 Design Awareness (HUAD)		

Requirement	Minimum Grade	Credit Hours
EDS 223 Design Thinking		
GRA 101 Designing Life		
GRA 111 Graphic Design History I (HUAD)		
GRA 112 Graphic Design History II		
GRA 225 Communication/Interaction Design Theory		
GRA 294 Special Topics		
IND 242 Materials and Design		
IND 243 Design for Ecology and Social Equity		
INT 111 Interior Design Issues and Theories (HUAD)		
INT 121 Introduction to Computer Modeling for Interior Design (QTRS)		
INT 123 Introduction to Computer-Aided Design and Building Information Modeling		
INT 131 Design and Human Behavior (SOBE)		
LAP 251 Plant Materials for Sustainable Landscapes		
APH 494 Special Topics		
ARC 331 World and Western Architecture I		
ARC 332 World and Western Architecture II		
ARC 394 Special Topics		
ARC 431 Contemporary Architecture and Urbanism 1970 to the Present (HUAD)		

Requirement	Minimum Grade	Credit Hours
ARC 434 Great Cities (HUAD)		
ARC 436 Charles and Ray Eames		
ARC 494 Special Topics		
DSC 394 Special Topics		
DSC 494 Special Topics		
EDS 301 Sustainable Community Design and Practices (SUST)		
GRA 345 Design Rhetoric		
GRA 401 Creative Environment		
GRA 440 Finding Purpose		
IND 316 20th-Century Design I (HUAD)		
IND 317 20th-Century Design II (HUAD)		
IND 344 Human Factors in Design		
IND 354 Principles of Product Design		
INT 310 History of Interior Design I (HUAD)		
INT 311 History of Interior Design II (HUAD)		
INT 415 Latin American Design (GCSI)		
INT 494 Special Topics		
LAP 311 History of Landscape Architecture (HUAD)		
LAP 312 20th-Century Landscape Architecture		

Requirement	Minimum Grade	Credit Hours
LAP 485 International Field Studies		
LAP 494 Special Topics		
LPH 494 Special Topics		
MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Education), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIMASEDBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Upper Division Education Studies Elective **EDU 301 Why Education?** **EDU 302 Diversity in Learning Contexts** **EDU 402 Partnering to Advance Educational Initiatives** **EDU 404 Navigating Change in Educational Innovations** **LSE 303 Human Development: Addressing Learner Capabilities (SOBE)** **LSE 401 Designing Learning Environments for Inclusion (SOBE)**	C	3
Education Studies Elective **EDU 301 Why Education?**	C	9

Requirement	Minimum Grade	Credit Hours
EDU 302 Diversity in Learning Contexts		
EDU 402 Partnering to Advance Educational Initiatives		
EDU 404 Navigating Change in Educational Innovations		
LSE 303 Human Development: Addressing Learner Capabilities (SOBE)		
LSE 401 Designing Learning Environments for Inclusion (SOBE)		
SPE 222 Orientation to Education of Exceptional Children (CIVI)		
SPE 223 Intersection of Society, Disabilities and Inclusion (CIVI)		
TEL 111 Exploration of Education (HUAD)		
TEL 208 Education in a Changing World (GCSI)		
TEL 215 Introduction to Child and Adolescent Development (SOBE)		
Applied Education Methods Related Course	C	6
ARE 250 Teaching Inquiry in Art		
ARE 301 Learning Through Artistic Practice: Curiosity and Creativity in the Everyday		
ARE 370 Teaching Visual Culture		
ARE 482 Teaching Art Processes		
ARE 486 Art Education: Strategies and Applications		

Requirement	Minimum Grade	Credit Hours
EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)		
LSE 305 Conceptualizing Learning: Theories in Practice		
MUE 110 Introduction to Music Education		
MUE 319 Digital and Hybrid Lab		
MUE 415 The Art of Teaching Contemporary Musicians		
Media Arts and Sciences Foundational Media Course		
AME 112 Computational Thinking for Media Arts	C	12
AME 210 Media Editing		
AME 220 Programming for the Web (QTRS)		
AME 240 Introduction to Physical Computing		
AME 244 Introduction to Interactive Environments		
AME 294 Topic: Game Engine Fundamentals		
AME 294 Topic: Intro to Blender and 3D Concepts		
MDC 211 Introduction to Digital Sound		
Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		

Requirement	Minimum Grade	Credit Hours
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		

Requirement	Minimum Grade	Credit Hours
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		
AME 494 Topic: Web Audio for Collaborative Situated Media		
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		

Requirement	Minimum Grade	Credit Hours
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		
AME 494 Topic: Worldbuilding		

Requirement	Minimum Grade	Credit Hours
EDU 396 Exploring Ideas and Planning for an Internship	C	3
OR **Upper Division Track Focus Area Course**		
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		
AME 494 Topic: Web Audio for Collaborative Situated Media		

Requirement	Minimum Grade	Credit Hours
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Worldbuilding		
Upper Division Digital Media Course	C	9
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		

Requirement	Minimum Grade	Credit Hours
TWC 451 Copyright and Intellectual Property in the Electronic Age TWC 452 Information in the Digital Age		
AME 445 The Art of Teaching Media Arts	C	3
AME 485 Media Arts and Sciences Capstone I OR EDU 484 Internship	C	3
AME 486 Media Arts and Sciences Capstone II OR EDU 498 Pro-Seminar	C	3
MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Film), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIDGCFBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course **AME 112 Computational Thinking for Media Arts** **AME 210 Media Editing** **AME 220 Programming for the Web (QTRS)** **AME 240 Introduction to Physical Computing** **AME 244 Introduction to Interactive Environments** **AME 294 Topic: Game Engine Fundamentals** **AME 294 Topic: Intro to Blender and 3D Concepts** **MDC 211 Introduction to Digital Sound**	C	12
Upper Division Digital Media Course **ART 424 Stop Motion Animation**	C	6

Requirement	Minimum Grade	Credit Hours
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		

Requirement	Minimum Grade	Credit Hours
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital		

Requirement	Minimum Grade	Credit Hours
Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		
AME 494 Topic: Web Audio for Collaborative Situated Media		

Requirement	Minimum Grade	Credit Hours
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Worldbuilding Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
FMP 180 Principles of Production Technology	C	3
FMP 201 Film: The Creative Process I (HUAD)	C	3
FMP 280 Introduction to Film and Media Production	C	3
Upper Division Film Elective **FMP 300 Short Film Production** **FMP 315 Sound Design for Film and Media I** **FMP 325 Intermediate Visual Effects Compositing** **FMP 335 Careers in Film and Media Industry** **FMP 345 Cinematography I** **FMP 350 Directing for Documentary Media** **FMP 370 Producing for Film and Media** **FMP 394 Special Topics** **FMP 400 Advanced Short Film Production** **FMP 403 Independent Film (HUAD)**	C	9

Requirement	Minimum Grade	Credit Hours
FMP 405 Film and Television: Pioneers, Practices and Innovations		
FMP 415 Sound Design for Film and Media II		
FMP 445 Cinematography II		
FMP 494 Special Topics		
MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Games and Interactive Media), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Herberger Institute for Design and the Arts
Plan Code: HIMASGIMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 220 Programming for the Web (QTRS)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course		
AME 112 Computational Thinking for Media Arts	C	12
AME 210 Media Editing		
AME 240 Introduction to Physical Computing		
AME 244 Introduction to Interactive Environments		
AME 294 Topic: Game Engine Fundamentals		
AME 294 Topic: Intro to Blender and 3D Concepts		
MDC 211 Introduction to Digital Sound		
AME 360 Designing Mixed-Reality Experiences	C	3

Requirement	Minimum Grade	Credit Hours
AME 365 People at Play (HUAD)	C	3
AME 436 Animating Virtual Worlds	C	3
AME 465 Designing Play	C	3
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		

Requirement	Minimum Grade	Credit Hours
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Intro to Esports Management		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		
AME 494 Topic: Web Audio for Collaborative Situated Media		

Requirement	Minimum Grade	Credit Hours
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		
AME 494 Topic: Worldbuilding		

Requirement	Minimum Grade	Credit Hours
Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
Upper Division Digital Media Course	C	9
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		

Requirement	Minimum Grade	Credit Hours
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		
CPI 111 Game Development I (QTRS)	C	3
CPI 211 Game Development II	C	3
IAP 220 Games, Culture and Aesthetics (GCSI)	C	3
MAT 210 Brief Calculus (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Graphic Information Technology), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIDGCTEBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course		
AME 112 Computational Thinking for Media Arts		
AME 210 Media Editing		
AME 220 Programming for the Web (QTRS)		
AME 240 Introduction to Physical Computing	C	12
AME 244 Introduction to Interactive Environments		
AME 294 Topic: Game Engine Fundamentals		
AME 294 Topic: Intro to Blender and 3D Concepts		
MDC 211 Introduction to Digital Sound		
Upper Division Digital Media Course	C	6

Requirement	Minimum Grade	Credit Hours
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		

Requirement	Minimum Grade	Credit Hours
TWC 452 Information in the Digital Age		
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Web Audio for Collaborative Situated Media		
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Sense-making Complexity **AME 494 Topic: Socio-Technical Futures** **AME 494 Topic: Worldbuilding** Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
GIT 211 3D Media Production OR **GIT 215 Introduction to Web Authoring**	C	3
GIT 230 Digital Illustration in Publishing	C	3
GIT 312 Computer Animation and Motion Graphics OR **GIT 337 Web Content Design**	C	3
GIT 314 Multimedia Design, Planning and Storyboards OR **GIT 402 New Media Internet Technologies** OR **GIT 417 Advanced Web Markup and Scripting**	C	3
GIT 411 Visual Narrative in Motion Graphics OR **GIT 414 Web Site Design and Internet/Web Technologies**	C	3
TMC 110 Understanding the Enterprise	C	3
Upper Division Technological Entrepreneurship **OMT 430 Ethical Issues in Technology**	C	9

Requirement	Minimum Grade	Credit Hours
OMT 480 Organizational Effectiveness		
TEM 330 Systems Innovation		
TEM 431 Innovation Management		
TMC 310 Promotion of the Enterprise		
TMC 320 Funding the Enterprise		
TMC 330 Leading the Enterprise		
TMC 430 Enterprise Strategy and Innovation		

Technological Entrepreneurship

OMT 430 Ethical Issues in Technology		
OMT 480 Organizational Effectiveness		
TEM 230 Creativity and Business Innovation		
TEM 330 Systems Innovation		
TEM 431 Innovation Management	C	3
TMC 310 Promotion of the Enterprise		
TMC 320 Funding the Enterprise		
TMC 330 Leading the Enterprise		
TMC 430 Enterprise Strategy and Innovation		

MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Media Processing), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Herberger Institute for Design and the Arts
Plan Code: HIDGCMPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course		
AME 112 Computational Thinking for Media Arts		
AME 210 Media Editing		
AME 220 Programming for the Web (QTRS)		
AME 240 Introduction to Physical Computing	C	12
AME 244 Introduction to Interactive Environments		
AME 294 Topic: Game Engine Fundamentals		
AME 294 Topic: Intro to Blender and 3D Concepts		
MDC 211 Introduction to Digital Sound		
Upper Division Digital Media Course	C	6

Requirement	Minimum Grade	Credit Hours
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		

Requirement	Minimum Grade	Credit Hours
TWC 452 Information in the Digital Age		
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Web Audio for Collaborative Situated Media		
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Sense-making Complexity **AME 494 Topic: Socio-Technical Futures** **AME 494 Topic: Worldbuilding** Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 240 Introduction to Programming Languages	C	3
CSE 310 Data Structures and Algorithms OR **CPI 360 Decision Making and Problem Solving**	C	3
MAT 243 Discrete Mathematical Structures	C	3
Upper Division Media Processing Elective **CPI 321 Fundamentals of Game Art** **CPI 360 Decision Making and Problem Solving** **CPI 394 Special Topics** **CPI 411 Graphics for Games**	C	9

Requirement	Minimum Grade	Credit Hours
CPI 421 3-D Modeling and Texturing		
CPI 462 Design for Learning in Virtual Worlds		
CPI 494 Special Topics		
CSE 310 Data Structures and Algorithms		
CSE 394 Special Topics		
CSE 463 Introduction to Human Computer Interaction		
CSE 470 Computer Graphics		
CSE 494 Special Topics		
IAP 362 Games and Narratology		
IAP 462 Games and Play (SOBE)		
IEE 431 Engineering Administration		
SER 332 Introduction to Graphics and Game Development		
SER 431 Advanced Graphics		
Media Processing Elective	C	3
CPI 111 Game Development I (QTRS)		
CPI 211 Game Development II		
CPI 221 Advanced Object-Oriented Principles Using Java		
CSE 220 Programming for Computer Engineering		

Requirement	Minimum Grade	Credit Hours
CSE 294 Special Topics		
CPI 321 Fundamentals of Game Art		
CPI 360 Decision Making and Problem Solving		
CPI 394 Special Topics		
CPI 411 Graphics for Games		
CPI 421 3-D Modeling and Texturing		
CPI 462 Design for Learning in Virtual Worlds		
CPI 494 Special Topics		
CSE 310 Data Structures and Algorithms		
CSE 394 Special Topics		
CSE 463 Introduction to Human Computer Interaction		
CSE 470 Computer Graphics		
CSE 494 Special Topics		
IAP 362 Games and Narratology		
IAP 462 Games and Play (SOBE)		
IEE 431 Engineering Administration		
SER 332 Introduction to Graphics and Game Development		
SER 431 Advanced Graphics		

MAT 210 Brief Calculus (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Media Arts and Sciences (Music), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIDGCMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)	C	3
AME 130 Prototyping Dreams (HUAD)	C	3
AME 230 Programming for the Media Arts (QTRS)	C	3
Media Arts and Sciences Foundational Media Course **AME 112 Computational Thinking for Media Arts** **AME 210 Media Editing** **AME 220 Programming for the Web (QTRS)** **AME 240 Introduction to Physical Computing** **AME 244 Introduction to Interactive Environments** **AME 294 Topic: Game Engine Fundamentals** **AME 294 Topic: Intro to Blender and 3D Concepts** **MDC 211 Introduction to Digital Sound**	C	12
Upper Division Digital Media Course **ART 424 Stop Motion Animation**	C	6

Requirement	Minimum Grade	Credit Hours
ART 440 Experimental Video Art		
ART 444 Short Subject: Documentary Video		
ART 494 Topic: Visual Prototyping		
CIS 300 Web Design and Development		
EDT 440 Creating and Marketing Mobile Apps		
FMP 315 Sound Design for Film and Media I		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
GIT 314 Multimedia Design, Planning and Storyboards		
GIT 402 New Media Internet Technologies		
IAP 322 Multitrack Digital Recording		
IAP 361 Digital Editing and Media Literacy		
IAP 364 Documentaries		
IAP 367 Motion Graphics and Animation		
IAP 480 Art as Praxis: From Conceptualization to Production		
TWC 411 Principles of Visual Communication		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		

Requirement	Minimum Grade	Credit Hours
Upper Division Track Focus Area Course	C	12
Creative Code and Development Track		
AME 360 Designing Mixed-Reality Experiences		
AME 394 Topic: Computational Photography		
AME 400 Minds and Machines		
AME 430 Mac Development for Media Arts		
AME 434 Machine Learning for Media Arts		
AME 435 Mobile Development		
AME 436 Animating Virtual Worlds		
AME 470 Programming for Social and Interactive Media		
AME 494 Topic: Artificial Intelligence for Social Good		
AME 494 Topic: Programming for the Internet of Things		
Emerging Media Arts Track		
AME 320 Motion Capture for Integrative Systems		
AME 394 Topic: Computational Photography		
AME 394 Topic: User Experience in Media Arts		
AME 444 Media Installations		
AME 494 Topic: Spatial Design		
AME 494 Topic: Systems and Content Design for Digital		

Requirement	Minimum Grade	Credit Hours
Experiences		
Games and Immersive Worlds Track		
AME 320 Motion Capture for Integrative Systems		
AME 360 Designing Mixed-Reality Experiences		
AME 365 People at Play (HUAD)		
AME 394 Topic: Intro to Esports Management		
AME 465 Designing Play		
AME 494 Topic: Cinema and Game Worlds		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Worldbuilding		
Sound and Music Track		
AME 333 Improvising Cyborgs		
AME 394 Topic: Synthesis and Expression		
AME 411 Advanced Interactive Sound		
AME 494 Topic: Acousmatic Composition		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Spatial Audio for XR		
AME 494 Topic: Wearable Music		
AME 494 Topic: Web Audio for Collaborative Situated Media		

Requirement	Minimum Grade	Credit Hours
Tangible and Physical Computing Track		
AME 320 Motion Capture for Integrative Systems		
AME 330 Digital-Physical Systems		
AME 410 Interactive Materials		
AME 444 Media Installations		
AME 494 Topic: Advanced Modeling and Fabrication		
AME 494 Topic: Expressive Robotics		
AME 494 Topic: Musical Microcontrollers		
AME 494 Topic: Wearable Music		
Tech and Society Track		
AME 310 Media Literacies and Composition		
AME 325 Technical Lives		
AME 365 People at Play (HUAD)		
AME 394 Topic: Gender, Technology & Design		
AME 394 Topic: Imagining Futures in Science Fiction		
AME 494 Topic: Alternate Ecologies and Economies		
AME 494 Topic: Media Archaeology		
AME 494 Topic: Sensable Heatscapes		
AME 494 Topic: Sense-making Complexity		
AME 494 Topic: Socio-Technical Futures		

Requirement	Minimum Grade	Credit Hours
AME 494 Topic: Worldbuilding Track Focus Areas: Students may choose courses from any combination of focus areas and are encouraged to choose courses that align with their career goals. Contact your advisor for guidance or suggestions.		
AME 485 Media Arts and Sciences Capstone I	C	3
AME 486 Media Arts and Sciences Capstone II	C	3
MTC 125 Music Theory I OR **MUS 100 Fundamentals of Music Notation**	C	3
MTC 436 Electronic Studio Techniques I OR **MTC 437 Electronic Studio Techniques II** OR **MUP 319 Advanced Audio Engineering in the Arts**	C	2
MUS 354 Popular Music OR **MUS 362 Rap Music and Hip Hop Culture (HUAD)**	C	3
Music Production Elective **MUS 294 Topic: Producing Hip Hop and Dance Music I** **MUS 294 Topic: Rock Band** **MUS 294 Topic: Song Production with Garage Band** **MUS 294 Topic: Songwriting** **MDC 411 Advanced Interactive Sound**	C	3
Upper Division **MUS Elective** OR Upper Division **MUP Elective**	C	4

Requirement	Minimum Grade	Credit Hours
OR Upper Division **MUE Elective**		
OR Upper Division **MTC Elective**		
MUS Elective OR **MUP Elective** OR **MUE Elective** OR **MTC Elective**	C	3
MAT 117 College Algebra (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

AME 101 ASU Media Arts and Sciences Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Merchandising, AA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Associate of Arts, AA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIMERCHAA
Minimum credit hours: 60
Upper division minimum credit hours: 9

Requirement	Minimum Grade	Credit Hours
Fashion Core Courses		
FSH 125 Survey of the Fashion Industry (HUAD)	C	3
FSH Elective **AND** Quantitative Reasoning (QTRS) **OR** **CIS 105 Computer Applications and Information Technology (QTRS)**	C	3
FSH 175 Merchandising Essentials	C	3
FSH 208 Creative Digital Literacy for the Fashion Industry	C	3
FSH 204 Social Aspects of Fashion (SOBE)	C	3
FSH 300 Global Fashion Industry (GCSI)	C	3
FSH 435 Contemporary Fashion (HUAD) **OR** **THE 430 History of Fashion I (HUAD)**	C	3
Merchandising Courses		
FSH 275 Merchandising Applications	C	3

Requirement	Minimum Grade	Credit Hours
FSH 375 Fashion Branding Strategies	C	3
Fashion Merchandising Business Related Elective	C	3

- **FSH 194 Topic: Consumer Attitudes & Behaviors**
- **FSH 294 Topic: Trend Forecasting**
- **FSH 326 Fashion Styling**
- **FSH 375 Fashion Branding Strategies**
- **FSH 380 Fashion Forecasting**
- **FSH 385 Fashion Visual Merchandising**
- **FSH 394 Topic: Fashion Entrepreneurship**
- **FSH 394 Topic: Merchandising Practice**
- **FSH 475 Communication Strategies for Fashion**
- **FSH 480 Fashion Retail Development**
- **FSH 484 Internship**
- **FSH 485 Reflections on Experiential Learning**
- Business or Communication courses such as:
- ACC Elective
- COM Elective
- ECN Elective
- ENT Elective
- FIN Elective

Requirement	Minimum Grade	Credit Hours
MCO Elective		
MGT Elective		
MKT Elective		
OGL Elective		
STP Elective		
TWC Elective		
Transferred courses related to fashion merchandising, such as branding, visual merchandising, retailing, styling, supply chain, etc. may also apply towards this category.		
Fashion Merchandising Elective	C	3
FSH 194 Topic: Consumer Attitudes & Behaviors		
FSH 294 Topic: Trend Forecasting		
FSH 326 Fashion Styling		
FSH 375 Fashion Branding Strategies		
FSH 380 Fashion Forecasting		
FSH 385 Fashion Visual Merchandising		
FSH 394 Topic: Fashion Entrepreneurship		
FSH 394 Topic: Merchandising Practice		
FSH 475 Communication Strategies for Fashion		
FSH 480 Fashion Retail Development		

Requirement	Minimum Grade	Credit Hours
FSH 484 Internship		
FSH 485 Reflections on Experiential Learning		
Transferred courses related to fashion merchandising, such as branding, visual merchandising, retailing, styling, supply chain, etc. may also apply towards this category.		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

FSH 101 The ASU FIDM Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All associate degree students must fulfill university graduation requirements, including a minimum of 60 credit hours. https://catalog.asu.edu/associatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Music, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** Recommended: **MHL 440**	C	3
Upper Division **MHL Elective** **OR** Upper Division **MTC Elective**	C	12
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division MHL Through Present Time Course	C	3

- **MHL 342 Music History II (HUAD)**
- **MHL 344 Music in World Cultures (GCSI)**
- **MHL 363 Survey of Russian Music**
- **MHL 365 Popular Music and Race (HUAD)**
- **MHL 440 Topics in 20th-Century Music**
- **MHL 441 Concerts in the 20th Century**

Requirement	Minimum Grade	Credit Hours
MHL 445 Music of the Silk Road (HUAD)		
MHL 447 Music and Healing (HUAD)		
MHL 494 Topic: Recycled Music: Medieval to Modern		
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
MTC 320 Modal Counterpoint OR MTC 321 Tonal Counterpoint	C	2
MUP 111 Studio Instruction OR Music Skills	C	8
MUP 121 Studio Instruction		
MUS 146 Singing for Nonmajors I		
MUP 170 Music Theatre I		
MUP 172 Music Theatre II		
MUS 194 Topic: Non-Majors Beg. Class Guitar I		
MUS 210 The Arts Around Us (HUAD)		
MUS 211 Dance, Music and Meaning (HUAD)		
MUS 212 Music, Meaning and Imagination (HUAD)		
MUS 213 Critical Thinking in the Arts		

Requirement	Minimum Grade	Credit Hours
MUS 214 Art, Music and Learning		
MUS 215 Children, Creativity, Arts (HUAD)		
MUE 317 Strings Lab		
MUE 319 Digital and Hybrid Lab		
MUE 321 Jazz Lab		
MUE 325 Voice/Choral Lab		
MUE 327 Brass Lab		
MUE 334 Guitar Lab		
MUE 336 Percussion Lab		
MUE 337 Woodwinds Lab		
MUE 494 Topic: Beatmaking		
MUP 489 Ethnomusicology Ensembles		
Four semesters of MUP 111 OR 8 credits of Music Skills coursework are required. Please see Music Skills course list for available options. Students who wish to take lessons in MUP 111 or MUP 121 need to complete an audition with the performance faculty in the area of study.		
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP 231 Class Piano	C	1
400-Level MUP Music Ensemble	C	4

Requirement	Minimum Grade	Credit Hours
MUP 442 Instrumental Ensembles		
MUP 443 Choral Ensembles		
MUP 444 Maroon and Gold Concert Band		
MUP 450 Choral Union		
MUP 455 Canticum Bassum		
MUP 457 Sol Singers		
MUP 458 ASU Gospel Choir		
MUP 479 Chamber Music Ensembles		
MUP 485 Percussion Ensemble		
MUP 486 Jazz Band		
MUP 489 Ethnomusicology Ensembles		
Music Theory Core Elective	C	3
MTC 223 Music Theory: 20th Century		
MTC 225 Popular Music Theory		
MTC 251 Introduction to Music Cognition		
MTC 327 Form and Analysis I		
MTC 422 Musical Acoustics		
MTC 425 Studies in 20th- and 21st-Century Theory		
MTC 440 Jazz Theory and Ear Training		

Requirement	Minimum Grade	Credit Hours
MTC 441 Jazz Composition		
MTC 494 Topic: Analysis of Song		
MTC 494 Topic: Composing for Film and Media		
Upper Division Music Elective		
MHL Elective	C	9
MTC Elective		
MUP Elective		
MUE Elective		
MDC Elective		
MSC Elective		
Language Requirement: satisfied through completion of a language course at the intermediate level (202 or equivalent) or higher. ASU Language Placement: Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned.		16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Music (Music and Culture), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIMUSMCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division MHL Through Present Time Course **MHL 342 Music History II (HUAD)** **MHL 344 Music in World Cultures (GCSI)** **MHL 363 Survey of Russian Music** **MHL 365 Popular Music and Race (HUAD)** **MHL 440 Topics in 20th-Century Music** **MHL 441 Concerts in the 20th Century** **MHL 445 Music of the Silk Road (HUAD)** **MHL 447 Music and Healing (HUAD)** **MHL 494 Topic: Recycled Music: Medieval to Modern**	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
MHL 490 Capstone Project I: Undergraduate Thesis Research OR MHL 492 Honors Directed Study	C	3
MHL 491 Capstone Project II: Undergraduate Thesis OR MHL 493 Honors Thesis	C	3
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
Music Theory Core Elective MTC 223 Music Theory: 20th Century MTC 225 Popular Music Theory MTC 251 Introduction to Music Cognition MTC 327 Form and Analysis I MTC 422 Musical Acoustics MTC 425 Studies in 20th- and 21st-Century Theory MTC 440 Jazz Theory and Ear Training MTC 441 Jazz Composition MTC 494 Topic: Analysis of Song MTC 494 Topic: Composing for Film and Media	C	3

Requirement	Minimum Grade	Credit Hours
MUP 111 Studio Instruction OR **MUP Elective**	C	8
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP Elective Recommended: **MUP 231**	C	1
400-Level MUP Music Ensemble **MUP 442 Instrumental Ensembles** **MUP 443 Choral Ensembles** **MUP 444 Maroon and Gold Concert Band** **MUP 450 Choral Union** **MUP 455 Canticum Bassum** **MUP 457 Sol Singers** **MUP 458 ASU Gospel Choir** **MUP 479 Chamber Music Ensembles** **MUP 485 Percussion Ensemble** **MUP 486 Jazz Band** **MUP 489 Ethnomusicology Ensembles**	C	4
MUP 499 Individualized Instruction	C	4
Upper Division Music Elective	C	6

Requirement	Minimum Grade	Credit Hours
MHL Elective		
MTC Elective		
MUP Elective		
MUE Elective		
MDC Elective		
MSC Elective		

Language Requirement: satisfied through completion of a language course at the intermediate level (202 or equivalent) or higher.
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. 16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

It is recommended that students choose upper division MTC courses for their electives.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Music (Popular Music), BA - Non-performance

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIMUSPMBA
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III **OR** **MTC 224 Arranging for Popular Musicians**	C	3
MTC 223 Music Theory: 20th Century **OR** **MTC 225 Popular Music Theory**	C	3
MSC 115 Music Production Fundamentals	C	3
MSC 131 Popular Music Class Piano	C	1
MSC 221 Popular Music Lab MSC 221 is offered in spring semesters only.	C	2

Requirement	Minimum Grade	Credit Hours
MSC 441 Live Sound and Stage Technology I MSC 441 is offered in fall semesters only.	C	1
MSC 221 Popular Music Lab OR **MSC 442 Live Sound and Stage Technology II** OR **MSC 443 Popular Music Forum** OR **MUP 441 Popular Music Ensemble**	C	2
MSC 443 Popular Music Forum	C	2
MSC 444 Popular Music Senior Forum	C	2
MSC 451 Popular Music Industry Studies I	C	3
MSC 452 Popular Music Industry Studies II	C	3
MSC 489 Popular Music Capstone Project	C	6
MSC Elective	C	3
Popular Music Foundations Courses **MSC 211 Songwriting Fundamentals** **MSC 212 Intermediate Music Production** **MSC 213 Sound Design Fundamentals** **MSC 314 Critical Listening**	C	6
Popular Music Foundations Courses **MSC 211 Songwriting Fundamentals** **MSC 212 Intermediate Music Production**	C	2

Requirement	Minimum Grade	Credit Hours
MSC 213 Sound Design Fundamentals		
MSC 314 Critical Listening		
OR MSC Elective		
Upper Division Popular Music Specialization Courses		
FMP 315 Sound Design for Film and Media I	C	18
FMP 415 Sound Design for Film and Media II		
MSC 470 Sound Designer/Producer		
MSC 471 Contemporary Composer/Producer Specialization		
MSC 472 Songwriter/Producer Specialization		
MSC 473 Engineer/Producer Specialization		
MSC 474 Music Business Specialization		
MSC 475 DIY Creative Careers		
MSC 477 Live Experience Design Specialization		
MSC 484 Internship		
MSC 499 Individualized Instruction		
Upper Division School of Music Elective	C	6
MDC Elective		
MHL Elective		

Requirement	Minimum Grade	Credit Hours
MSC Elective		
MTC Elective		
MUE Elective		
MUP Elective		
OR **MSC 484 Internship**		
School of Music, Dance and Theatre Elective		
DCE Elective	C	3
MDC Elective		
MHL Elective		
MSC Elective		
MTC Elective		
MUE Elective		
MUP Elective		
MUS Elective		
THE Elective		
THF Elective		
THP Elective		
School of Music Elective	C	3
MDC Elective		

Requirement	Minimum Grade	Credit Hours
MHL Elective		
MSC Elective		
MTC Elective		
MUE Elective		
MUP Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Music (Popular Music), BA - Performance

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIMUSPMBA
Minimum credit hours: 120
Upper division minimum credit hours: 50

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III **OR** **MTC 224 Arranging for Popular Musicians**	C	3
MTC 223 Music Theory: 20th Century **OR** **MTC 225 Popular Music Theory**	C	3
MSC 115 Music Production Fundamentals	C	3
MSC 131 Popular Music Class Piano	C	1
MSC 221 Popular Music Lab **OR** **MSC 441 Live Sound and Stage Technology I**	C	3

Requirement	Minimum Grade	Credit Hours
OR MSC 443 Popular Music Forum OR MUP 441 Popular Music Ensemble		
MSC 443 Popular Music Forum	C	2
MSC 451 Popular Music Industry Studies I	C	3
MSC 452 Popular Music Industry Studies II	C	3
MSC 444 Popular Music Senior Forum	C	2
MSC 489 Popular Music Capstone Project	C	6
MSC Elective	C	3
MUP 111 Studio Instruction	C	4
MUP 111 Studio Instruction OR Popular Music Foundations Course MSC 211 Songwriting Fundamentals MSC 212 Intermediate Music Production MSC 213 Sound Design Fundamentals MSC 314 Critical Listening	C	4
MUP 441 Popular Music Ensemble	C	2
Upper Division Popular Music Specialization Courses FMP 315 Sound Design for Film and Media I FMP 415 Sound Design for Film and Media II	C	18

Requirement	Minimum Grade	Credit Hours
MSC 311 Popular Music Advanced Studio		
If a student wishes to pursue MSC 311, they must first enroll in MUP 111 for four terms.		
MSC 470 Sound Designer/Producer		
MSC 471 Contemporary Composer/Producer Specialization		
MSC 472 Songwriter/Producer Specialization		
MSC 473 Engineer/Producer Specialization		
MSC 474 Music Business Specialization		
MSC 475 DIY Creative Careers		
MSC 476 Popular Music Performer Specialization		
MSC 477 Live Experience Design Specialization		
MSC 484 Internship		
MSC 499 Individualized Instruction		
Upper Division School of Music Elective	C	6
MDC Elective		
MHL Elective		
MSC Elective		
MTC Elective		
MUE Elective		

Requirement	Minimum Grade	Credit Hours
MUP Elective		
OR **MSC 484 Internship**		
School of Music, Dance and Theatre Elective		
DCE Elective	C	3
MDC Elective		
MHL Elective		
MSC Elective		
MTC Elective		
MUE Elective		
MUP Elective		
MUS Elective		
THE Elective		
THF Elective		
THP Elective		
School of Music Elective	C	3
MDC Elective		
MHL Elective		
MSC Elective		
MTC Elective		

Requirement	Minimum Grade	Credit Hours
MUE Elective		
MUP Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Music Learning and Teaching, BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSEBM
Minimum credit hours: 120
Upper division minimum credit hours: 54

Requirement	Minimum Grade
MHL 140 Sounds and Cultures (GCSI)	C
MHL 201 Media Literacy for Musicians (QTRS) OR **AME 111 Introduction to Digital Culture (QTRS)**	C
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C
Upper Division **MHL Elective**	C
MTC 125 Music Theory I	C
MTC 221 Music Theory II	C
MTC 222 Music Theory III	C
Music Theory Core Elective	C

- **MTC 223 Music Theory: 20th Century**
- **MTC 225 Popular Music Theory**
- **MTC 251 Introduction to Music Cognition**
- **MTC 327 Form and Analysis I**
- **MTC 422 Musical Acoustics**

Requirement	Minimum Grade
MTC 425 Studies in 20th- and 21st-Century Theory	
MTC 440 Jazz Theory and Ear Training	
MTC 441 Jazz Composition	
MTC 494 Topic: Analysis of Song	
MTC 494 Topic: Composing for Film and Media	
MUE 110 Introduction to Music Education	C
MUE 154 Gesture and Sound	C
MUE 161 Introduction to Music Therapy	C
MUE 319 Digital and Hybrid Lab	C
Upper Division MUE Lab Course	
MUE 317 Strings Lab	
MUE 321 Jazz Lab	
MUE 323 Keyboard Lab	
MUE 325 Voice/Choral Lab	
MUE 327 Brass Lab	C
MUE 334 Guitar Lab	
MUE 336 Percussion Lab	
MUE 337 Woodwinds Lab	
MUE 394 Topic: Popular Music Lab for Teachers	

Requirement	Minimum Grade
Upper Division The Art of Teaching Courses **MUE 413 The Art of Teaching Children Music** **MUE 415 The Art of Teaching Contemporary Musicians** **MUE 479 Art of Teaching Beginning Vocalists** **MUE 480 Art of Teaching Advanced Vocalists** **MUE 481 The Art of Teaching Beginning Instrumentalists** **MUE 482 The Art of Teaching Advanced Instrumentalists** Students must complete their milestone successfully and earn a B or better in all Art of Teaching courses to begin their student teaching.	B
Information on enrolling in internship and student teaching placements can be found at: https://docs.google.com/document/d/1e4t3ftHjnM6ml65zta7xEwYDvD58-kvVDwOy1_I7SVk/edit?tab=t.0#heading=h.4lsx2jf6i61e	
MUE 484 Internship Students will enroll in MUE 484 twice; once for internship rotation (1 credit) and a second time for student teaching (12 credits).	C
MUP 111 Studio Instruction	C
MUP 131 Class Piano OR **MUP 133 Class Voice**	C
MUP 132 Class Piano OR **MUP 134 Class Voice**	C
MUP 311 Studio Instruction	C

Requirement		Minimum Grade	
400-Level MUP Music Ensemble **MUP 442 Instrumental Ensembles** **MUP 443 Choral Ensembles** **MUP 444 Maroon and Gold Concert Band** **MUP 450 Choral Union** **MUP 455 Canticum Bassum** **MUP 457 Sol Singers** **MUP 479 Topic: Guitar Ensemble** **MUP 486 Jazz Band**		C	
MUP 495 Performance		C	
BLE 220 Foundations of Structured English Immersion (HUAD)	C		3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C		3
TEL 366 Professional Experience Internship Students will enroll in TEL 366 twice, for one credit hour each time.	C		2

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
MUE 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Music Therapy, BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSTHBM
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
Music Theory Core Elective	C	3

- **MTC 223 Music Theory: 20th Century**
- **MTC 225 Popular Music Theory**
- **MTC 251 Introduction to Music Cognition**
- **MTC 327 Form and Analysis I**
- **MTC 422 Musical Acoustics**
- **MTC 425 Studies in 20th- and 21st-Century Theory**

Requirement	Minimum Grade	Credit Hours
MTC 440 Jazz Theory and Ear Training		
MTC 441 Jazz Composition		
MTC 494 Topic: Analysis of Song		
MTC 494 Topic: Composing for Film and Media		
MUE 161 Introduction to Music Therapy AND MUE 162 Introduction to Music Therapy Lab	C	3
MUE 260 Repertoire for Music Therapy	C	2
MUE 261 Music Therapy Treatment Process	C	3
MUE 335 Educational Methods for Guitar	C	1
MUE 384 Therapy Practicum I	C	1
MUE 385 Therapy Practicum II	C	1
MUE 386 Therapy Practicum III	C	2
MUE 387 Therapy Practicum IV	C	2
MUE 381 Music Therapy Research	C	3
MUE 434 Health Rhythms Drum Facilitation	C	2
MUE 441 Psychology of Music	C	3
MUE 463 Music Therapy Theory and Practice II	C	3
MUE 467 Music Therapy Theory and Practice I	C	3

Requirement	Minimum Grade	Credit Hours
MUE 475 Group Process and Music Therapy	C	3
MUE 476 Internship in Music Therapy	C	1
MUP 111 Studio Instruction	C	8
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP 133 Class Voice	C	1
MUP 134 Class Voice	C	1
MUP 209 Beginning Choral Conducting OR MUP 210 Beginning Instrumental Conducting	C	1
MUP 231 Class Piano OR MUP 235 Jazz Piano	C	1
MUP 232 Class Piano OR MUP 236 Jazz Piano	C	1
Upper Division Advanced Performance Courses	C	4
MUP 311 Studio Instruction		
MUP 321 Studio Instruction		
MUP 417 Applied Jazz Improvisation		
MUP 479 Topic: Piano Ensemble		
MUP 485 Percussion Ensemble		

Requirement	Minimum Grade	Credit Hours
MUP 489 Ethnomusicology Ensembles		
400-Level MUP Music Ensemble		
MUP 442 Instrumental Ensembles MUP 443 Choral Ensembles MUP 444 Maroon and Gold Concert Band MUP 450 Choral Union MUP 455 Canticum Bassum MUP 457 Sol Singers MUP 458 ASU Gospel Choir MUP 479 Chamber Music Ensembles MUP 486 Jazz Band	C	6
BIO 160 Introduction to Anatomy and Physiology (SCIT)	C	4
CDE 232 Human Development (SOBE)	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS) OR STP 226 Elements of Statistics (QTRS)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUE 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

International students may need a minimum of one additional semester to complete the program.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance (Collaborative Piano), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSPPBM
Minimum credit hours: 120
Upper division minimum credit hours: 51

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
MHL 341 Music History I (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	6
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
MTC 428 Form and Analysis II	C	3
Music Theory Core Elective	C	3

> **MTC 223 Music Theory: 20th Century**
>
> **MTC 225 Popular Music Theory**
>
> **MTC 294 Topic: Introduction to Music Cognition**
>
> **MTC 327 Form and Analysis I**
>
> **MTC 422 Musical Acoustics**

Requirement	Minimum Grade	Credit Hours
MTC 425 Studies in 20th- and 21st-Century Theory		
MTC 440 Jazz Theory and Ear Training		
MTC 441 Jazz Composition		
MTC 494 Topic: Analysis of Song		
MTC 494 Topic: Composing for Film and Media		
MUP 127 Studio Instruction	C	16
MUP 209 Beginning Choral Conducting OR **MUP 210 Beginning Instrumental Conducting**	C	1
MUP 250 Diction for Singers	C	1
MUP 311 Studio Instruction	C	8
MUP 337 Studio Instruction: Collaborative Piano	C	8
MUP 388 Collaborative Piano	C	4
MUP 451 Topic: Piano Chamber Music	C	2
MUP 453 Art Song Repertoire OR **Upper Division School of Music Elective**	C	4
MHL Elective		
MTC Elective		
MUP Elective		
MUE Elective		

Requirement	Minimum Grade	Credit Hours
MDC Elective		
MSC Elective		
MUP 479 Topic: Piano Ensemble	C	3
MUP 487 Collaborative Piano	C	1
MUP 495 Performance Students will take this course twice.	Y	
MUP 496 Performance Students will take this course twice.	Y	
400-Level MUP Music Ensemble Courses	C	2
MUP 442 Instrumental Ensembles		
MUP 443 Choral Ensembles		
MUP 444 Maroon and Gold Concert Band		
MUP 450 Choral Union		
MUP 455 Canticum Bassum		
MUP 457 Sol Singers		
MUP 458 ASU Gospel Choir		
MUP 479 Chamber Music Ensembles		
MUP 485 Percussion Ensemble		
MUP 486 Jazz Band		

Requirement	Minimum Grade	Credit Hours
MUP 489 Ethnomusicology Ensembles		
Upper Division **MHL Elective** **OR** Upper Division **MUP Elective** Recommended: **MUP 438** OR **MUP 451** OR **MUP 484** **OR** Upper Division **MUE Elective** **OR** Upper Division **MTC Elective** **OR** Upper Division **MSC Elective** **OR** Upper Division **MDC Elective**	C	7
MSC 115 Music Production Fundamentals **OR** **MSC 212 Intermediate Music Production** **OR** **MUP 438 The Enterprising Artist** **OR** **MUP 451 Repertoire** **OR** **MUP 484 Internship** **OR** **School of Music Elective**		
MHL Elective MTC Elective MUP Elective MUE Elective MDC Elective MSC Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance (Guitar), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSPGBM
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)		3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)		3
Upper Division MHL Through Present Time Course **MHL 342 Music History II (HUAD)** **MHL 344 Music in World Cultures (GCSI)** **MHL 363 Survey of Russian Music** **MHL 365 Popular Music and Race (HUAD)** **MHL 440 Topics in 20th-Century Music** **MHL 441 Concerts in the 20th Century** **MHL 445 Music of the Silk Road (HUAD)** **MHL 447 Music and Healing (HUAD)** **MHL 494 Topic: Recycled Music: Medieval to Modern**	C	3

Requirement	Minimum Grade	Credit Hours
MUP 127 Studio Instruction	C	16
MUP 327 Studio Instruction	C	16
MUP 479 Topic: Guitar Ensemble	C	8
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
MTC 320 Modal Counterpoint OR MTC 321 Tonal Counterpoint	C	2
Music Theory Core Elective MTC 223 Music Theory: 20th Century MTC 225 Popular Music Theory MTC 294 Topic: Introduction to Music Cognition MTC 327 Form and Analysis I MTC 422 Musical Acoustics MTC 425 Studies in 20th- and 21st-Century Theory MTC 440 Jazz Theory and Ear Training MTC 441 Jazz Composition MTC 494 Topic: Analysis of Song MTC 494 Topic: Composing for Film and Media	C	3

Requirement	Minimum Grade	Credit Hours
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP 209 Beginning Choral Conducting OR **MUP 210 Beginning Instrumental Conducting**	C	1
MUP 231 Class Piano	C	1
MUP 232 Class Piano	C	1
MUP 451 Repertoire	C	2
MUP 481 Performance Pedagogy and Materials	C	2
MUP 495 Performance	C	
MUP 496 Performance	C	
School of Music Elective MUP Elective MTC Elective MUE Elective MHL Elective MSC Elective MDC Elective		6
Upper Division School of Music Elective MUP Elective	C	6

Requirement	Minimum Grade	Credit Hours
MTC Elective		
MUE Elective		
MHL Elective		
MSC Elective		
MDC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance (Jazz), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSPJBM
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division MHL Through Present Time Course **MHL 342 Music History II (HUAD)** **MHL 344 Music in World Cultures (GCSI)** **MHL 363 Survey of Russian Music** **MHL 365 Popular Music and Race (HUAD)** **MHL 440 Topics in 20th-Century Music** **MHL 441 Concerts in the 20th Century** **MHL 445 Music of the Silk Road (HUAD)** **MHL 447 Music and Healing (HUAD)** **MHL 494 Topic: Recycled Music: Medieval to Modern**	C	3

Requirement	Minimum Grade	Credit Hours
MUP 127 Studio Instruction	C	16
MUP 327 Studio Instruction	C	16
MUP 479 Topic: Jazz Combo	C	6
MUP 486 Jazz Band	C	4
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
MTC 415 Scoring for Instrumental Jazz Ensembles I	C	2
MTC 416 Scoring for Instrumental Jazz Ensembles II	C	2
MTC 440 Jazz Theory and Ear Training	C	2
MTC 441 Jazz Composition	C	2
Music Theory Core Elective	C	3

- MTC 223 Music Theory: 20th Century
- MTC 225 Popular Music Theory
- MTC 294 Topic: Introduction to Music Cognition
- MTC 327 Form and Analysis I
- MTC 422 Musical Acoustics
- MTC 425 Studies in 20th- and 21st-Century Theory
- MTC 440 Jazz Theory and Ear Training

Requirement	Minimum Grade	Credit Hours
MTC 441 Jazz Composition		
MTC 494 Topic: Analysis of Song		
MTC 494 Topic: Composing for Film and Media		
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP 235 Jazz Piano	C	1
MUP 236 Jazz Piano	C	1
MUP 319 Advanced Audio Engineering in the Arts	C	2
MUP 451 Topic: Jazz Repertoire	C	4
MUP 495 Performance	C	
MUP 496 Performance	C	
Music Elective		
MHL Elective	C	3
MTC Elective		
MUP Elective		
MUE Elective		
MDC Elective		
MSC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance (Keyboard), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSPKBM
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
MHL 341 Music History I (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division MHL Through Present Time Course	C	3

- **MHL 342 Music History II (HUAD)**
- **MHL 344 Music in World Cultures (GCSI)**
- **MHL 363 Survey of Russian Music**
- **MHL 365 Popular Music and Race (HUAD)**
- **MHL 440 Topics in 20th-Century Music**
- **MHL 441 Concerts in the 20th Century**
- **MHL 445 Music of the Silk Road (HUAD)**
- **MHL 447 Music and Healing (HUAD)**

Requirement	Minimum Grade	Credit Hours
MHL 494 Topic: Recycled Music: Medieval to Modern		
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
MTC 425 Studies in 20th- and 21st-Century Theory	C	3
Music Theory Core Elective MTC 223 Music Theory: 20th Century MTC 225 Popular Music Theory MTC 294 Topic: Introduction to Music Cognition MTC 327 Form and Analysis I MTC 422 Musical Acoustics MTC 425 Studies in 20th- and 21st-Century Theory MTC 440 Jazz Theory and Ear Training MTC 441 Jazz Composition MTC 494 Topic: Analysis of Song MTC 494 Topic: Composing for Film and Media	C	3
MUP 127 Studio Instruction	C	16
MUP 121 Topic: Harpsichord OR MUP 121 Topic: Organ	C	1

Requirement	Minimum Grade	Credit Hours
MUP 209 Beginning Choral Conducting OR **MUP 210 Beginning Instrumental Conducting**	C	1
MUP 327 Studio Instruction	C	16
MUP 440 Keyboard Harmony	C	1
MUP 451 Topic: Piano Lit I	C	2
MUP 451 Topic: Piano Lit II OR **Upper Division Music Elective** MHL Elective MTC Elective MUP Elective MUE Elective MDC Elective MSC Elective	C	4
MUP 479 Topic: Piano Ensemble	C	2
MUP 481 Topic: Piano: Beginner	C	2
MUP 487 Collaborative Piano	C	2
MUP 495 Performance	C	
MUP 496 Performance	C	
400-Level MUP Music Ensemble	C	4

Requirement	Minimum Grade	Credit Hours
MUP 442 Instrumental Ensembles		
MUP 443 Choral Ensembles		
MUP 444 Maroon and Gold Concert Band		
MUP 450 Choral Union		
MUP 455 Canticum Bassum		
MUP 457 Sol Singers		
MUP 458 ASU Gospel Choir		
MUP 479 Chamber Music Ensembles		
MUP 485 Percussion Ensemble		
MUP 486 Jazz Band		
MUP 489 Ethnomusicology Ensembles		
Music Elective		
MHL Elective		
MTC Elective		
MUP Elective		
MUE Elective	C	3
MDC Elective		
MSC Elective		

Recommended: **MSC 115** OR **MSC 212** OR **MUP 438** OR **MUP 451** OR **MUP 484**

Requirement	Minimum Grade	Credit Hours
Upper Division Music Elective MHL Elective MTC Elective MUP Elective MUE Elective MDC Elective MSC Elective	C	3

Recommended: **MUP 438** OR **MUP 451** OR **MUP 484**

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Completion of Piano Diagnostic Exam determines placement into Class Piano courses.

Ensemble placement is by audition. For questions, see your studio instructor.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance (Music Theatre), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSPMBM
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)		3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)		3
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
Music Theory Core Elective	C	3

- **MTC 223 Music Theory: 20th Century**
- **MTC 225 Popular Music Theory**
- **MTC 294 Topic: Introduction to Music Cognition**
- **MTC 327 Form and Analysis I**
- **MTC 422 Musical Acoustics**
- **MTC 425 Studies in 20th- and 21st-Century Theory**

Requirement	Minimum Grade	Credit Hours
MTC 440 Jazz Theory and Ear Training		
MTC 441 Jazz Composition		
MTC 494 Topic: Analysis of Song		
MTC 494 Topic: Composing for Film and Media		
MUP 111 Topic: Voice	C	8
Completion of Piano Diagnostic Exam determines placement into Class Piano courses. https://musicdancetheatre.asu.edu/admission/new-students		
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP 170 Music Theatre I	C	2
MUP 172 Music Theatre II	C	2
MUP 231 Class Piano	C	1
MUP 270 Music Theatre III	C	2
MUP 272 Music Theatre IV	C	2
MUP 311 Topic: Voice	C	8
MUP 360 Musicianship for Singers	C	1
MUP 370 Music Theatre V	C	2
MUP 373 Music Theatre Performance and Production	C	4

Requirement	Minimum Grade	Credit Hours
MUP 374 Topic: Technical Production I (Foundations)	C	1
MUP 374 Topic: Technical Production II (Practicum)	C	1
MUP 451 Topic: Music Theatre Repertoire	C	2
MUP 465 Music Theatre VI	C	2
MUP 466 Broadway Dance	C	4
MUP 467 Music Theatre Dance Technique MUP 467 must be taken twice in sequence (part one in fall and part two in spring). Students entering the major in the spring semester who have not taken MUP 467 first in the fall semester should wait until the next fall semester to enroll.	C	2
MUP 470 Music Theatre VII	C	2
MUP 471 Topic: Audition Training (Musical Theatre)	C	1
MUP 472 Music Theatre VIII	C	2
DCE Movement Elective	C	8

- **DCE 110 Argentine Tango I**
- **DCE 120 Nonmajors Contemporary Modern I**
- **DCE 121 Ballet I**
- **DCE 122 Jazz I**
- **DCE 123 Nonmajors Hip Hop I**
- **DCE 124 Latin/Swing/Ballroom I**
- **DCE 125 Nonmajors Afro-Latin/Salsa I**

Requirement	Minimum Grade	Credit Hours
DCE 126 Country-Western		
DCE 133 Hip Hop I		
DCE 134 Contemporary Modern I		
DCE 135 Contemporary Ballet I		
DCE 136 Introduction to Somatic Movement		
DCE 139 Afro-Latin Salsa I		
DCE 194 Topic: Tap		
DCE 210 Argentine Tango II		
DCE 220 Nonmajors Contemporary Modern II		
DCE 221 Ballet II		
DCE 224 Latin/Swing/Ballroom II		
DCE 225 Nonmajors Afro-Latin/Salsa II		
DCE 239 Afro-Latin Salsa II		
DCE 294 Topic: Jazz Practices		
DCE 324 Latin/Swing/Ballroom III		
DCE 339 Afro-Latin Salsa III		
DCE 394 Topic: Jazz III		
DCE 494 Topic: Latin/Salsa IV		
MUP 494 Topic: Music Theatre Dance: Commercial Movement		

Requirement	Minimum Grade	Credit Hours
MUP 494 Topic: Music Theatre Dance: Tap I		
MUP 494 Topic: Music Theatre Dance: Tap II		
Upper Division Choral Ensemble		
MUP 443 Choral Ensembles		
MUP 450 Choral Union		
MUP 457 Sol Singers	C	2
MUP 458 ASU Gospel Choir		
MUP 459 Barrett Choir		
MUP 459 Topic: Barrett Choir (Honors)		
Upper Division Music Elective		
Upper Division MDC Elective		
Upper Division MHL Elective		
Upper Division MSC Elective		
Upper Division MTC Elective	C	2
Upper Division MUE Elective		
Upper Division MUP Elective		
Upper Division THF Elective		
Upper Division THP Elective		

Requirement	Minimum Grade	Credit Hours
Upper Division Music Theatre Elective		
DCE Elective MUP Elective THP Elective THF Elective	C	3

OR **MUP 484 Internship**

OR **THP 484 Internship**

OR **DCE 484 Internship**

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Ensemble placement is by audition. For questions, see your studio instructor.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance (Orchestral Instrument), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSPOBM
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division MHL Through Present Time Course	C	3

- **MHL 342 Music History II (HUAD)**
- **MHL 344 Music in World Cultures (GCSI)**
- **MHL 363 Survey of Russian Music**
- **MHL 365 Popular Music and Race (HUAD)**
- **MHL 440 Topics in 20th-Century Music**
- **MHL 441 Concerts in the 20th Century**
- **MHL 445 Music of the Silk Road (HUAD)**
- **MHL 447 Music and Healing (HUAD)**

Requirement	Minimum Grade	Credit Hours
MHL 494 Topic: Recycled Music: Medieval to Modern		
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
Music Theory Core Elective **MTC 223 Music Theory: 20th Century** **MTC 225 Popular Music Theory** **MTC 294 Topic: Introduction to Music Cognition** **MTC 327 Form and Analysis I** **MTC 422 Musical Acoustics** **MTC 425 Studies in 20th- and 21st-Century Theory** **MTC 440 Jazz Theory and Ear Training** **MTC 441 Jazz Composition** **MTC 494 Topic: Analysis of Song** **MTC 494 Topic: Composing for Film and Media**	C	3
MUP 127 Studio Instruction	C	16
Completion of Piano Diagnostic Exam determines placement into Class Piano courses. https://musicdancetheatre.asu.edu/admission/new-students		

Requirement	Minimum Grade	Credit Hours
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP 210 Beginning Instrumental Conducting	C	1
MUP 231 Class Piano	C	1
MUP 232 Class Piano	C	1
MUP 327 Studio Instruction	C	16
MUP 442 Instrumental Ensembles	C	8
Ensemble placement is by audition. For questions, see your studio instructor.		
MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.		
MUP 451 Repertoire	C	2
MUP 479 Chamber Music Ensembles	C	4
MUP 481 Performance Pedagogy and Materials	C	2
MUP 495 Performance	C	
MUP 496 Performance	C	
Music Elective		5
MHL Elective		
MTC Elective		

Requirement	Minimum Grade	Credit Hours
MUP Elective		
MUE Elective		
MDC Elective		
MSC Elective		
Upper Division Music Elective		
MHL Elective		
MTC Elective		
MUP Elective		5
MUE Elective		
MDC Elective		
MSC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance (Voice), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSPVBM
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division MHL - Cross-Historical **MHL 342 Music History II (HUAD)** **MHL 447 Music and Healing (HUAD)** **MHL 494 Topic: Music, Nature and Sustainability** **MHL 494 Topic: Recycled Music: Medieval to Modern**	C	3
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
Music Theory Core Elective	C	3

Requirement	Minimum Grade	Credit Hours
MTC 223 Music Theory: 20th Century		
MTC 225 Popular Music Theory		
MTC 294 Topic: Introduction to Music Cognition		
MTC 327 Form and Analysis I		
MTC 422 Musical Acoustics		
MTC 425 Studies in 20th- and 21st-Century Theory		
MTC 440 Jazz Theory and Ear Training		
MTC 441 Jazz Composition		
MTC 494 Topic: Analysis of Song		
MTC 494 Topic: Composing for Film and Media		
MUP 111 Topic: Voice	C	4
Completion of Piano Diagnostic Exam determines placement into Class Piano course. https://musicdancetheatre.asu.edu/admission/new-students		
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1
MUP 170 Music Theatre I	C	2
MUP 172 Music Theatre II	C	2
MUP 231 Class Piano	C	1

Requirement	Minimum Grade	Credit Hours
MUP 232 Class Piano	C	1
MUP 250 Topic: French	C	1
MUP 250 Topic: German	C	1
MUP 250 Topic: Italian Students starting in odd-numbered fall semester follow this MUP 250 Diction sequence starting in Term 1: Italian, German, French. Students starting in even-numbered fall semester follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.	C	1
MUP 311 Topic: Voice	C	4
MUP 327 Topic: Voice	C	16
MUP 360 Musicianship for Singers	C	1
MUP 451 Topic: Opera Repertoire	C	2
MUP 453 Art Song Repertoire	C	2
MUP 481 Performance Pedagogy and Materials	C	2
MUP 495 Topic: Voice	C	
MUP 496 Topic: Voice	C	
Upper Division **MUP Elective** Recommended: **MUP 471**	C	1
Upper Division Choral Ensemble **MUP 443 Choral Ensembles** **MUP 443 Topic: Chamber Singers**	C	8

Requirement	Minimum Grade	Credit Hours
MUP 443 Topic: Concert Choir **MUP 450 Choral Union** **MUP 455 Canticum Bassum** **MUP 457 Sol Singers** **MUP 458 ASU Gospel Choir** **MUP 459 Barrett Choir** **MUP 459 Topic: Barrett Choir (Honors)**		
MUP 458 (ASU Gospel Choir) can only be applied to your program twice, any other attempts would not help towards graduation.		
Ensemble placement is by audition. For questions, see your studio instructor.		
FRE 101 Elementary French I	C	4
GER 101 Elementary German I	C	4
ITA 101 Elementary Italian I	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance and Movement, BA - Dance and Theatre

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIPERMVBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
DCE 136 Introduction to Somatic Movement	C	2
DCE 160 Creative Practices I	C	3
DCE 201 Dance, Culture, and Global Contexts (GCSI) OR **DCE 202 Dance in U.S. Popular Culture (HUAD)** OR **THF 220 Principles of Dramatic Analysis (HUAD)**	C	3
DCE 461 Transitions II OR **THF 497 Senior Project**	C	2 - 3
DCE 484 Internship OR **THP 484 Internship** OR Upper Division **DCE Elective** OR Upper Division **THE Elective** OR Upper Division **THP Elective** OR Upper Division **THF Elective**	C	3
DCE Elective OR **THE Elective** OR **THF Elective** OR **THP Elective**	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division **DCE Elective** **OR** Upper Division **THE Elective** **OR** Upper Division **THP Elective** **OR** Upper Division **THF Elective**	C	9
THF 126 Professional Development: Communication and Collaboration	C	2
THF 160 Introduction to Storytelling (HUAD)	C	3
THF 397 Professional Development Seminar	C	1
Lower Division Creative Practice Course	C	3 - 4

- **ART 116 Introduction to Digital Media**
- **ART 216 Contemporary Art in Practice: Methods, Making, Meaning**
- **DCE 161 Creative Practices II**
- **DCE 240 Media for Dance (QTRS)**
- **DCE 260 Creative Practices III**
- **DCE 261 Creative Practices IV**
- **MTC 125 Music Theory I**
- **MUS 100 Fundamentals of Music Notation**
- **MUS 145 Nonmajors Class Piano: Beginner**
- **THF 215 Design and Composition for Theatre and Film (HUAD)**
- **THP 213 Introduction to Technical Theatre**

Requirement	Minimum Grade	Credit Hours
THP 214 Introduction to Costuming		
THP 218 Directing I: Introduction to Directing		
THP 260 Introduction to Dramatic Writing		
Lower Division Physical Practice Course	C	8 - 12
DCE 110 Argentine Tango I		
DCE 120 Nonmajors Contemporary Modern I		
DCE 121 Ballet I		
DCE 122 Jazz I		
DCE 123 Nonmajors Hip Hop I		
DCE 124 Latin/Swing/Ballroom I		
DCE 125 Nonmajors Afro-Latin/Salsa I		
DCE 126 Country-Western		
DCE 133 Hip Hop I		
DCE 134 Contemporary Modern I		
DCE 135 Contemporary Ballet I		
DCE 136 Introduction to Somatic Movement		
DCE 137 African and Diaspora Movement Practices I		
DCE 139 Afro-Latin Salsa I		
DCE 220 Nonmajors Contemporary Modern II		

Requirement	Minimum Grade	Credit Hours
DCE 224 Latin/Swing/Ballroom II		
DCE 225 Nonmajors Afro-Latin/Salsa II		
DCE 233 Hip Hop II		
DCE 234 Contemporary Modern II		
DCE 236 Somatic Movement Applications: A Closer Look		
DCE 238 Hip Hop Ensemble		
DCE 239 Afro-Latin Salsa II		
DCE 294 Topic: Authentic Jazz Dance		
MUP 170 Music Theatre I		
MUP 172 Music Theatre II		
MUP 270 Music Theatre III		
MUP 272 Music Theatre IV		
MUS 146 Singing for Nonmajors I		
THF 101 Acting Introduction		
THP 102 Acting I		
THP 122 Acting II		
THP 203 Acting III		
THP 222 Acting IV		
THP 272 Movement I		

Requirement	Minimum Grade	Credit Hours
Upper Division Community Engagement and Education Course		
ART 442 Art and Community	C	3
DCE 354 Creative Approaches to Teaching Dance I		
DCE 356 Creative Approaches to Teaching Dance II		
THE 325 Play Reading for Educational Theatre		
THE 480 Methods of Teaching Theatre		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 351 Arts Management (HUAD)		
THP 411 Methods of Teaching Drama		
THP 450 Theatre Organization and Management		
Upper Division Creative Practice Course	C	2 - 3
ART 443 Performance Art: Actions, Gestures, Journeys		
DCE 360 Creative Practices V		
DCE 361 Creative Practices VI		
DCE 460 Transitions I		
DCE 461 Transitions II		
THP 318 Directing II: Intermediate Directing		
THP 330 Costume Design		
THP 332 Makeup		

Requirement	Minimum Grade	Credit Hours
THP 345 Lighting Design		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 360 Intermediate Playwriting		
THP 440 Advanced Scene Design		
Upper Division History and Context Course	C	3
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 302 History of American Hip Hop Dance (HUAD)		
DCE 306 History of Salsa: Afro-Latin Social and Global Contexts (HUAD)		
DCE 402 Ethnography of Dance Practices (HUAD)		
DCE 404 Dance and Ethics (CIVI)		
DCE 405 Writing the Creating Body (HUAD)		
THE 320 History of the Theatre I (GCSI)		
THE 321 History of the Theatre II (HUAD)		
THE 322 Theatre History and Culture (HUAD)		
THE 325 Play Reading for Educational Theatre		
THE 421 Shakespeare: Stage and Film (HUAD)		
THE 422 Latinx Theatre and Film (HUAD)		

Requirement	Minimum Grade	Credit Hours
THE 423 African American Theatre (HUAD)		
THE 430 History of Fashion I (HUAD)		
THE 431 History of Fashion II: 20th-Century Fashion (HUAD)		
Upper Division Physical Practice Course	C	3
DCE 324 Latin/Swing/Ballroom III		
DCE 333 Hip Hop III		
DCE 334 Contemporary Modern III		
DCE 335 Contemporary Ballet III		
DCE 336 Somatic Movement Development and Facilitation		
DCE 339 Afro-Latin Salsa III		
MUP 370 Music Theatre V		
MUP 465 Music Theatre VI		
MUP 466 Broadway Dance		
MUP 470 Music Theatre VII		
MUP 471 Music Theatre: Workshops		
MUP 472 Music Theatre VIII		
THP 301 Theatre Production		
THP 302 Acting V		

Requirement	Minimum Grade	Credit Hours
THP 307 Acting: Ten-Minute Plays		
THP 372 Movement II		
THP 377 Voice and Speech II		
THP 387 Acting VI		
THP 482 Theatre for Social Change (CIVI)		
Upper Division Production and Technical Course	C	1 - 3
DCE 438 Dance Theatre Performance/Production		
MUP 373 Music Theatre Performance and Production		
MUP 374 Music Theatre Technical Production		
THP 301 Theatre Production		
THP 317 Stage Management		
THP 331 Costume Construction		
THP 332 Makeup		
THP 335 Stagecraft		
THP 345 Lighting Design		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 401 Theatre Practicum		
THP 435 Technical Direction		

Requirement	Minimum Grade	Credit Hours
THP 442 Rendering for Design and Production		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DCE 170 First-Year Seminar I		1 - 2

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance and Movement, BA - Social and Partnership Dance

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIPERMVBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
DCE 124 Latin/Swing/Ballroom I	C	2
DCE 125 Nonmajors Afro-Latin/Salsa I	C	2
DCE 136 Introduction to Somatic Movement	C	2
DCE 160 Creative Practices I	C	3
DCE 201 Dance, Culture, and Global Contexts (GCSI) OR **DCE 202 Dance in U.S. Popular Culture (HUAD)** OR **THF 220 Principles of Dramatic Analysis (HUAD)**	C	3
DCE 224 Latin/Swing/Ballroom II	C	2
DCE 225 Nonmajors Afro-Latin/Salsa II	C	2
DCE 306 History of Salsa: Afro-Latin Social and Global Contexts (HUAD)	C	3
DCE 324 Latin/Swing/Ballroom III	C	4
DCE 461 Transitions II OR **THF 497 Senior Project**	C	2 - 3

Requirement	Minimum Grade	Credit Hours
DCE Elective OR **THE Elective** OR **THF Elective** OR **THP Elective**	C	3
Upper Division **DCE Elective** OR Upper Division **THE Elective** OR Upper Division **THP Elective** OR Upper Division **THF Elective**	C	9
DCE 484 Internship OR **THP 484 Internship** OR Upper Division **DCE Elective** OR Upper Division **THE Elective** OR Upper Division **THP Elective** OR Upper Division **THF Elective**	C	3
THF 126 Professional Development: Communication and Collaboration	C	2
THF 160 Introduction to Storytelling (HUAD)	C	3
THF 397 Professional Development Seminar	C	1
Lower Division Creative Practice Course **ART 116 Introduction to Digital Media** **ART 216 Contemporary Art in Practice: Methods, Making, Meaning** **DCE 161 Creative Practices II** **DCE 240 Media for Dance (QTRS)**	C	3

Requirement	Minimum Grade	Credit Hours
DCE 260 Creative Practices III		
DCE 261 Creative Practices IV		
MTC 125 Music Theory I		
MUS 100 Fundamentals of Music Notation		
MUS 145 Nonmajors Class Piano: Beginner		
THF 215 Design and Composition for Theatre and Film (HUAD)		
THP 213 Introduction to Technical Theatre		
THP 214 Introduction to Costuming		
THP 218 Directing I: Introduction to Directing		
THP 260 Introduction to Dramatic Writing		
Upper Division Community Engagement and Education Course	C	3
ART 442 Art and Community		
DCE 354 Creative Approaches to Teaching Dance I		
DCE 356 Creative Approaches to Teaching Dance II		
THE 325 Play Reading for Educational Theatre		
THE 480 Methods of Teaching Theatre		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)		
THP 351 Arts Management (HUAD)		

Requirement	Minimum Grade	Credit Hours
THP 411 Methods of Teaching Drama		
THP 450 Theatre Organization and Management		
THP 482 Theatre for Social Change (CIVI)		
Upper Division Creative Practice Course		
ART 443 Performance Art: Actions, Gestures, Journeys		
DCE 360 Creative Practices V		
DCE 361 Creative Practices VI		
DCE 460 Transitions I		
DCE 461 Transitions II		
THP 318 Directing II: Intermediate Directing		
THP 330 Costume Design	C	2
THP 332 Makeup		
THP 345 Lighting Design		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 360 Intermediate Playwriting		
THP 440 Advanced Scene Design		
THP 455 Advanced Media Design		
Upper Division Physical Practice Course	C	3

Requirement	Minimum Grade	Credit Hours
DCE 324 Latin/Swing/Ballroom III		
DCE 333 Hip Hop III		
DCE 334 Contemporary Modern III		
DCE 335 Contemporary Ballet III		
DCE 336 Somatic Movement Development and Facilitation		
DCE 339 Afro-Latin Salsa III		
MUP 370 Music Theatre V		
MUP 465 Music Theatre VI		
MUP 466 Broadway Dance		
MUP 470 Music Theatre VII		
MUP 471 Music Theatre: Workshops		
MUP 472 Music Theatre VIII		
THP 301 Theatre Production		
THP 302 Acting V		
THP 307 Acting: Ten-Minute Plays		
THP 372 Movement II		
THP 377 Voice and Speech II		
THP 387 Acting VI		
THP 482 Theatre for Social Change (CIVI)		

Requirement	Minimum Grade	Credit Hours
THP 489 Acting: Audition Techniques and Career Development		
Upper Division Production and Technical Course		
DCE 438 Dance Theatre Performance/Production		
MUP 373 Music Theatre Performance and Production		
MUP 374 Music Theatre Technical Production		
THP 301 Theatre Production		
THP 317 Stage Management		
THP 331 Costume Construction		
THP 332 Makeup		
THP 335 Stagecraft	C	1
THP 345 Lighting Design		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 401 Theatre Practicum		
THP 435 Technical Direction		
THP 442 Rendering for Design and Production		
THP 448 AutoCAD for Live Entertainment (QTRS)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DCE 170 First-Year Seminar I		1 - 2

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Performance and Movement, BA - Hip Hop Arts

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: HIPERMVBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
DCE 133 Hip Hop I	C	4
DCE 136 Introduction to Somatic Movement	C	2
DCE 160 Creative Practices I	C	3
DCE 201 Dance, Culture, and Global Contexts (GCSI) OR **DCE 202 Dance in U.S. Popular Culture (HUAD)** OR **THF 220 Principles of Dramatic Analysis (HUAD)**	C	3
DCE 233 Hip Hop II	C	4
DCE 302 History of American Hip Hop Dance (HUAD)	C	3
DCE 333 Hip Hop III		6
DCE 461 Transitions II OR **THF 497 Senior Project**	C	2 - 3
DCE 484 Internship OR **THP 484 Internship** OR Upper Division **DCE Elective** OR Upper Division **THE Elective**	C	3

Requirement	Minimum Grade	Credit Hours
OR Upper Division **THP Elective** OR Upper Division **THF Elective**		
DCE Elective OR **THE Elective** OR **THF Elective** OR **THP Elective**	C	3
Upper Division **DCE Elective** OR Upper Division **THE Elective** OR Upper Division **THP Elective** OR Upper Division **THF Elective**	C	9
THF 126 Professional Development: Communication and Collaboration	C	2
THF 160 Introduction to Storytelling (HUAD)	C	3
THF 397 Professional Development Seminar	C	1
Lower Division Creative Practice Course **ART 116 Introduction to Digital Media** **ART 216 Contemporary Art in Practice: Methods, Making, Meaning** **DCE 161 Creative Practices II** **DCE 240 Media for Dance (QTRS)** **DCE 260 Creative Practices III** **DCE 261 Creative Practices IV** **MTC 125 Music Theory I**	C	3 - 4

Requirement	Minimum Grade	Credit Hours
MUS 100 Fundamentals of Music Notation		
MUS 145 Nonmajors Class Piano: Beginner		
THF 215 Design and Composition for Theatre and Film (HUAD)		
THP 213 Introduction to Technical Theatre		
THP 214 Introduction to Costuming		
THP 218 Directing I: Introduction to Directing		
THP 260 Introduction to Dramatic Writing		
Upper Division Community Engagement and Education Course		
ART 442 Art and Community		
DCE 354 Creative Approaches to Teaching Dance I		
DCE 356 Creative Approaches to Teaching Dance II		
THE 325 Play Reading for Educational Theatre		
THE 480 Methods of Teaching Theatre		
THP 311 Drama and Education: Performance Methods for Teaching (HUAD)	C	3
THP 351 Arts Management (HUAD)		
THP 411 Methods of Teaching Drama		
THP 450 Theatre Organization and Management		
THP 455 Advanced Media Design		

Requirement	Minimum Grade	Credit Hours
Upper Division Creative Practice Course		
ART 443 Performance Art: Actions, Gestures, Journeys	C	2
DCE 360 Creative Practices V		
DCE 361 Creative Practices VI		
DCE 460 Transitions I		
DCE 461 Transitions II		
THP 318 Directing II: Intermediate Directing		
THP 330 Costume Design		
THP 332 Makeup		
THP 345 Lighting Design		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 360 Intermediate Playwriting		
THP 440 Advanced Scene Design		
THP 455 Advanced Media Design		
Upper Division Physical Practice Course	C	3
DCE 324 Latin/Swing/Ballroom III		
DCE 333 Hip Hop III		
DCE 334 Contemporary Modern III		
DCE 335 Contemporary Ballet III		

Requirement	Minimum Grade	Credit Hours
DCE 336 Somatic Movement Development and Facilitation		
DCE 339 Afro-Latin Salsa III		
MUP 370 Music Theatre V		
MUP 465 Music Theatre VI		
MUP 466 Broadway Dance		
MUP 470 Music Theatre VII		
MUP 471 Music Theatre: Workshops		
MUP 472 Music Theatre VIII		
THP 301 Theatre Production		
THP 302 Acting V		
THP 307 Acting: Ten-Minute Plays		
THP 372 Movement II		
THP 377 Voice and Speech II		
THP 387 Acting VI		
THP 482 Theatre for Social Change (CIVI)		
THP 489 Acting: Audition Techniques and Career Development		
Upper Division Production and Technical Course	C	1 - 3
DCE 438 Dance Theatre Performance/Production		

Requirement	Minimum Grade	Credit Hours
MUP 373 Music Theatre Performance and Production		
MUP 374 Music Theatre Technical Production		
THP 301 Theatre Production		
THP 317 Stage Management		
THP 331 Costume Construction		
THP 332 Makeup		
THP 335 Stagecraft		
THP 345 Lighting Design		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 401 Theatre Practicum		
THP 435 Technical Direction		
THP 442 Rendering for Design and Production		
THP 448 AutoCAD for Live Entertainment (QTRS)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

DCE 170 First-Year Seminar I	1 - 2

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Arts (BA in the Arts), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FAATSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
HDA 210 Creativity and Innovation in Design and the Arts	C	3
HDA 252 Foundations Arts and Design Entrepreneurship	C	3
HDA 484 Internship	C	3
Arts Discipline and Practice	C	12
ARC Elective		
ALA Elective		
AME Elective		
ARA Elective		
DCE Elective		
DSC Elective		
EDS Elective		
FMP Elective		
FSH Elective		
GRA Elective		

Requirement	Minimum Grade	Credit Hours
IND Elective		
INT Elective		
LAP Elective		
MSC Elective		
MUP Elective		
MUS Elective		
THE Elective		
THF Elective		
THP Elective		
Upper Division Arts Discipline and Practice	C	3
ARC Elective		
ALA Elective		
AME Elective		
ARA Elective		
DCE Elective		
DSC Elective		
EDS Elective		
FMP Elective		
FSH Elective		

Requirement	Minimum Grade	Credit Hours
GRA Elective		
IND Elective		
INT Elective		
LAP Elective		
MSC Elective		
MUP Elective		
MUS Elective		
THE Elective		
THF Elective		
THP Elective		
Humanities, Arts and Design (HUAD) **AND**	C	3
Historical and Theoretical Arts Studies		
ALA 100 Introduction to Environmental Design (HUAD)		
ALA 102 Landscapes and Sustainability (SUST)		
AME 310 Media Literacies and Composition		
APH Elective		
ARA 202 Understanding Photographs		
ARA 498 Topic: Photography and Language		
ARC 111 Architecture of Architecture I		
ARC 112 Architecture of Architecture II		

Requirement	Minimum Grade	Credit Hours
ARC 432 Architecture History		
ARS Elective		
DCE 201 Dance, Culture, and Global Contexts (GCSI)		
DCE 202 Dance in U.S. Popular Culture (HUAD)		
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 302 History of American Hip Hop Dance (HUAD)		
DCE 306 History of Salsa: Afro-Latin Social and Global Contexts (HUAD)		
DCE 402 Ethnography of Dance Practices (HUAD)		
FMP 250 Sex and Violence in Film and TV: Ethics Survey		
FMP 340 Approaches to International Cinema (GCSI)		
FMP 404 World Cinema		
FMP 405 Film and Television: Pioneers, Practices and Innovations		
GRA 111 Graphic Design History I (HUAD)		
GRA 112 Graphic Design History II		
IND 316 20th-Century Design I (HUAD)		
IND 317 20th-Century Design II (HUAD)		
INT 111 Interior Design Issues and Theories (HUAD)		
INT 310 History of Interior Design I (HUAD)		

Requirement	Minimum Grade	Credit Hours
INT 311 History of Interior Design II (HUAD)		
LAP 311 History of Landscape Architecture (HUAD)		
LAP 312 20th-Century Landscape Architecture		
LPH Elective		
MHL Elective		
MUS 131 Bach to Bebop (HUAD)		
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)		
MUS 347 Jazz in America (HUAD)		
MUS 354 Popular Music		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 371 World Music (GCSI)		
MUS 410 History of Women in Music (HUAD)		
THE 322 Theatre History and Culture (HUAD)		
THE 406 American Multicultural Film (HUAD)		
THE 420 Theatre in America (HUAD)		
THE 421 Shakespeare: Stage and Film (HUAD)		
THE 422 Latinx Theatre and Film (HUAD)		

Requirement	Minimum Grade	Credit Hours
THE 423 African American Theatre (HUAD)		
THE 425 Chekhov and Russian Drama (HUAD)		
THE 426 Pre-Columbian Theatre of the Americas		
THE 430 History of Fashion I (HUAD)		
THE 431 History of Fashion II: 20th-Century Fashion		

OR Humanities, Arts and Design (HUAD) **AND**

Historical and Theoretical Arts with African / Asian / Latin American / Native American Focus

ARC 111 Architecture of Architecture I		
ARC 112 Architecture of Architecture II		
ARC 432 Architecture History		
ARS 201 Art of Asia (GCSI)		
ARS 202 Art of Africa, Oceania, and the Americas (GCSI)		
ARS 362 Survey of Aztec, Maya and Inka Art		
ARS 369 Mexican Art (GCSI)		
ARS 403 Art of the Aztec Empire		
ARS 444 Films of India		
ARS 465 Native Art of North America		
ARS 472 Art of China (HUAD)		
ARS 473 Art of Japan (HUAD)		

Requirement	Minimum Grade	Credit Hours
ARS 475 Chinese Painting		
DCE 201 Dance, Culture, and Global Contexts (GCSI)		
DSC 101 Design Awareness (HUAD)		
FMP 340 Approaches to International Cinema (GCSI)		
FMP 404 World Cinema		
INT 415 Latin American Design (GCSI)		
MHL 344 Music in World Cultures (GCSI)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 371 World Music (GCSI)		
THE 422 Latinx Theatre and Film (HUAD)		
THE 423 African American Theatre (HUAD)		
THE 426 Pre-Columbian Theatre of the Americas		
Historical and Theoretical Arts Studies	C	3
ALA 100 Introduction to Environmental Design (HUAD)		
ALA 102 Landscapes and Sustainability (SUST)		
AME 310 Media Literacies and Composition		
APH Elective		
ARA 202 Understanding Photographs		
ARA 498 Topic: Photography and Language		

Requirement	Minimum Grade	Credit Hours
ARC 111 Architecture of Architecture I		
ARC 112 Architecture of Architecture II		
ARC 432 Architecture History		
ARS Elective		
DCE 201 Dance, Culture, and Global Contexts (GCSI)		
DCE 202 Dance in U.S. Popular Culture (HUAD)		
DCE 300 Dancing Histories (HUAD)		
DCE 301 Dance Analysis and Theory (HUAD)		
DCE 302 History of American Hip Hop Dance (HUAD)		
DCE 306 History of Salsa: Afro-Latin Social and Global Contexts (HUAD)		
DCE 402 Ethnography of Dance Practices (HUAD)		
FMP 250 Sex and Violence in Film and TV: Ethics Survey		
FMP 340 Approaches to International Cinema (GCSI)		
FMP 404 World Cinema		
FMP 405 Film and Television: Pioneers, Practices and Innovations		
GRA 111 Graphic Design History I (HUAD)		
GRA 112 Graphic Design History II		
IND 316 20th-Century Design I (HUAD)		
IND 317 20th-Century Design II (HUAD)		

Requirement	Minimum Grade	Credit Hours
INT 111 Interior Design Issues and Theories (HUAD)		
INT 310 History of Interior Design I (HUAD)		
INT 311 History of Interior Design II (HUAD)		
LAP 311 History of Landscape Architecture (HUAD)		
LAP 312 20th-Century Landscape Architecture		
LPH Elective		
MHL Elective		
MUS 131 Bach to Bebop (HUAD)		
MUS 340 Music for the Concert Hall, Stage, and Screen (HUAD)		
MUS 347 Jazz in America (HUAD)		
MUS 354 Popular Music		
MUS 355 American Music (HUAD)		
MUS 356 Broadway and the American Musical (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 371 World Music (GCSI)		
MUS 410 History of Women in Music (HUAD)		
THE 322 Theatre History and Culture (HUAD)		
THE 406 American Multicultural Film (HUAD)		
THE 420 Theatre in America (HUAD)		

Requirement	Minimum Grade	Credit Hours
THE 421 Shakespeare: Stage and Film (HUAD)		
THE 422 Latinx Theatre and Film (HUAD)		
THE 423 African American Theatre (HUAD)		
THE 425 Chekhov and Russian Drama (HUAD)		
THE 426 Pre-Columbian Theatre of the Americas		
THE 430 History of Fashion I (HUAD)		
THE 431 History of Fashion II: 20th-Century Fashion		

OR

Historical and Theoretical Arts with African / Asian / Latin American / Native American Focus

ARC 111 Architecture of Architecture I		
ARC 112 Architecture of Architecture II		
ARC 432 Architecture History		
ARS 201 Art of Asia (GCSI)		
ARS 202 Art of Africa, Oceania, and the Americas (GCSI)		
ARS 362 Survey of Aztec, Maya and Inka Art		
ARS 369 Mexican Art (GCSI)		
ARS 403 Art of the Aztec Empire		
ARS 444 Films of India		
ARS 465 Native Art of North America		

Requirement	Minimum Grade	Credit Hours
ARS 472 Art of China (HUAD)		
ARS 473 Art of Japan (HUAD)		
ARS 475 Chinese Painting		
DCE 201 Dance, Culture, and Global Contexts (GCSI)		
DSC 101 Design Awareness (HUAD)		
FMP 340 Approaches to International Cinema (GCSI)		
FMP 404 World Cinema		
INT 415 Latin American Design (GCSI)		
MHL 344 Music in World Cultures (GCSI)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 371 World Music (GCSI)		
THE 422 Latinx Theatre and Film (HUAD)		
THE 423 African American Theatre (HUAD)		
THE 426 Pre-Columbian Theatre of the Americas		
Fiscal or Statistical Literacy Elective	C	3
ACC 231 Uses of Accounting Information I		
ACC 232 Financial Accounting I		
ACC 382 Accounting and Financial Analysis		
ECN 211 Macroeconomic Principles (SOBE)		

Requirement	Minimum Grade	Credit Hours
ECN 212 Microeconomic Principles (SOBE)		
ECN 221 Business Statistics (QTRS)		
FIN 380 Personal Financial Management		
STP 226 Elements of Statistics (QTRS)		
Upper Division Community Engaged Practices Elective	C	3
ART 442 Art and Community		
DCE 494 / THP 494 Topic: The Atlas of Creative Tools		
DSC 494 Topic: Indigenous Architecture, Planning and Construction		
DSC 494 Topic: Indigenous Project Delivery		
EDS 301 Sustainable Community Design and Practices (SUST)		
HDA 394 Topic: Design & Arts Corps		
HDA 394 Topic: Disrupt, Create, Sustain		
HDA 494 Topic: Civ Prac: Artists&Designers Collaborating/Comm		
HDA 494 Topic: Civic Body: Art and Public Health		
HDA 494 Topic: Civic Practice:Arts/Design & Public Partnerships		
HDA 494 Topic: Creative Project Management		
HDA 494 Topic: Design & Arts Corps		

Requirement	Minimum Grade	Credit Hours
HUL 494 Special Topics		
NLM 410 Social Entrepreneurship		
THP 482 Theatre for Social Change (CIVI)		
Critical Thinking and Analysis Elective		
AME 130 Prototyping Dreams		
ARA 489 Writing Art and Design Criticism (HUAD)		
ARS 345 Art and Television		
ART 110 Drawing as Seeing and Thinking (HUAD)		
EDS 223 Design Thinking	C	3
FMP 403 Independent Film (HUAD)		
FMP 405 Film and Television: Pioneers, Practices and Innovations		
MUS 213 Critical Thinking in the Arts		
THE 421 Shakespeare: Stage and Film (HUAD)		

Focus

Students must select 1 focus area and complete 18 credits within that one area.

Requirement	Minimum Grade	Credit Hours
Upper Division Arts Administration Focus	C	12
Students that select the Arts Administration Focus must complete 18 credits (at least 12 upper division) from this group.		
Required:		
MGT 380 Management and Strategy or **OGL 300 Theory and Practice of Leadership**		
MKT 390 Essentials of Marketing or **MKT 395 Essentials of Advertising and Marketing Communication**		
Pick an additional four courses (12 more credits, at least six upper division):		
ACC Elective		
ARA 396 Professional Practices for Design and the Arts		
ARA 460 Gallery Exhibitions		
DSC 394 Topic: Design Entrepreneurship & Society		
DSC 494 Topic: Practice Management		
ECN Elective		
ENT Elective		
FIN Elective		
FMP 417 Business and Legal Practices in Entertainment		
GRA 440 Finding Purpose		

Requirement	Minimum Grade	Credit Hours
HDA 420 Design and the Arts Business Administration		
HDA 494 Topic: Business Writing for Artists & Designers		
INT 471 Facilities Management		
MGT Elective		
MGT 400 Cross-Cultural Management (GCSI)		
MKT Elective		
MUP 438 The Enterprising Artist		
MUP 439 Performing Arts Product Creation and Development		
NLM Elective		
NLM 300 Fund Raising and Resource Development		
NLM 310 Volunteer Management (CIVI)		
NLM 410 Social Entrepreneurship		
NLM 430 Managing Nonprofit Organizations		
NLM 435 Service Learning for Community Development		
NLM 451 Grant Writing		
OGL Elective		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		

Requirement	Minimum Grade	Credit Hours

OR **Upper Division Entertainment Design Focus**

Students that select the Entertainment Design Focus must complete 18 credits (at least 12 upper division) from this group.

AME 320 Motion Capture for Integrative Systems

AME 340 Compositional and Computational Principles for Media Arts

AME 411 Advanced Interactive Sound

AME 470 Programming for Social and Interactive Media

ARA 460 Gallery Exhibitions

ART 348 Animation Motion Studies

FMP 325 Intermediate Visual Effects Compositing

FMP 355 Transborder Digital Media Making

FSH 435 Contemporary Fashion (HUAD)

GRA 401 Creative Environment

HDA 420 Design and the Arts Business Administration

IAP 321 Music Composition I

IAP 322 Multitrack Digital Recording

IAP 325 Sound Performance: Exploring Alternative Performance Groups

IND 344 Human Factors in Design

Requirement	Minimum Grade	Credit Hours
INT 351 Ambient Environment		
INT 446 Furniture Design and Production		
MDC 311 Composing and Performing for Hybrid Ensembles		
MUP 319 Advanced Audio Engineering in the Arts		
MUS 355 American Music (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 371 World Music (GCSI)		
THP 317 Stage Management		
THP 330 Costume Design		
THP 332 Makeup		
THP 335 Stagecraft		
THP 340 Scene Design		
THP 435 Technical Direction		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 387 Acting VI		
THP 394 Topic: Pattern Drafting for Theatre		
THP 431 Advanced Costume Construction		
THP 435 Technical Direction		

Requirement	Minimum Grade	Credit Hours
THP 440 Advanced Scene Design		
THP 441 Scene Painting		
THP 442 Rendering for Design and Production		
THP 445 Advanced Lighting Design		
THP 455 Advanced Media Design		
THP 448 AutoCAD for Live Entertainment (QTRS)		
THP 449 AutoCAD 3D for Live Entertainment		
OR **Upper Division Individual Focus**		
Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval.		
Arts Administration Focus	C	6
Students that select the Arts Administration Focus must complete 18 credits (at least 12 upper division) from this group.		
Required:		
MGT 380 Management and Strategy or **OGL 300 Theory and Practice of Leadership**		
MKT 390 Essentials of Marketing or **MKT 395 Essentials of Advertising and Marketing Communication**		

Requirement	Minimum Grade	Credit Hours
Pick an additional four courses (12 more credits, at least six upper division):		
ACC Elective		
ARA 396 Professional Practices for Design and the Arts		
ARA 460 Gallery Exhibitions		
DSC 394 Topic: Design Entrepreneurship & Society		
DSC 494 Topic: Practice Management		
ECN Elective		
ENT Elective		
ENT 290 Entrepreneurship: Opportunity to Impact		
FIN Elective		
FMP 417 Business and Legal Practices in Entertainment		
GRA 440 Finding Purpose		
HDA 420 Design and the Arts Business Administration		
HDA 494 Topic: Business Writing for Artists & Designers		
INT 471 Facilities Management		
MGT Elective		
MGT 400 Cross-Cultural Management (GCSI)		
MKT Elective		

Requirement	Minimum Grade	Credit Hours
MUP 438 The Enterprising Artist		
MUP 439 Performing Arts Product Creation and Development		
NLM Elective		
NLM 220 Introduction to Nonprofit Organizations		
NLM 235 Leadership and Ethics		
NLM 300 Fund Raising and Resource Development		
NLM 310 Volunteer Management (CIVI)		
NLM 410 Social Entrepreneurship		
NLM 430 Managing Nonprofit Organizations		
NLM 435 Service Learning for Community Development		
NLM 451 Grant Writing		
OGL Elective		
THP 251 Student Production Board I		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		

OR

Entertainment Design Focus

Students that select the Entertainment Design Focus must complete 18 credits (at least 12 upper division) from this group.

Requirement	Minimum Grade	Credit Hours
AME 111 Introduction to Digital Culture (QTRS)		
AME 112 Computational Thinking for Media Arts		
AME 130 Prototyping Dreams		
AME 230 Programming for the Media Arts (QTRS)		
AME 320 Motion Capture for Integrative Systems		
AME 340 Compositional and Computational Principles for Media Arts		
AME 411 Advanced Interactive Sound		
AME 470 Programming for Social and Interactive Media		
ARA 460 Gallery Exhibitions		
ART 110 Drawing as Seeing and Thinking (HUAD)		
ART 116 Introduction to Digital Media		
ART 123 Introduction to Photography for Nonmajors		
ART 206 Digital Photography I		
ART 207 Digital Photography II		
ART 248 3D Computer Imaging and Animation (QTRS)		
ART 261 Ceramic Survey		
ART 274 Wood I		
ART 348 Animation Motion Studies		
DCE 100 Introduction to Dance (HUAD)		

Requirement	Minimum Grade	Credit Hours
DCE 203 The Walking Body (HUAD)		
DCE 240 Media for Dance (QTRS)		
EDS 223 Design Thinking		
FMP 201 Film: The Creative Process I (HUAD)		
FMP 225 Principles of Visual Effects Compositing		
FMP 240 Introduction to Animation for Film		
FMP 255 Media Authorship (QTRS)		
FMP 280 Introduction to Film and Media Production		
FMP 325 Intermediate Visual Effects Compositing		
FMP 355 Transborder Digital Media Making		
FSH 435 Contemporary Fashion (HUAD)		
GRA 101 Designing Life		
GRA 401 Creative Environment		
HDA 420 Design and the Arts Business Administration		
IAP 104 Foundations I: Fundamentals of Sound Art		
IAP 321 Music Composition I		
IAP 322 Multitrack Digital Recording		
IAP 325 Sound Performance: Exploring Alternative Performance Groups		
IND 242 Materials and Design		

Requirement	Minimum Grade	Credit Hours
IND 344 Human Factors in Design		
INT 351 Ambient Environment		
INT 446 Furniture Design and Production		
MDC 211 Introduction to Digital Sound		
MDC 311 Composing and Performing for Hybrid Ensembles		
MUP 319 Advanced Audio Engineering in the Arts		
MUS 100 Fundamentals of Music Notation		
MUS 210 The Arts Around Us (HUAD)		
MUS 211 Dance, Music and Meaning (HUAD)		
MUS 212 Music, Meaning and Imagination (HUAD)		
MUS 294 Topic: Music and Society		
MUS 294 Topic: Producing Hip Hop and Dance Music I		
MUS 294 Topic: Songwriting		
MUS 355 American Music (HUAD)		
MUS 362 Rap Music and Hip Hop Culture (HUAD)		
MUS 371 World Music (GCSI)		
THF 101 Acting Introduction		
THF 215 Design and Composition for Theatre and Film (HUAD)		
THP 201 Theatre Production Crew		

Requirement	Minimum Grade	Credit Hours
THP 213 Introduction to Technical Theatre		
THP 214 Introduction to Costuming		
THP 317 Stage Management		
THP 330 Costume Design		
THP 332 Makeup		
THP 335 Stagecraft		
THP 340 Scene Design		
THP 435 Technical Direction		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 387 Acting VI		
THP 394 Topic: Pattern Drafting for Theatre		
THP 431 Advanced Costume Construction		
THP 435 Technical Direction		
THP 440 Advanced Scene Design		
THP 441 Scene Painting		
THP 442 Rendering for Design and Production		
THP 445 Advanced Lighting Design		
THP 455 Advanced Media Design		
THP 448 AutoCAD for Live Entertainment (QTRS)		

Requirement	Minimum Grade	Credit Hours
THP 449 AutoCAD 3D for Live Entertainment		
OR **Individual Focus**		
Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval.		

Capstone Experience

HDA 397 Capstone Development	C	1
Upper Division Capstone: Thesis or Independent Research Project Please consult with your faculty mentor and academic advisor for appropriate course options for the capstone requirement.	C	6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

HDA 101 ASU and Herberger Institute Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Theatre, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FATHEBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
THE 320 History of the Theatre I (GCSI)	C	3
THE 321 History of the Theatre II (HUAD)	C	3
Upper Division THE Dramatic Literature Course **THE 421 Shakespeare: Stage and Film (HUAD)** **THE 422 Latinx Theatre and Film (HUAD)** **THE 423 African American Theatre (HUAD)** **THE 440 Experimental Theatre and Performance**	C	6
THF 126 Professional Development: Communication and Collaboration	C	2
THF 160 Introduction to Storytelling (HUAD)	C	3
THF 215 Design and Composition for Theatre and Film (HUAD)	C	3
THF 220 Principles of Dramatic Analysis (HUAD)	C	3
THF 397 Professional Development Seminar	C	1

Requirement	Minimum Grade	Credit Hours
THF 497 Senior Project	C	1 - 3
THP 102 Acting I	C	3
THP 201 Theatre Production Crew	C	1
THP 213 Introduction to Technical Theatre OR **THP 214 Introduction to Costuming**	C	3
THP 218 Directing I: Introduction to Directing	C	3
THP 301 Theatre Production	C	1
THE or THF or THP Elective	C	9

Design Electives

THP 330 Costume Design

THP 340 Scene Design

THP 345 Lighting Design

THP 350 Sound Design

THP 355 Media Design for Performance

THP 440 Advanced Scene Design

THP 445 Advanced Lighting Design

THP 455 Advanced Media Design

THP 494 Topic: Costume Design II

Directing and Devising

THP 318 Directing II: Intermediate Directing

Requirement	Minimum Grade	Credit Hours
THP 418 Directing III: Advanced Directing		
THP 494 Topic: Acting and Directing Intimate Scenes		
THP 494 Topic: Devising Theatre		
Drawing/ Drafting		
THP 344 Hand Drafting for the Live Entertainment		
THP 442 Rendering for Design and Production		
THP 447 Vectorworks for Live Entertainment (QTRS)		
THP 448 AutoCAD for Live Entertainment (QTRS)		
Acting		
THP 122 Acting II		
THP 203 Acting III		
THP 222 Acting IV		
THP 302 Acting V		
THP 307 Acting: Ten-Minute Plays		
THP 387 Acting VI		
THP 394 Topic: Acting Shakespeare		
THP 394 Topic: Voiceovers		
THP 494 Topic: Acting and Directing Intimate Scenes		
THP 494 Topic: Devising Theatre		
Management		

Requirement	Minimum Grade	Credit Hours
THP 317 Stage Management		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		
Dramatic Writing and Dramaturgy		
THP 260 Introduction to Dramatic Writing		
THP 360 Intermediate Playwriting		
THE 494 Topic: Introduction to Dramaturgy		
Voice and Movement		
THP 272 Movement I		
THP 277 Voice and Speech I		
THP 372 Movement II		
THP 377 Voice and Speech II		
THP 394 Topic: Voiceovers		
Technology		
THP 216 Stage Technology		
THP 331 Costume Construction		
THP 335 Stagecraft		
THP 352 Everyday Audio Editing (QTRS)		
THP 394 Topic: Pattern Drafting for Theatre		
THP 430 Rigging for the Stage		

Requirement	Minimum Grade	Credit Hours
THP 431 Advanced Costume Construction		
THP 435 Technical Direction		
THP 441 Scene Painting		
THP 453 Sound System Design and Engineering		
THP 494 Topic: Advanced Sound Technology		
THP 494 Topic: Designing & Mixing a Musical		
THP 494 Topic: Materials for the Stage		
THP 494 Topic: Menswear Patterning & Construction Techniques		
THP 494 Topic: Properties for the Stage		
THP 494 Topic: Recording & Mixing Audio		
THE Elective		
THP Elective		
THF Elective		
Upper Division THE or THF or THP Elective	C	18
Design Electives		
THP 330 Costume Design		
THP 340 Scene Design		
THP 345 Lighting Design		
THP 350 Sound Design		

Requirement	Minimum Grade	Credit Hours
THP 355 Media Design for Performance		
THP 440 Advanced Scene Design		
THP 445 Advanced Lighting Design		
THP 455 Advanced Media Design		
THP 494 Topic: Costume Design II		
Directing and Devising		
THP 318 Directing II: Intermediate Directing		
THP 418 Directing III: Advanced Directing		
THP 494 Topic: Acting and Directing Intimate Scenes		
THP 494 Topic: Devising Theatre		
Drawing/ Drafting		
THP 344 Hand Drafting for the Live Entertainment		
THP 442 Rendering for Design and Production		
THP 447 Vectorworks for Live Entertainment (QTRS)		
THP 448 AutoCAD for Live Entertainment (QTRS)		
Acting		
THP 302 Acting V		
THP 307 Acting: Ten-Minute Plays		
THP 387 Acting VI		
THP 394 Topic: Acting Shakespeare		

Requirement	Minimum Grade	Credit Hours
THP 394 Topic: Voiceovers		
THP 494 Topic: Acting and Directing Intimate Scenes		
THP 494 Topic: Devising Theatre		
Management		
THP 317 Stage Management		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		
Dramatic Writing and Dramaturgy		
THP 360 Intermediate Playwriting		
THE 494 Topic: Introduction to Dramaturgy		
Voice and Movement		
THP 372 Movement II		
THP 377 Voice and Speech II		
THP 394 Topic: Voiceovers		
Technology		
THP 331 Costume Construction		
THP 335 Stagecraft		
THP 352 Everyday Audio Editing (QTRS)		
THP 394 Topic: Pattern Drafting for Theatre		
THP 430 Rigging for the Stage		

Requirement	Minimum Grade	Credit Hours
THP 431 Advanced Costume Construction		
THP 435 Technical Direction		
THP 441 Scene Painting		
THP 453 Sound System Design and Engineering		
THP 494 Topic: Advanced Sound Technology		
THP 494 Topic: Designing & Mixing a Musical		
THP 494 Topic: Materials for the Stage		
THP 494 Topic: Menswear Patterning & Construction Techniques		
THP 494 Topic: Properties for the Stage		
THP 494 Topic: Recording & Mixing Audio		
THE Elective		
THP Elective		
THF Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

THE 125 Orientation to Theatre	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Theatre (Acting), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FATHEABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
THE 320 History of the Theatre I (GCSI)	C	3
THE 321 History of the Theatre II (HUAD)	C	3
Upper Division THE Dramatic Literature Course **THE 421 Shakespeare: Stage and Film (HUAD)** **THE 422 Latinx Theatre and Film (HUAD)** **THE 423 African American Theatre (HUAD)** **THE 440 Experimental Theatre and Performance**	C	6
THF 126 Professional Development: Communication and Collaboration	C	2
THF 160 Introduction to Storytelling (HUAD)	C	3
THF 215 Design and Composition for Theatre and Film (HUAD)	C	3
THF 220 Principles of Dramatic Analysis (HUAD)	C	3
THF 397 Professional Development Seminar	C	1

Requirement	Minimum Grade	Credit Hours
THF 497 Senior Project	C	1 - 3
THP 102 Acting I	C	3
THP 122 Acting II	C	3
THP 201 Theatre Production Crew	C	1
THP 203 Acting III	C	3
THP 213 Introduction to Technical Theatre OR THP 214 Introduction to Costuming	C	3
THP 218 Directing I: Introduction to Directing	C	3
THP 222 Acting IV	C	3
THP 272 Movement I	C	3
THP 277 Voice and Speech I	C	3
THP 301 Theatre Production	C	1
THP 302 Acting V	C	3
THP 372 Movement II	C	3
THP 377 Voice and Speech II	C	3
THP 387 Acting VI	C	3
THP 489 Acting: Audition Techniques and Career Development	C	3
Upper Division THP Acting Elective	C	6

Requirement	Minimum Grade	Credit Hours
THP 301 Theatre Production		
THP 307 Acting: Ten-Minute Plays		
THP 394 Topic: Acting Shakespeare		
THP 394 Topic: Voiceovers		
THP 420 Acting: Solo and Collaborative Performance		
THP 483 Acting: Viewpoints and Composition		
THP 494 Topic: Acting and Directing Intimate Scenes		
THP 494 Topic: Devising Theatre		
THP 494 Topic: Film Director: Actor Collaboration Lab		

Check: Minimum 2.50 Major GPA

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

THE 125 Orientation to Theatre	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Theatre (Design and Production), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Herberger Institute for Design and the Arts
Plan Code: FADSNPRBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
THE 320 History of the Theatre I (GCSI)	C	3
THE 321 History of the Theatre II (HUAD)	C	3
Upper Division THE Dramatic Literature Course **THE 421 Shakespeare: Stage and Film (HUAD)** **THE 422 Latinx Theatre and Film (HUAD)** **THE 423 African American Theatre (HUAD)** **THE 440 Experimental Theatre and Performance**	C	6
THF 126 Professional Development: Communication and Collaboration	C	2
THF 160 Introduction to Storytelling (HUAD)	C	3
THF 215 Design and Composition for Theatre and Film (HUAD)	C	3
THF 220 Principles of Dramatic Analysis (HUAD)	C	3
THF 397 Professional Development Seminar	C	1

Requirement	Minimum Grade	Credit Hours
THF 497 Senior Project	C	1 - 3
THP 102 Acting I	C	3
THP 201 Theatre Production Crew	C	1
THP 213 Introduction to Technical Theatre	C	3
THP 214 Introduction to Costuming	C	3
THP 218 Directing I: Introduction to Directing	C	3
THP 301 Theatre Production	C	2
THP 301 Theatre Production OR THP 401 Theatre Practicum OR THP 498 Pro-Seminar	C	3 - 9
Design & Production Concentration Elective	C	3

Design Electives:

- THP 330 Costume Design
- THP 340 Scene Design
- THP 345 Lighting Design
- THP 350 Sound Design
- THP 355 Media Design for Performance
- THP 440 Advanced Scene Design
- THP 445 Advanced Lighting Design
- THP 455 Advanced Media Design

Requirement	Minimum Grade	Credit Hours
THP 494 Topic: Costume Design II		
Technology:		
THP 331 Costume Construction		
THP 333 Costume Crafts		
THP 335 Stagecraft		
THP 352 Everyday Audio Editing (QTRS)		
THP 394 Topic: Pattern Drafting for Theatre		
THP 430 Rigging for the Stage		
THP 431 Advanced Costume Construction		
THP 435 Technical Direction		
THP 441 Scene Painting		
THP 453 Sound System Design and Engineering		
THP 494 Topic: Advanced Sound Technology		
THP 494 Topic: Designing & Mixing a Musical		
THP 494 Topic: Materials for the Stage		
THP 494 Topic: Menswear Patterning & Construction Techniques		
THP 494 Topic: Properties for the Stage		
THP 494 Topic: Recording & Mixing Audio		
Management:		

Requirement	Minimum Grade	Credit Hours
THP 317 Stage Management		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		
Drawing/Drafting:		
THP 344 Hand Drafting for the Live Entertainment		
THP 442 Rendering for Design and Production		
THP 447 Vectorworks for Live Entertainment (QTRS)		
THP 448 AutoCAD for Live Entertainment (QTRS)		
Production:		
THP 301 Theatre Production		
THP 401 Topic: Production		
THP 401 Topic: Advanced Technical Theatre		
THP 401 Topic: Costume Construction		
THP 401 Topic: Lighting, Sound, and Media		
THP 401 Topic: Stage Management		
THP 498 Topic: Costume Design		
THP 498 Topic: Design Practicum		
THP 498 Topic: Lighting Design		
THP 498 Topic: Media Design Practicum		
THP 498 Topic: Props Master		

Requirement	Minimum Grade	Credit Hours
THP 498 Topic: Scenic Design		
THP 498 Topic: Sound Design		
THP 498 Topic: Stage Management		
THP 498 Topic: Technical Direction		
Upper Division Design & Production Concentration Elective	C	9
Design Electives:		
THP 330 Costume Design		
THP 340 Scene Design		
THP 345 Lighting Design		
THP 350 Sound Design		
THP 355 Media Design for Performance		
THP 440 Advanced Scene Design		
THP 445 Advanced Lighting Design		
THP 455 Advanced Media Design		
THP 494 Topic: Costume Design II		
Technology:		
THP 331 Costume Construction		
THP 333 Costume Crafts		
THP 335 Stagecraft		

Requirement	Minimum Grade	Credit Hours
THP 352 Everyday Audio Editing (QTRS)		
THP 394 Topic: Pattern Drafting for Theatre		
THP 430 Rigging for the Stage		
THP 431 Advanced Costume Construction		
THP 435 Technical Direction		
THP 441 Scene Painting		
THP 453 Sound System Design and Engineering		
THP 494 Topic: Advanced Sound Technology		
THP 494 Topic: Designing & Mixing a Musical		
THP 494 Topic: Materials for the Stage		
THP 494 Topic: Menswear Patterning & Construction Techniques		
THP 494 Topic: Properties for the Stage		
THP 494 Topic: Recording & Mixing Audio		
Management:		
THP 317 Stage Management		
THP 351 Arts Management (HUAD)		
THP 450 Theatre Organization and Management		
Drawing/Drafting:		
THP 344 Hand Drafting for the Live Entertainment		

Requirement	Minimum Grade	Credit Hours
THP 442 Rendering for Design and Production		
THP 447 Vectorworks for Live Entertainment (QTRS)		
THP 448 AutoCAD for Live Entertainment (QTRS)		
Production:		
THP 301 Theatre Production		
THP 401 Topic: Production		
THP 401 Topic: Advanced Technical Theatre		
THP 401 Topic: Costume Construction		
THP 401 Topic: Lighting, Sound, and Media		
THP 401 Topic: Stage Management		
THP 498 Topic: Costume Design		
THP 498 Topic: Design Practicum		
THP 498 Topic: Lighting Design		
THP 498 Topic: Media Design Practicum		
THP 498 Topic: Props Master		
THP 498 Topic: Scenic Design		
THP 498 Topic: Sound Design		
THP 498 Topic: Stage Management		
THP 498 Topic: Technical Direction		

Requirement	Minimum Grade	Credit Hours
Upper Division Design & Production Core Course	C	12
Choose one course from four different categories for a total of 12 credits.		
Arts Management:		
THP 351 Arts Management (HUAD)		
Costume Design:		
THP 330 Costume Design		
Costume Technology:		
THP 331 Costume Construction		
Drawing:		
THP 344 Hand Drafting for the Live Entertainment		
THP 442 Rendering for Design and Production		
Electrics Technology:		
THP 453 Sound System Design and Engineering		
Lighting Design:		
THP 345 Lighting Design		
Management:		
THP 317 Stage Management		
Media Design:		
THP 355 Media Design for Performance		

Requirement	Minimum Grade	Credit Hours
Scenic Design:		
THP 340 Scene Design		
Scenic Technology:		
THP 335 Stagecraft		
Sound Design:		
THP 350 Sound Design		

Check: Minimum 2.50 Major GPA

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

THE 125 Orientation to Theatre	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Theory and Composition (Composition), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSTCBM
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division MHL Through Present Time Course	C	3

- **MHL 342 Music History II (HUAD)**
- **MHL 344 Music in World Cultures (GCSI)**
- **MHL 363 Survey of Russian Music**
- **MHL 365 Popular Music and Race (HUAD)**
- **MHL 440 Topics in 20th-Century Music**
- **MHL 441 Concerts in the 20th Century**
- **MHL 445 Music of the Silk Road (HUAD)**
- **MHL 447 Music and Healing (HUAD)**

Requirement	Minimum Grade	Credit Hours
MHL 494 Topic: Recycled Music: Medieval to Modern		
MTC 123 Beginning Composition	C	4
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
MTC 294 Topic: Instrumentation OR **MTC Elective** OR Upper Division **MUE Elective** OR **MUP 111 Studio Instruction** OR **MUP 121 Studio Instruction** OR **MUP 311 Studio Instruction** OR **MUP 321 Studio Instruction**	C	8
MTC 320 Modal Counterpoint	C	2
MTC 321 Tonal Counterpoint	C	3
MTC 323 Composition	C	12
MTC 327 Form and Analysis I	C	3
MTC 425 Studies in 20th- and 21st-Century Theory	C	3
MTC 433 Orchestration	C	3
MTC 436 Electronic Studio Techniques I	C	2
MTC 495 Final Project	Y	

Requirement	Minimum Grade	Credit Hours
Music Theory Core Elective **MTC 223 Music Theory: 20th Century** **MTC 225 Popular Music Theory** **MTC 251 Introduction to Music Cognition** **MTC 422 Musical Acoustics** **MTC 440 Jazz Theory and Ear Training** **MTC 441 Jazz Composition** **MTC 494 Topic: Analysis of Song** **MTC 494 Topic: Composing for Film and Media**	C	3
Upper Division **MTC Elective** OR **MDC 484 Internship** OR **MHL 484 Internship** OR **MSC 484 Internship** OR **MTC 484 Internship** OR **MUE 484 Internship** OR **MUP 484 Internship**	C	3
Completion of Piano Diagnostic Exam determines placement into Class Piano courses. https://musicdancetheatre.asu.edu/admission/new-students		
MUP 131 Class Piano	C	1
MUP 132 Class Piano	C	1

Requirement	Minimum Grade	Credit Hours
MUP 209 Beginning Choral Conducting OR **MUP 210 Beginning Instrumental Conducting**	C	1
MUP 231 Class Piano Fall semester only.	C	1
MUP 232 Class Piano Spring semester only.	C	1
400-Level MUP Music Ensemble **MUP 442 Instrumental Ensembles** **MUP 443 Choral Ensembles** **MUP 444 Maroon and Gold Concert Band** **MUP 450 Choral Union** **MUP 455 Canticum Bassum** **MUP 457 Sol Singers** **MUP 458 ASU Gospel Choir** **MUP 476 New Music Ensemble** **MUP 479 Chamber Music Ensembles** **MUP 485 Percussion Ensemble** **MUP 486 Jazz Band** **MUP 489 Ethnomusicology Ensembles**	C	6
Music Elective	C	6

Requirement	Minimum Grade	Credit Hours
MHL Elective		
MTC Elective		
MUP Elective		
MUE Elective		
MDC Elective		
MSC Elective		
Upper Division Music Elective		
MHL Elective		
MTC Elective		
MUP Elective	C	3
MUE Elective		
MDC Elective		
MSC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Theory and Composition (Theory), BMUS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Music, BMUS
College/School: Herberger Institute for Design and the Arts
Plan Code: FAMUSTTBM
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
MHL 140 Sounds and Cultures (GCSI)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division **MHL Elective** **AND** Upper Division Humanities, Arts and Design (HUAD)	C	3
Upper Division MHL Through Present Time Course **MHL 342 Music History II (HUAD)** **MHL 344 Music in World Cultures (GCSI)** **MHL 363 Survey of Russian Music** **MHL 365 Popular Music and Race (HUAD)** **MHL 440 Topics in 20th-Century Music** **MHL 441 Concerts in the 20th Century** **MHL 445 Music of the Silk Road (HUAD)** **MHL 447 Music and Healing (HUAD)** **MHL 494 Topic: Recycled Music: Medieval to Modern**	C	3

Requirement	Minimum Grade	Credit Hours
MTC 125 Music Theory I	C	3
MTC 221 Music Theory II	C	3
MTC 222 Music Theory III	C	3
MTC 223 Music Theory: 20th Century	C	3
MTC 294 Topic: Introduction to Music Cognition OR **MTC Elective**	C	3
MTC 320 Modal Counterpoint OR **MTC 321 Tonal Counterpoint**	C	2 - 3
MTC 327 Form and Analysis I	C	3
MTC 425 Studies in 20th- and 21st-Century Theory	C	3
MTC 428 Form and Analysis II	C	3
MTC 452 Research Methods in Music Theory and Cognition	C	3
MTC 496 Theory Project	Y	3
MTC 499 Individualized Instruction	C	4
Upper Division **MTC Elective**	C	10
Transfer coursework for ensemble and studio instruction must be approved in advance and is determined by audition and transcript evaluation.		
MUP 111 Studio Instruction	C	8
MUP 131 Class Piano	C	1

Requirement	Minimum Grade	Credit Hours
MUP 132 Class Piano	C	1
MUP 209 Beginning Choral Conducting OR MUP 210 Beginning Instrumental Conducting	C	1
MUP 231 Class Piano	C	1
MUP 232 Class Piano	C	1
400-Level MUP Music Ensemble MUP 442 Instrumental Ensembles MUP 443 Choral Ensembles MUP 444 Maroon and Gold Concert Band MUP 450 Choral Union MUP 455 Canticum Bassum MUP 457 Sol Singers MUP 458 ASU Gospel Choir MUP 476 New Music Ensemble MUP 479 Chamber Music Ensembles MUP 485 Percussion Ensemble MUP 486 Jazz Band MUP 489 Ethnomusicology Ensembles	C	7
Music Elective	C	9

Requirement	Minimum Grade	Credit Hours
MHL Elective		
MTC Elective		
MUP Elective		
MUE Elective		
MDC Elective		
MSC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

MUP 101 The ASU School of Music Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Aeronautical Management Technology (Air Traffic Management), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESAMTATBS
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Aeronautical Management Technology Core		
AMT 182 Private Pilot Ground School	C	3
AMT 220 Aviation Meteorology	C	3
AMT 280 Aerospace Structures, Materials and Systems	C	4
AMT 287 Aircraft Powerplants	C	4
AMT 308 Air Transportation (GCSI)	C	3
AMT 350 Aircraft Design and Logistics Management	C	4
AMT 396 Aviation Professional	C	1
AMT 408 National Aviation Policy	C	3
AMT 410 Aviation Safety and Human Factors	C	3
AMT 442 Aviation Law and Regulations	C	3
AMT 444 Airport Management and Planning	C	3

Requirement	Minimum Grade	Credit Hours
Air Traffic Management Concentration		
AMT 214 Commercial Pilot Ground School	C	3
AMT 360 Aircraft Dispatch Ground School	C	3
AMT 460 Aircraft Dispatch Capstone	C	3
ATC 222 Instrument Ground School	C	3
ATC 230 Air Traffic Control Basics I	C	3
ATC 231 Air Traffic Control Basics II	C	3
ATC 331 Tower Operations	C	3
ATC 332 TRACON Operations	C	3
ATC 333 En Route Operations	C	3
ATC 431 Tower Operations and Procedures	C	3
ATC 432 TRACON Operations and Procedures	C	3
ATC 433 En Route Operations and Procedures	C	3
ATC 491 Air Traffic Management Capstone	C	3

Air Traffic Management Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

HSE 101 Introduction to Human Systems Engineering (SOBE) OR **PSY 101 Introduction to Psychology (SOBE)**	C	3
HSE 230 Statistics for Human Systems Research I (QTRS) OR **PSY 230 Introduction to Statistics (QTRS)** OR **STP 226 Elements of Statistics (QTRS)**	C	3
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT)	C	3
PHY 113 General Physics Laboratory (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Complete the Federal Aviation Administration Requirement to Advise Students form.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Aeronautical Management Technology (Air Transportation Management), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSAMTMBS
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Aeronautical Management Technology Core		
AMT 182 Private Pilot Ground School	C	3
AMT 220 Aviation Meteorology	C	3
AMT 280 Aerospace Structures, Materials and Systems	C	4
AMT 287 Aircraft Powerplants	C	4
AMT 308 Air Transportation (GCSI)	C	3
AMT 350 Aircraft Design and Logistics Management	C	4
AMT 396 Aviation Professional	C	1
AMT 408 National Aviation Policy	C	3
AMT 410 Aviation Safety and Human Factors	C	3
AMT 442 Aviation Law and Regulations	C	3
AMT 444 Airport Management and Planning	C	3

Requirement	Minimum Grade	Credit Hours
Air Transportation Management Concentration		
AMT 456 Organized Labor in Aviation	C	3
AMT 489 Airline Administration	C	3
AMT 491 Aviation Management Capstone	C	3
OMT 343 Occupational Safety and Ergonomics OR OMT 430 Ethical Issues in Technology OR OMT 440 International Business OR OMT 452 Intrapreneurship in Industrial Human Resource Management OR OMT 480 Organizational Effectiveness		3
TMC 110 Understanding the Enterprise	C	3
TMC 310 Promotion of the Enterprise	C	3
TMC 330 Leading the Enterprise	C	3
TMC 410 Enterprise Operations		3
TMC 430 Enterprise Strategy and Innovation		3
TMC 470 Enterprise Planning and Implementation		3
AMT 201 Air Traffic Control	C	3

Aero Mngt Tech (Air Trans Mgt) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

HSE 101 Introduction to Human Systems Engineering (SOBE) OR **PSY 101 Introduction to Psychology (SOBE)**	C	3
HSE 230 Statistics for Human Systems Research I (QTRS) OR **PSY 230 Introduction to Statistics (QTRS)** OR **STP 226 Elements of Statistics (QTRS)**	C	3
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT)	C	3
PHY 113 General Physics Laboratory (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Aeronautical Management Technology (Professional Flight), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSAMTFBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Aeronautical Management Technology Core		
AMT 182 Private Pilot Ground School	C	3
AMT 220 Aviation Meteorology	C	3
AMT 280 Aerospace Structures, Materials and Systems	C	4
AMT 287 Aircraft Powerplants	C	4
AMT 308 Air Transportation (GCSI)	C	3
AMT 350 Aircraft Design and Logistics Management	C	4
AMT 396 Aviation Professional	C	1
AMT 408 National Aviation Policy	C	3
AMT 442 Aviation Law and Regulations	C	3
AMT 444 Airport Management and Planning	C	3
AMT 410 Aviation Safety and Human Factors	C	3

Requirement	Minimum Grade	Credit Hours
Professional Flight Concentration		
AMT 105 Flight Operations and Safety I	C	1
AMT 110 Flight Operations and Safety II	C	1
AMT 150 Flight Operations and Safety III	C	1
AMT 205 Flight Operations and Safety IV	C	1
AMT 210 Flight Operations and Safety V	C	1
AMT 214 Commercial Pilot Ground School	C	3
AMT 222 Instrument Pilot Ground School Completion of Private Pilot License is required to enroll in AMT 222 for Aeronautical Management Technology (Professional Flight) majors.	C	3
AMT 250 Flight Operations and Safety VI	C	1
AMT 285 Flight Instructor Ground School	C	3
AMT 286 Multiengine Pilot Ground School	C	1
AMT 292 Flight Instructor Instrument Ground School	C	3
AMT 305 Flight Operations and Safety VII	C	1
AMT 360 Aircraft Dispatch Ground School	C	3
AMT 382 Air Navigation Completion of Instrument Rating is required to enroll in AMT 382. AMT 382 begins a three-semester sequence of courses: (1) AMT 382, then (2) AMT 482 and AMT 486, then (3) AMT 490.	C	3

Requirement	Minimum Grade	Credit Hours
AMT 482 Airline Instrument Procedures	C	3
AMT 486 Regional Jet Aircraft Systems	C	3
AMT 489 Airline Administration	C	3
AMT 490 Regional Jet Operations Capstone AMT 490 requires a $5,000.00 course fee.	C	3
AMT 201 Air Traffic Control	C	3

Aero Mngt Tech (Prof Flight) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

HSE 101 Introduction to Human Systems Engineering (SOBE) OR **PSY 101 Introduction to Psychology (SOBE)**	C	3
HSE 230 Statistics for Human Systems Research I (QTRS) OR **PSY 230 Introduction to Statistics (QTRS)** OR **STP 226 Elements of Statistics (QTRS)**	C	3
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT)	C	3
PHY 113 General Physics Laboratory (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Complete Professional Flight Secondary Application.
Professional Flight students are encouraged to continue to progress in flight courses over the summer session.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Aeronautical Management Technology (Unmanned Aerial Systems), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSAMTUASBS
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Aeronautical Management Technology Core		
AMT 182 Private Pilot Ground School	C	3
AMT 220 Aviation Meteorology	C	3
AMT 280 Aerospace Structures, Materials and Systems	C	4
AMT 287 Aircraft Powerplants	C	4
AMT 308 Air Transportation (GCSI)	C	3
AMT 350 Aircraft Design and Logistics Management	C	4
AMT 396 Aviation Professional	C	1
AMT 408 National Aviation Policy	C	3
AMT 410 Aviation Safety and Human Factors	C	3
AMT 442 Aviation Law and Regulations	C	3
AMT 444 Airport Management and Planning	C	3

Requirement	Minimum Grade	Credit Hours
Unmanned Aerial Systems Concentration		
AMT 201 Air Traffic Control	C	3
AMT 170 Introduction to Unmanned Aircraft Systems	C	3
AMT 270 Unmanned Aircraft	C	3
AMT 370 Unmanned Aircraft Systems	C	3
AMT 456 Organized Labor in Aviation	C	3
AMT 470 Unmanned Aircraft Payloads, Sensors, and Control Stations	C	3
AMT 489 Airline Administration	C	3
AMT 495 Unmanned Aircraft Systems Operations	C	3
Aeronautical Management Technology (Unmanned Aerial Systems) Major GPA		
Check: Minimum 2.0 Major GPA		
Math, Science, and Interdisciplinary Studies Requirements		
HSE 101 Introduction to Human Systems Engineering (SOBE) OR PSY 101 Introduction to Psychology (SOBE)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS) OR PSY 230 Introduction to Statistics (QTRS)	C	3

OR **STP 226 Elements of Statistics (QTRS)**		
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT)	C	3
PHY 113 General Physics Laboratory (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Aerospace Engineering (Aeronautics), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESAEROBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Check: Minimum 2.0 Major GPA	C	

Aerospace (Aeronautics) Lower Division

EEE 202 Circuits I	C	4
FSE 100 Introduction to Engineering	C	2
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics	C	3
MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics	C	3
MAE 213 Mechanics of Materials	C	3
MAE 214 Computer-Aided Engineering I	C	1
MAE 215 Introduction to Programming in MATLAB	C	1
MAE 241 Introduction to Thermodynamics	C	3
MAE 242 Introduction to Fluid Mechanics	C	3

Requirement	Minimum Grade	Credit Hours
Aerospace (Aeronautics) Upper Division		
MAE 318 System Dynamics and Control I	C	3
AEE 313 Aircraft Dynamics and Control	C	3
AEE 325 Aerospace Structures and Materials	C	3
AEE 344 Fundamentals of Aircraft Design	C	3
AEE 360 Aerodynamics	C	3
AEE 361 Aerodynamics Laboratory	C	1
AEE 362 High-Speed Aerodynamics	C	3
AEE 415 Vibration Analysis	C	3
AEE 462 Space Vehicle Dynamics and Control	C	3
AEE 463 Aircraft Propulsion	C	3
AEE 468 Aircraft Systems Design	C	3
MAE 301 Applied Experimental Statistics	C	3
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)	C	3
Aerospace- Aeronautics Technical Electives		
Upper Division Technical Electives		6

> *Students who do not meet the enrollment requirements for these courses (excluding AEE prefixes) may be allowed

Requirement	Minimum Grade	Credit Hours
to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.		
Upper Division AEE Elective		
BME 467 Tissue Engineering and Regenerative Medicine		
BME 494 Topic: Polymeric Drug Delivery		
BME 494 Topic: Wearable Devices for Sport, Health, and Wellness		
CEE 494 Topic: Airport Design		
CHE 494 / **MSE 494** / **MSE 598 Topic: Quantum Mechanical Simulations of Chemical Process**		
EEE 350 Random Signal Analysis		
EEE 407 Digital Signal Processing		
EEE 473 Electrical Machinery		
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
EEE 498 Topic: Foundations Machine Learning: From Theory to Pract		
Upper Division MAE Elective		
MAE 494 / **MSE 494** / **MAE 598 Topic: Quantum Mech Eng: SW and HW of Quantum Computers**		

Requirement	Minimum Grade	Credit Hours
Upper Division MEE Elective		
SES 494 Topic: Modeling and Analysis of Space Thermal Systems		
TMC 498 Pro-Seminar		
By approval only:		
MAE 484 Internship		
MAE 492 Honors Directed Study		
MAE 493 Honors Thesis		
MAE 499 Individualized Instruction		
Students cannot select more than elective from the list below:		
AST 321 Stellar and Planetary Astrophysics		
AST 322 Introduction to Galactic and Extragalactic Astrophysics		
BME 350 Signals and Systems for Bioengineers		
CEE 440 Hydrology		
CHE 468 Polymer Principles and Processing		
CHE 478 Biomass Energy Conversion Technology		
CHE 494 Topic: Six Sigma Methodology/Engineering Experimentation		
CHM 325 Analytical Chemistry		
EEE 304 Signals and Systems II		

Requirement	Minimum Grade	Credit Hours
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 334 Circuits II		
EGR 317 Humanitarian Engineering Project II		
EGR 433 Transforms and Systems Modeling		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Engineering in Global Context		
IEE 300 Economic Analysis for Engineers		
MAT 300 Mathematical Structures		
MAT 371 Advanced Calculus I		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 451 Mathematical Modeling		
MSE 330 Thermodynamics of Materials		
PHY 310 Classical Particles, Fields, and Matter I		
PHY 361 Introductory Modern Physics		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe		

Requirement	Minimum Grade	Credit Hours
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)		
SES 405 Exploration Systems Engineering		
SES 407 Space Works II: Model, Fabricate, Test		
SES 410 Senior Exploration Project I		
SES 494 Topic: Space Works 4:Sim and Analysis		

Upper Division Interdisciplinary Requirements

PAF 311 Leadership and Change (SOBE) OR PAF 410 Building Leadership Skills (SOBE) OR POS 301 Empirical Political Inquiry (SOBE) OR STS 304 Science, Technology and Society (SOBE) OR SWU 349 Stress Management Tools II (SOBE) OR SWU 350 Whole Person Health Across the Lifespan (SOBE)	C	3

Aerospace Engineering (Aeromautics) GPA

Check: Minimum 2.0 Major GPA

Math and Science Requirements

MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3

MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
CHM 114 General Chemistry for Engineers (SCIT) OR CHM 116 General Chemistry II (SCIT)	C	4
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-AEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Aerospace Engineering (Astronautics), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESAEASBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Check: Minimum 2.0 Major GPA	C	

Aerospace (Astronautics) Lower Division

FSE 100 Introduction to Engineering OR **SES 100 Introduction to Exploration (QTRS)**	C	2
EEE 202 Circuits I	C	4
EEE 203 Signals and Systems I	C	3
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics	C	3
MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics	C	3
MAE 213 Mechanics of Materials	C	3
MAE 214 Computer-Aided Engineering I	C	1
MAE 215 Introduction to Programming in MATLAB	C	1

Requirement	Minimum Grade	Credit Hours
MAE 241 Introduction to Thermodynamics	C	3
MAE 242 Introduction to Fluid Mechanics	C	3

Aerospace (Astronautics) Upper Division

AEE 325 Aerospace Structures and Materials	C	3
AEE 360 Aerodynamics	C	3
AEE 361 Aerodynamics Laboratory	C	1
AEE 362 High-Speed Aerodynamics	C	3
AEE 462 Space Vehicle Dynamics and Control	C	3
AEE 465 Rocket Propulsion	C	3
AEE 445 Fundamentals of Spacecraft Design	C	3
AEE 480 Space Systems Design	C	3
EEE 350 Random Signal Analysis	C	3
EEE 455 Communication Systems OR EEE 459 Communication Networks	C	3
MAE 301 Applied Experimental Statistics	C	3
MAE 318 System Dynamics and Control I	C	3
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
Astronautics Technical Electives		
Upper Division Technical Electives	C	3

*Students who do not meet the enrollment requirements for these courses (excluding AEE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.

AEE 313 Aircraft Dynamics and Control

AEE 344 Fundamentals of Aircraft Design

AEE 415 Vibration Analysis

AEE 426 Design of Aerospace Structures

AEE 463 Aircraft Propulsion

AEE 471 Computational Fluid Dynamics

AST 321 Stellar and Planetary Astrophysics

AST 322 Introduction to Galactic and Extragalactic Astrophysics

BME 467 Tissue Engineering and Regenerative Medicine

BME 494 Topic: Polymeric Drug Delivery

BME 494 Topic: Wearable Devices for Sport, Health, and Wellness

Requirement	Minimum Grade	Credit Hours
CEE 494 Topic: Airport Design		
CHE 468 Polymer Principles and Processing		
CHE 478 Biomass Energy Conversion Technology		
CHE 494 Topic: Quantum Mechanical Simulations of Chemical Process or MSE 494 Topic: Quantum Mech Eng: SW and HW of Quantum Computers		
CHE 494 Topic: Six Sigma Methodology/Engineering Experimentation		
CHM 325 Analytical Chemistry		
EEE 304 Signals and Systems II		
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 334 Circuits II		
EEE 407 Digital Signal Processing		
EEE 473 Electrical Machinery		
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
EEE 498 Topic: Foundations Machine Learning: From Theory to Pract		
EGR 317 Humanitarian Engineering Project II		
EGR 433 Transforms and Systems Modeling		
FSE 301 Entrepreneurship and Value Creation		

Requirement	Minimum Grade	Credit Hours
FSE 394 Topic: Engineering in Global Context		
GLG 404 Fundamentals of Planetary Geology		
IEE 300 Economic Analysis for Engineers		
MAE 341 Mechanism Analysis and Design		
MAE 404 Finite Elements in Engineering		
MAE 417 System Dynamics and Control II		
MAE 436 Combustion		
MAE 451 Applied Machine Learning for Mechanical and Aerospace Engineers		
MAE 455 Polymers and Composites		
MAE 460 Applied Computational Fluid Dynamics		
MAE 494 Topic: Advanced Aerodynamics		
MAE 494 Topic: Theories and Techniques of Direct CAD Modeling		
MAE 494 Topic: Energy Efficiency		
MAE 494 Topic: Introduction to Autonomous Vehicle Engineering		
MAE 494 Topic: Design Optimization		
MAE 494 / MSE 494 Topic: Quantum Mech Eng: SW and HW of Quantum Computers		
MAT 300 Mathematical Structures		
MAT 371 Advanced Calculus I		

Requirement	Minimum Grade	Credit Hours
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 451 Mathematical Modeling		
MEE 340 Heat Transfer		
MEE 351 Manufacturing Processes		
MEE 434 Internal Combustion Engines		
MEE 340 Heat Transfer		
MEE 440 Renewable Energy: Mechanical Systems		
MEE 441 Wind Energy		
MEE 472 Intermediate Fluid Mechanics		
MEE 482 Intermediate Thermodynamics		
MSE 330 Thermodynamics of Materials		
MSE 494 Topic: Electrochemical Materials Science		
PHY 310 Classical Particles, Fields, and Matter I		
PHY 361 Introductory Modern Physics		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe		
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)		

Requirement	Minimum Grade	Credit Hours
SES 405 Exploration Systems Engineering		
SES 407 Space Works II: Model, Fabricate, Test		
SES 410 Senior Exploration Project I		
SES 494 Topic: Modeling and Analysis of Space Thermal Systems		
TMC 498 Pro-Seminar		
By Approval Only:		
MAE 484 Internship		
MAE 492 Honors Directed Study		
MAE 493 Honors Thesis		
MAE 499 Individualized Instruction		

Aerospace Engineering (Astronautics) GPA

Check: Minimum 2.0 Major GPA

Math and Science Requirements

MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3

MAT 275 Modern Differential Equations (MATH)	C	3
CHM 114 General Chemistry for Engineers (SCIT) OR CHM 116 General Chemistry II (SCIT)	C	4
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

Interdisciplinary Studies

ARC 434 Great Cities (HUAD) OR OGL 345 Organizational Ethics (HUAD) OR HPS 314 Philosophy of Science (HUAD) **or** PHI 314 Philosophy of Science (HUAD) OR HST 319 History of Aviation (HUAD) OR PHI 330 Theory of Knowledge (HUAD) OR REL 330 Native American Worldviews (HUAD)	C	3
PAF 311 Leadership and Change (SOBE) OR PAF 410 Building Leadership Skills (SOBE) OR POS 301 Empirical Political Inquiry (SOBE) OR STS 304 Science, Technology and Society (SOBE) OR SWU 349 Stress Management Tools II (SOBE) OR SWU 350 Whole Person Health Across the Lifespan (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-AEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Aerospace Engineering (Autonomous Vehicle Systems), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESAEAVSBSE
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Check: Minimum 2.0 Major GPA	C	

Aerospace (AVS) Lower Division

FSE 100 Introduction to Engineering	C	2
EEE 202 Circuits I	C	4
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics	C	3
MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics	C	3
MAE 213 Mechanics of Materials	C	3
MAE 214 Computer-Aided Engineering I	C	1
MAE 215 Introduction to Programming in MATLAB	C	1
MAE 241 Introduction to Thermodynamics	C	3

Requirement	Minimum Grade	Credit Hours
MAE 242 Introduction to Fluid Mechanics	C	3

Aerospace (AVS) Upper Division

AEE 313 Aircraft Dynamics and Control	C	3
AEE 325 Aerospace Structures and Materials	C	3
AEE 360 Aerodynamics	C	3
AEE 361 Aerodynamics Laboratory	C	1
AEE 362 High-Speed Aerodynamics	C	3
AEE 462 Space Vehicle Dynamics and Control	C	3
AEE 463 Aircraft Propulsion	C	3
AEE 478 Fundamentals of Autonomous Aircraft Systems	C	3
AEE 479 Design of Autonomous Aircraft Systems	C	3
MAE 301 Applied Experimental Statistics		3
MAE 318 System Dynamics and Control I	C	3
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)	C	3

Autonomous Vehicle Systems Technical Electives

Upper Division AVS Technical Electives	C	9

> *Students who do not meet the enrollment requirements for these courses (excluding AEE prefixes) may be allowed

Requirement	Minimum Grade	Credit Hours
to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.		
EEE 304 Signals and Systems II		
EEE 350 Random Signal Analysis		
EEE 455 Communication Systems		
EEE 459 Communication Networks		
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
EEE 582 Linear System Theory		
MAE 417 System Dynamics and Control II		
MAE 451 Applied Machine Learning for Mechanical and Aerospace Engineers		
MAE 494 / **MAE 598 Topic: Introduction to Autonomous Vehicle Engineering**		
MAE 494 Topic: Guidance and Navigation of Aerospace Vehicles		
MAE 506 Advanced System Modeling, Dynamics, and Control		
By Approval Only:		
MAE 484 Internship		
MAE 492 Honors Directed Study		

Requirement	Minimum Grade	Credit Hours
MAE 493 Honors Thesis		
MAE 499 Individualized Instruction		

Upper Division Interdisciplinary Requirements

PAF 311 Leadership and Change (SOBE) OR PAF 410 Building Leadership Skills (SOBE) OR STS 304 Science, Technology and Society (SOBE) OR SWU 349 Stress Management Tools II (SOBE) OR SWU 350 Whole Person Health Across the Lifespan (SOBE)	C	3
HST 318 History of Engineering (HUAD)	C	3

Aerospace Engineering (Autonomous Vehicle) GPA

Check: Minimum 2.0 Major GPA

Math and Science Requirements

MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3

CHM 114 General Chemistry for Engineers (SCIT) OR **CHM 116 General Chemistry II (SCIT)**	C	4
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

American Institutions (AMIT)	3
Governance and Civic Engagement (CIVI)	3
Global Communities, Societies, and Individuals (GCSI)	3
Humanities, Arts and Design (HUAD)	3
Sustainability (SUST)	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-AEE The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Aviation), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSAMTABAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Aviation Core		
AMT 308 Air Transportation (GCSI)	C	3
AMT 396 Aviation Professional	C	1
AMT 408 National Aviation Policy	C	3
AMT 442 Aviation Law and Regulations	C	3
AMT 489 Airline Administration	C	3
Upper Division **AMT Elective**		6
Focus Area		
Upper Division Management Focus Area	C	9
Required:		
AMT 491 Aviation Management Capstone		
Complete 6 additional credits from these subject codes:		
Upper Division HSE Elective		

Requirement	Minimum Grade	Credit Hours
Upper Division OGL Elective		
Upper Division OMT Elective		
Upper Division TEM Elective		
Upper Division TMC Elective		

OR **Upper Division Unmanned Aerial Systems Focus Area**

AMT 370 Unmanned Aircraft Systems		
AMT 470 Unmanned Aircraft Payloads, Sensors, and Control Stations		
AMT 495 Unmanned Aircraft Systems Operations		

Applied Science (Aviation) Major GPA

Check: Minimum 2.0 Major GPA

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.

Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.

AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Graphic Information Technology), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSGITBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Graphic Information Technology Core		
GIT 303 Digital Publishing		3
GIT 314 Multimedia Design, Planning and Storyboards		3
GIT 315 Digital Video Techniques		3
GIT 384 Commercial Photography		3
GIT 413 Professional Portfolio Design and Presentation		3
GIT 432 Graphic Industry Business Practices		3
GIT 450 Digital Workflow in Graphic Industries		3
GIT 480 Senior Project		3
Lower Division Focus Area		
Commercial Photography		6
GIT 334 Image Editing and Manipulation		

Requirement	Minimum Grade	Credit Hours
GIT 415 Advanced Digital Video Techniques		
GIT 445 360 Production		
GIT 490 Advanced Commercial Photography		
GIT 494 Special Topics		
OR Digital Design, Print, and Publishing		
GIT 230 Digital Illustration in Publishing		
GIT 250 Introduction to Commercial Print		
GIT 333 Printing Technology		
GIT 334 Image Editing and Manipulation		
GIT 437 Color Reproduction Systems		
GIT 494 Special Topics		
TWC 411 Principles of Visual Communication		
OR Front-End Web Development		
GIT 215 Introduction to Web Authoring		
GIT 337 Web Content Design		
GIT 414 Web Site Design and Internet/Web Technologies		
GIT 417 Advanced Web Markup and Scripting		
GIT 418 Multimedia Authoring, Scripting and		

Requirement	Minimum Grade	Credit Hours
Production		
GIT 494 Special Topics		
OR **Interaction Design**		
GIT 340 Information Design and Usability		
GIT 350 Cross-Media Design		
GIT 402 New Media Internet Technologies		
GIT 435 Website and E-Commerce Strategies		
GIT 494 Special Topics		
OR **Motion Graphics/Visual Effects**		
GIT 211 3D Media Production		
GIT 230 Digital Illustration in Publishing		
GIT 312 Computer Animation and Motion Graphics		
GIT 334 Image Editing and Manipulation		
GIT 411 Visual Narrative in Motion Graphics		
GIT 494 Special Topics		

Upper Division Focus Area

Upper Division Commercial Photography		
GIT 334 Image Editing and Manipulation		

Requirement	Minimum Grade	Credit Hours
GIT 415 Advanced Digital Video Techniques		
GIT 445 360 Production		
GIT 490 Advanced Commercial Photography		
GIT 494 Special Topics		
OR Upper Division Digital Design, Print, and Publishing		
GIT 333 Printing Technology		
GIT 334 Image Editing and Manipulation		
GIT 437 Color Reproduction Systems		
GIT 494 Special Topics		
TWC 411 Principles of Visual Communication		
OR Upper Division Front-End Web Development		
GIT 337 Web Content Design		
GIT 414 Web Site Design and Internet/Web Technologies		
GIT 417 Advanced Web Markup and Scripting		
GIT 418 Multimedia Authoring, Scripting and Production		
GIT 494 Special Topics		
OR Upper Division Interaction Design		

Requirement	Minimum Grade	Credit Hours
GIT 340 Information Design and Usability		
GIT 350 Cross-Media Design		
GIT 402 New Media Internet Technologies		
GIT 435 Website and E-Commerce Strategies		
GIT 494 Special Topics		
OR Upper Division Motion Graphics/Visual Effects		
GIT 312 Computer Animation and Motion Graphics		
GIT 334 Image Editing and Manipulation		
GIT 411 Visual Narrative in Motion Graphics		
GIT 494 Special Topics		

Applied Science (Graphic Information Technology) Major GPA

Check: Minimum 2.0 Major GPA

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.

Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.

AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Internet and Web Development), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSIWDBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Internet and Web Development Core		
GIT 215 Introduction to Web Authoring	C	3
GIT 334 Image Editing and Manipulation		3
GIT 337 Web Content Design	C	3
GIT 340 Information Design and Usability		3
GIT 413 Professional Portfolio Design and Presentation		3
GIT 414 Web Site Design and Internet/Web Technologies		3
GIT 417 Advanced Web Markup and Scripting	C	3
GIT 432 Graphic Industry Business Practices		3
GIT 435 Website and E-Commerce Strategies		3
GIT 450 Digital Workflow in Graphic Industries		3
GIT 480 Senior Project		3

Requirement	Minimum Grade	Credit Hours

Applied Science (Internet and Web Development) Major Requirements

Check: Minimum 2.0 Major GPA

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.		
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.		
AAS Transfer Degree Block of Credit Hours		60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.		

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Operations Management), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSIMCOBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Operations Management Core		
STP 226 Elements of Statistics (QTRS)	C	3
TEM 431 Innovation Management		3
TMC 110 Understanding the Enterprise	C	3
TMC 330 Leading the Enterprise	C	3
TMC 410 Enterprise Operations	C	3
TMC 470 Enterprise Planning and Implementation	C	3
TMC 498 Pro-Seminar	C	3
Major Elective		
Upper Division **CEE Elective**	C	15
OR Upper Division **FSE Elective**		
OR Upper Division **OMT Elective**		

Requirement	Minimum Grade	Credit Hours
OR Upper Division **TEM Elective**		
OR Upper Division **TMC Elective**		
OMT 484 Internship		3
OR Upper Division Major Elective		

Applied Science (Operations Management) Major GPA

Check: Minimum 2.0 Major GPA

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.	
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.	
AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq	
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr	
Mathematics Placement Assessment score determines	

placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biomedical Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESBMEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Major Upper Division Requirements		
BME 300 Bioengineering Product Design	C	3
BME 301 Numerical Methods in Biomedical Engineering	C	2
BME 316 Biomechanics for Biomedical Engineers	C	3
BME 318 Biomaterials	C	4
BME 331 Transport Phenomena for Biomedical Engineering	C	3
BME 417 Biomedical Engineering Capstone Design I	C	4
BME 490 Biomedical Engineering Capstone Design II	C	4
Upper Division Technical Electives		
Upper Division Technical Elective	C	10
BME 494 Topic: Applied Computational Behavioral Science		
BME 494 Topic: Biomechanics/Human Physical Capability		

Requirement	Minimum Grade	Credit Hours
BME 494 Topic: Biomedical Business Fundamentals		
BME 494 Topic: Chimeras and Recombinant Organisms in Medicine		
BME 494 Topic: Clinical Neuroscience		
BME 494 Topic: Finite Element Modeling for Biomedical Application		
BME 494 Topic: Fundamentals in Scientific Proposal Writing		
BME 494 Topic: Introduction to Cellular Mechanobiology		
BME 494 Topic: Medical Imaging Instrumentation		
BME 494 Topic: Neural Bases of Motor Control		
BME 494 Topic: Neural Plasticity and Neurorehabilitation		
BME 494 Topic: Polymeric Drug Delivery		
BME 494 Topic: Principles of Stem Cell Technology		
BME 494 Topic: Re-engineering the US Healthcare Delivery System		
BME 494 Topic: Regression Methods in R		
BME 494 Topic: Systems Biology of Disease		
BME 494 Topic: Technology for Global Health		
BME 494 Topic: Terminology & App of Medical Models of Disability		

Requirement	Minimum Grade	Credit Hours
BME 494 Topic: Wearable Devices for Sport, Health, and Wellness		
BME 494 Topic: Introduction to Neural Engineering		
BME 494 Topic: Cyber Biomedical Systems		
BME 494 Topic: Wireless Biomedical Devices		
BME 494 Topic: Nonlinear Dynamics of Gene Networks		
BME 494 Topic: Adv Biomaterials		
BME 494 Topic: Cellular and System Modeling		
BME 494 Topic: Biosensing Technologies		
BME 492 Honors Directed Study		
BME 493 Honors Thesis		
BME 394 Topic: SBHSE Research Projects		
BME 465 Magnetic Resonance Imaging		
BME 382 Biomedical Engineering Product Design and Development III		
FSE 404 EPICS Gold: EPICS in Action		
IEE 320 Extreme Excel		
EEE 334 Circuits II		
DAT 301 Exploring Data in R and Python		
HCD 403 Process Engineering		
IEE 300 Economic Analysis for Engineers		

Requirement	Minimum Grade	Credit Hours
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		
ACC 382 Accounting and Financial Analysis		
FIN 380 Personal Financial Management		
MGT 380 Management and Strategy		
MKT 390 Essentials of Marketing		
MAT 342 Linear Algebra		
MAT 343 Applied Linear Algebra		
STP 420 Introductory Applied Statistics (QTRS)		
STP 421 Probability		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		
DAT 300 Mathematical Tools for Data Science		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
BCH 361 Advanced Principles of Biochemistry		
BCH 367 Elementary Biochemistry Laboratory		
BCH 461 General Biochemistry		
BCH 467 Analytical Biochemistry Laboratory		
BIO 340 General Genetics		

Requirement	Minimum Grade	Credit Hours
BIO 360 Animal Physiology		
BIO 467 Neurobiology		

Upper Division Biomedical Engineering Core

BME 350 Signals and Systems for Bioengineers OR BIO 353 Cell Biology	C	3
BME 370 Microcomputer Applications in Biomedical Engineering OR BME 360 Control in Biological Systems AND BME 362 Methods in Molecular and Cellular Biology	C	3 - 4
BME 413 Biomedical Instrumentation AND BME 423 Biomedical Instrumentation Laboratory OR BME 467 Tissue Engineering and Regenerative Medicine	C	4 - 3

Biomedical Engineering Major GPA

Check: Minimum 2.0 Major GPA

Major Lower Division Requirements

EEE 202 Circuits I	C	4
FSE 100 Introduction to Engineering	C	2
BME 200 Conservation Principles in Biomedical Engineering	C	3

BME 235 Physiology for Engineers	C	4
BME 213 Ethical and Social Dimensions of Biomedical Engineering (HUAD)	C	3
CSE 101 Introduction to Computer Science and Programming for Non-Computer Science Majors (QTRS)	C	3

Math & Science Studies Requirements

BIO 181 General Biology I (SCIT)	C	4
CHM 114 General Chemistry for Engineers (SCIT)	C	4
MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT)	C	4
STP 226 Elements of Statistics (QTRS) OR STP 231 Statistics for Life Science (QTRS)	C	3

Interdisciplinary Requirements

Upper Division Governance and Civic Engagement (CIVI)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-BME The ASU Experience ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students, including transfer students. Biomedical Engineering majors should take ASU 101-BME to fulfill this requirement.	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Certain 300 and 400 level (Junior and Senior) courses are only offered once per year. Please consult with your academic advisor to ensure accurate sequencing of requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biomedical Engineering (Biological Devices), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESBMEBDBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Major Upper Division Requirements		
BME 300 Bioengineering Product Design	C	3
BME 301 Numerical Methods in Biomedical Engineering	C	2
BME 316 Biomechanics for Biomedical Engineers	C	3
BME 318 Biomaterials	C	4
BME 331 Transport Phenomena for Biomedical Engineering	C	3
BME 417 Biomedical Engineering Capstone Design I	C	4
BME 490 Biomedical Engineering Capstone Design II	C	4
BME Biological Devices Core		
BIO 353 Cell Biology	C	3
BME 360 Control in Biological Systems	C	3

Requirement	Minimum Grade	Credit Hours
BME 362 Methods in Molecular and Cellular Biology	C	1
BME 467 Tissue Engineering and Regenerative Medicine	C	3

Technical Electives

Upper Division Upper Division Technical Elective	C	10

- BME 494 Topic: Applied Computational Behavioral Science
- BME 494 Topic: Biomechanics/Human Physical Capability
- BME 494 Topic: Biomedical Business Fundamentals
- BME 494 Topic: Chimeras and Recombinant Organisms in Medicine
- BME 494 Topic: Clinical Neuroscience
- BME 494 Topic: Finite Element Modeling for Biomedical Application
- BME 494 Topic: Introduction to Cellular Mechanobiology
- BME 494 Topic: Medical Imaging Instrumentation
- BME 494 Topic: Neural Bases of Motor Control
- BME 494 Topic: Neural Plasticity and Neurorehabilitation
- BME 494 Topic: Polymeric Drug Delivery
- BME 494 Topic: Principles of Stem Cell Technology

Requirement	Minimum Grade	Credit Hours
BME 494 Topic: Re-engineering the US Healthcare Delivery System		
BME 494 Topic: Regression Methods in R		
BME 494 Topic: Systems Biology of Disease		
BME 494 Topic: Technology for Global Health		
BME 494 Topic: Terminology & App of Medical Models of Disability		
BME 494 Topic: Wearable Devices for Sport, Health, and Wellness		
BME 494 Topic: Introduction to Neural Engineering		
BME 494 Topic: Cyber Biomedical Systems		
BME 494 Topic: Wireless Biomedical Devices		
BME 494 Topic: Nonlinear Dynamics of Gene Networks		
BME 494 Topic: Adv Biomaterials		
BME 494 Topic: Cellular and System Modeling		
BME 494 Topic: Biosensing Technologies		
BME 492 Honors Directed Study		
BME 493 Honors Thesis		
BME 394 Topic: SBHSE Research Projects		
BME 465 Magnetic Resonance Imaging		
BME 382 Biomedical Engineering Product Design and Development III		

Requirement	Minimum Grade	Credit Hours
FSE 404 EPICS Gold: EPICS in Action		
IEE 320 Extreme Excel		
EEE 334 Circuits II		
DAT 301 Exploring Data in R and Python		
HCD 403 Process Engineering		
IEE 300 Economic Analysis for Engineers		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		
ACC 382 Accounting and Financial Analysis		
FIN 380 Personal Financial Management		
MGT 380 Management and Strategy		
MKT 390 Essentials of Marketing		
MAT 342 Linear Algebra		
MAT 343 Applied Linear Algebra		
STP 420 Introductory Applied Statistics (QTRS)		
STP 421 Probability		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		
DAT 300 Mathematical Tools for Data Science		
DAT 401 Statistical Modeling and Inference for Data Science		

Requirement	Minimum Grade	Credit Hours
DAT 402 Machine Learning for Data Science		
BCH 361 Advanced Principles of Biochemistry		
BCH 367 Elementary Biochemistry Laboratory		
BCH 461 General Biochemistry		
BCH 467 Analytical Biochemistry Laboratory		
BIO 340 General Genetics		
BIO 360 Animal Physiology		
BIO 467 Neurobiology		
BME 350 Signals and Systems for Bioengineers		
BME 370 Microcomputer Applications in Biomedical Engineering		
BME 413 Biomedical Instrumentation		
BME 423 Biomedical Instrumentation Laboratory		

Biomedical Engineering (Biological Devices) Major GPA

Check: Minimum 2.0 Major GPA

Biomedical Engineering (Biological Devices) Major GPA

Check: Minimum 2.0 Major GPA

Major Lower Division

EEE 202 Circuits I	C	4
FSE 100 Introduction to Engineering	C	2
BME 200 Conservation Principles in Biomedical Engineering	C	3
BME 235 Physiology for Engineers	C	4
BME 213 Ethical and Social Dimensions of Biomedical Engineering (HUAD)	C	3
CSE 101 Introduction to Computer Science and Programming for Non-Computer Science Majors (QTRS)	C	3

Math & Science Studies Requirements

BIO 181 General Biology I (SCIT)	C	4
CHM 114 General Chemistry for Engineers (SCIT)	C	4
MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT)	C	4

STP 226 Elements of Statistics (QTRS) OR **STP 231 Statistics for Life Science (QTRS)**	C	3

Interdisciplinary Requirements

Upper Division Governance and Civic Engagement (CIVI)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-BME The ASU Experience ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students, including transfer students. Biomedical Engineering majors should take ASU 101-BME to fulfill this requirement.	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Certain 300 and 400 level (Junior and Senior) courses are only offered once per year. Please consult with your academic advisor to ensure accurate sequencing of requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biomedical Engineering (Biomedical Devices), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESBMEMDBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Major Upper Division Requirements		
BME 300 Bioengineering Product Design	C	3
BME 301 Numerical Methods in Biomedical Engineering	C	2
BME 316 Biomechanics for Biomedical Engineers	C	3
BME 318 Biomaterials	C	4
BME 331 Transport Phenomena for Biomedical Engineering	C	3
BME 417 Biomedical Engineering Capstone Design I	C	4
BME 490 Biomedical Engineering Capstone Design II	C	4
Biomedical Devices Core		
BME 350 Signals and Systems for Bioengineers	C	3
BME 370 Microcomputer Applications in Biomedical Engineering	C	3

Requirement	Minimum Grade	Credit Hours
BME 413 Biomedical Instrumentation	C	3
BME 423 Biomedical Instrumentation Laboratory	C	1

Technical Electives

Upper Division Upper Division Technical Elective	C	10

- BME 494 Topic: Applied Computational Behavioral Science
- BME 494 Topic: Biomechanics/Human Physical Capability
- BME 494 Topic: Biomedical Business Fundamentals
- BME 494 Topic: Chimeras and Recombinant Organisms in Medicine
- BME 494 Topic: Clinical Neuroscience
- BME 494 Topic: Finite Element Modeling for Biomedical Application
- BME 494 Topic: Fundamentals in Scientific Proposal Writing
- BME 494 Topic: Introduction to Cellular Mechanobiology
- BME 494 Topic: Medical Imaging Instrumentation
- BME 494 Topic: Neural Bases of Motor Control
- BME 494 Topic: Neural Plasticity and Neurorehabilitation

Requirement	Minimum Grade	Credit Hours
BME 494 Topic: Polymeric Drug Delivery		
BME 494 Topic: Principles of Stem Cell Technology		
BME 494 Topic: Re-engineering the US Healthcare Delivery System		
BME 494 Topic: Regression Methods in R		
BME 494 Topic: Systems Biology of Disease		
BME 494 Topic: Technology for Global Health		
BME 494 Topic: Terminology & App of Medical Models of Disability		
BME 494 Topic: Wearable Devices for Sport, Health, and Wellness		
BME 494 Topic: Introduction to Neural Engineering		
BME 494 Topic: Cyber Biomedical Systems		
BME 494 Topic: Wireless Biomedical Devices		
BME 494 Topic: Nonlinear Dynamics of Gene Networks		
BME 494 Topic: Adv Biomaterials		
BME 494 Topic: Cellular and System Modeling		
BME 494 Topic: Biosensing Technologies		
BME 492 Honors Directed Study		
BME 493 Honors Thesis		
BME 394 Topic: SBHSE Research Projects		

Requirement	Minimum Grade	Credit Hours
BME 465 Magnetic Resonance Imaging		
BME 382 Biomedical Engineering Product Design and Development III		
FSE 404 EPICS Gold: EPICS in Action		
IEE 320 Extreme Excel		
EEE 334 Circuits II		
DAT 301 Exploring Data in R and Python		
HCD 403 Process Engineering		
IEE 300 Economic Analysis for Engineers		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		
ACC 382 Accounting and Financial Analysis		
FIN 380 Personal Financial Management		
MGT 380 Management and Strategy		
MKT 390 Essentials of Marketing		
MAT 342 Linear Algebra		
MAT 343 Applied Linear Algebra		
STP 420 Introductory Applied Statistics (QTRS)		
STP 421 Probability		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		

Requirement	Minimum Grade	Credit Hours
DAT 300 Mathematical Tools for Data Science		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
BCH 361 Advanced Principles of Biochemistry		
BCH 367 Elementary Biochemistry Laboratory		
BCH 461 General Biochemistry		
BCH 467 Analytical Biochemistry Laboratory		
BIO 340 General Genetics		
BIO 360 Animal Physiology		
BIO 467 Neurobiology		
BIO 353 Cell Biology		
BME 362 Methods in Molecular and Cellular Biology		
BME 360 Control in Biological Systems		
BME 467 Tissue Engineering and Regenerative Medicine		

Biomedical Engineering (Biomedical Devices) Major GPA

Check: Minimum 2.0 Major GPA

Major Lower Division

EEE 202 Circuits I	C	4
FSE 100 Introduction to Engineering	C	2
BME 200 Conservation Principles in Biomedical Engineering	C	3
BME 235 Physiology for Engineers	C	4
BME 213 Ethical and Social Dimensions of Biomedical Engineering (HUAD)	C	3
CSE 101 Introduction to Computer Science and Programming for Non-Computer Science Majors (QTRS)	C	3

Math & Science Studies Requirements

BIO 181 General Biology I (SCIT)	C	4
CHM 114 General Chemistry for Engineers (SCIT)	C	4
MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT)	C	4

STP 226 Elements of Statistics (QTRS) OR **STP 231 Statistics for Life Science (QTRS)**	C	3

Interdisciplinary Requirements

Upper Division Governance and Civic Engagement (CIVI)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-BME The ASU Experience ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students, including transfer students. Biomedical Engineering majors should take ASU 101-BME to fulfill this requirement.	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Certain 300 and 400 level (Junior and Senior) courses are only offered once per year. Please consult with your academic advisor to ensure accurate sequencing of requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Chemical Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCHEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Chemical Engineering Lower Division

Engineering Elective		3

*Students who do not meet the enrollment requirements for these courses (excluding CHE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first.

BME 235 Physiology for Engineers

BME 465 Magnetic Resonance Imaging

BME 494 Topic: Bioenergy and Microbial Biotechnology

BME 494 Topic: Biomedical Device Design

BME 494 Topic: Finite Element Modeling for Biomedical Application

BME 494 Topic: Medical Imaging Instrumentation

BME 494 Topic: Molecular Medicine

BME 494 Topic: Molecular Synthetic Biology

Requirement	Minimum Grade	Credit Hours
BME 494 Topic: Technology for Global Health		
CEE 210 Engineering Mechanics I: Statics		
CEE 400 Earth Systems Engineering and Management (SUST)		
CEE 494 Topic: Bio-inspired Design		
CEE 494 Topic: Sustainable Energy and Material Use		
CSE 205 Object-Oriented Programming and Data Structures (QTRS)		
DAT 301 Exploring Data in R and Python		
EEE 202 Circuits I		
EEE 241 Fundamentals of Electromagnetics		
EEE 307 Signal Processing for Digital Culture		
EEE 498 Topic: Manufacturing Science of Solar Cells		
EEE 498 Topic: Renewable Energy Technology and Systems		
EEE 498 Topic: Science and Technology of Solar Cell Fabrication		
EGR 494 Topic: Engineering in Semiconductors and Microelectronics		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Engineering in Global Context		
FSE 394 Topic: Engineering for Humanity		

Requirement	Minimum Grade	Credit Hours
FSE 494 Topic: Nuclear Prolif Secur & Safegrd		
IEE 300 Economic Analysis for Engineers		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		
IEE 385 Engineering Statistics: Probability		
MAE 494 / **MSE 494 Topic: Quantum Mech Eng: SW and HW of Quantum Computers**		
MSE 250 Structure and Properties of Materials		
MSE 435 Computational Materials Science and Engineering		
MSE 460 Nanomaterials in Energy Production and Storage		
MSE 466 Electrochemical Energy Storage and Conversion		
MSE 494 Topic: Bioinspired Materials and Biomaterials		
MSE 494 Topic: Electrochemical Materials Science		
MSE 494 Topic: Failure Analysis of Metallic Materials		
MSE 494 Topic: Manufacturing Processes for Structural Materials		
CHE 211 Introduction to Chemical Processing	C	3
CHE 231 Introduction to Transport Phenomena I: Fluids	C	3
FSE 100 Introduction to Engineering	C	2

Requirement	Minimum Grade	Credit Hours
Chemical Engineering Upper Division		
CHE 334 Introduction to Transport Phenomena II: Heat and Mass Transfer	C	3
CHE 342 Introduction to Applied Chemical Thermodynamics	C	3
CHE 352 Chemical Engineering Lab I	C	3
CHE 384 Numerical Methods for Chemical Engineers (QTRS)	C	3
CHE 432 Principles of Chemical Engineering Design	C	3
CHE 433 Modern Separations	C	3
CHE 442 Introduction to Chemical Reactor Design	C	3
CHE 451 Chemical Engineering Laboratory II		3
CHE 461 Process Dynamic Control (QTRS)		3
CHE 462 Process Design		3
Chemical Engineering Technical Electives		
Upper Division Upper Division Advanced Chemistry/ Biochemistry Technical Elective	C	6

*Students who do not meet the enrollment requirements for these courses (excluding CHE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form.

Requirement	Minimum Grade	Credit Hours
BCH 341 Physical Chemistry with a Biological Focus or CHM 341 Elementary Physical Chemistry or CHM 345 Physical Chemistry I		
BCH 361 Advanced Principles of Biochemistry		
BCH 461 General Biochemistry		
BCH 463 Biophysical Chemistry		
BCH 494 Topic: Biochemistry of Cancer		
BCH 494 / CHM 494 Topic: Chemical Biology		
BCH 494 Topic: Molecular Diagnostics		
BCH 494 Topic: Protein Biochemistry		
CHM 302 Environmental Chemistry		
CHM 325 Analytical Chemistry		
CHM 433 Bioorganic Chemistry		
CHM 435 Medicinal Chemistry		
CHM 453 Inorganic Chemistry		
CHM 471 Solid-State Chemistry		
CHM 481 / GLG 481 Geochemistry		
CHM 494 Topic: Advanced Electrochemistry		
CHM 494 Topic: Bioinorganic		
CHM 494 Topic: Characterization Meth.of Inorg.Compounds&Materials		

Requirement	Minimum Grade	Credit Hours
CHM 494 Topic: Chemistry of Atmospheres		
CHM 494 Topic: Environmental Monitoring and Assessment Techniques		
CHM 494 Topic: Nanomaterials		
CHM 494 Topic: Organometallic Chemistry		
CHM 494 Topic: Solar Energy Conversion		
CHM 494 Topic: Sustainable Macromolecular Synthesis		
CHM 494 Topic: The Business of Chemistry		
CHM 494 Topic: Thermodynamics of Natural Systems		
CHM 494 Topic: Polymers are Everywhere		
Upper Division Upper Division Chemical Engineering Technical Elective	C	6
*Students MUST meet pre-requisites for all CHE courses prior to enrollment. To take any 494 class, please check with your advisor first. A max of 3 credits from CHE 484/498/499 can be applied toward the TE requirements.		
400-Level CHE Elective		
By approval only		
CHE 484 Internship		
CHE 492 Honors Directed Study		
CHE 493 Honors Thesis		
CHE 498 Pro-Seminar		

Requirement	Minimum Grade	Credit Hours
CHE 499 Individualized Instruction		

Upper Division Interdisciplinary Requirements

BIO 324 Environmental Ethics (SUST) OR CEE 400 Earth Systems Engineering and Management (SUST) or CNE 400 Earth Systems Engineering and Management (SUST) OR ECN 345 Survey of Energy and Environmental Economic Issues (SUST) OR GPH 414 Climate Change (SUST) OR PHI 310 Environmental Ethics (SUST) OR SCM 385 Business and Sustainability I (SUST) or SOS 385 Business and Sustainability I (SUST)	C	3

Chemical Engineering Major GPA

Check: Minimum 2.0 Major GPA

Math and Science Requirements

MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 242 Elementary Linear Algebra	C	2
MAT 275 Modern Differential Equations (MATH)	C	3

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I	C	3
CHM 237 General Organic Chemistry Laboratory I	C	1
CHM 234 General Organic Chemistry II	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
Bioscience Elective		3

*Students who do not meet the enrollment requirements for these courses (excluding CHE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form.

BIO 181 General Biology I (SCIT)

BIO 182 General Biology II (SCIT)

BIO 201 Human Anatomy and Physiology I (SCIT)

BIO 202 Human Anatomy and Physiology II (SCIT)

BME 111 Engineering Perspectives on Biological Systems

BME 494 Topic: Chimeras and Recombinant Organisms in Medicine

MIC 205 Microbiology (SCIT)

MIC 220 Biology of Microorganisms

American Institutions (AMIT)	3
Governance and Civic Engagement (CIVI)	3
Global Communities, Societies, and Individuals (GCSI)	3
Humanities, Arts and Design (HUAD)	6
Social and Behavioral Sciences (SOBE)	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CHE The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Civil Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCEEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 52

Requirement	Minimum Grade	Credit Hours
Major Upper Division Requirements		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		3
CEE 300 Engineering Business Practice		3
CEE 321 Structural Analysis and Design		3
CEE 341 Fluid Mechanics for Civil Engineers		3
CEE 351 Geotechnical Engineering		3
CEE 353 Civil Engineering Materials	C	3
CEE 361 Introduction to Environmental Engineering		3
CEE 372 Transportation Engineering		3
CEE 384 Numerical Methods for Engineers (QTRS)		3
CEE 400 Earth Systems Engineering and Management (SUST)		3

Requirement	Minimum Grade	Credit Hours
CEE 487 Integrated Civil, Construction, and Environmental Engineering Design I		2
CEE 488 Integrated Civil, Construction, and Environmental Engineering Design II		2

Upper Division Design Elective

Upper Division Design Electives

CEE 412 Pavement Analysis and Design	6
CEE 420 Steel Structures	
CEE 421 Concrete Structures	
CEE 441 Water Resources Engineering	
CEE 452 Foundations	
CEE 462 Unit Operations in Environmental Engineering	
CEE 466 Urban Water System Design	
CEE 475 Highway Geometric Design	

Technical Elective Requirements

Upper Division CEE Tech Electives 12

Construction:	
CEE 481 Civil Engineering Project Management	
CEE 453 Earth Structures Engineering	

Requirement	Minimum Grade	Credit Hours
Environmental:		
CEE 462 Unit Operations in Environmental Engineering		
CEE 467 Environmental Microbiology		
CEE 470 Sustainable Environmental Biotechnologies		
Geotechnical:		
CEE 452 Foundations		
CEE 453 Earth Structures Engineering		
Structures:		
CEE 420 Steel Structures		
CEE 421 Concrete Structures		
CEE 423 Structural Design		
Sustainability:		
CEE 485 Sustainable Civil and Environmental Systems Engineering		
Transportation:		
CEE 412 Pavement Analysis and Design		
CEE 474 Transportation Systems Planning		
CEE 475 Highway Geometric Design		
CEE 483 Highway Materials, Construction, and Quality		
Water Resources:		

Requirement	Minimum Grade	Credit Hours
CEE 440 Hydrology		
CEE 441 Water Resources Engineering		
CEE 466 Urban Water System Design		
Other:		
CEE 493 Honors Thesis		
CEE 494 Special Topics		
CEE 494 Special Topics		
CON 453 Construction Technology		
CHE 469 Air Quality Engineering		
FSE 301 Entrepreneurship and Value Creation		
IEE 431 Engineering Administration		

Civil Engineering Major GPA

Check: Minimum 2.0 Major GPA

Interdisciplinary Requirements

BIO 181 General Biology I (SCIT) OR **BIO 182 General Biology II (SCIT)** OR **CHM 231 Elementary Organic Chemistry (SCIT)** OR **GLG 101 Introduction to Geology I (Physical) (SCIT)**		3
CHM 114 General Chemistry for Engineers (SCIT)		4

ECN 211 Macroeconomic Principles (SOBE) OR ECN 212 Microeconomic Principles (SOBE)		3
MAE 241 Introduction to Thermodynamics		3
MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

Major Lower Division Requirements

CEE 210 Engineering Mechanics I: Statics	C	3
CEE 212 Engineering Mechanics II: Dynamics	C	3
CEE 213 Introduction to Deformable Solids	C	3
FSE 100 Introduction to Engineering	C	2

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Civil Engineering (Sustainable Engineering), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCEESUBSE
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Civil Engineering (Sustainable) Upper Division		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		3
CEE 300 Engineering Business Practice		3
CEE 321 Structural Analysis and Design		3
CEE 341 Fluid Mechanics for Civil Engineers		3
CEE 351 Geotechnical Engineering		3
CEE 353 Civil Engineering Materials		3
CEE 361 Introduction to Environmental Engineering		3
CEE 372 Transportation Engineering		3
CEE 384 Numerical Methods for Engineers (QTRS)		3
CEE 400 Earth Systems Engineering and Management (SUST)		3

Requirement	Minimum Grade	Credit Hours
CEE 485 Sustainable Civil and Environmental Systems Engineering		3
CEE 487 Integrated Civil, Construction, and Environmental Engineering Design I		2
CEE 488 Integrated Civil, Construction, and Environmental Engineering Design II		2

Civil Engineering (Sustainable) Electives

SOS 300 Advanced Concepts and Integrated Approaches in Sustainability		3
Upper Division Design Elective		
CEE 412 Pavement Analysis and Design		6
CEE 420 Steel Structures		
CEE 421 Concrete Structures		
CEE 441 Water Resources Engineering		
CEE 452 Foundations		
CEE 462 Unit Operations in Environmental Engineering		
CEE 466 Urban Water System Design		
CEE 475 Highway Geometric Design		
Upper Division Technical Elective		3
CHM 302 Environmental Chemistry		

Requirement	Minimum Grade	Credit Hours
CHM 341 Elementary Physical Chemistry		
PUP 301 Introduction to Urban Planning		
PUP 442 Environmental Planning		
PUP 485 International Field Studies		
CEE 412 Pavement Analysis and Design		
CEE 420 Steel Structures		
CEE 421 Concrete Structures		
CEE 440 Hydrology		
CEE 441 Water Resources Engineering		
CEE 452 Foundations		
CEE 466 Urban Water System Design		
CEE 475 Highway Geometric Design		
CEE 474 Transportation Systems Planning		
CEE 481 Civil Engineering Project Management		
CEE 483 Highway Materials, Construction, and Quality		
CEE 493 Honors Thesis		
COM 453 Communication Training and Development		
CON 448 Sustainable Construction		
BIO 320 Fundamentals of Ecology		

Requirement	Minimum Grade	Credit Hours

Civil Engineering (Sustainable Engineering) Major GPA

Check: Minimum 2.0 Major GPA

Civil Engr (Sustainable) Lower Division

BIO 181 General Biology I (SCIT) OR **BIO 182 General Biology II (SCIT)** OR **CHM 231 Elementary Organic Chemistry (SCIT)** OR **GLG 101 Introduction to Geology I (Physical) (SCIT)**		3
CEE 181 Technological, Social, and Sustainable Systems (SUST)		3
CHM 114 General Chemistry for Engineers (SCIT)	C	4
ECN 211 Macroeconomic Principles (SOBE) OR **ECN 212 Microeconomic Principles (SOBE)**		3
MAE 241 Introduction to Thermodynamics		3
MAT 242 Elementary Linear Algebra		2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3

PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

Civil Engineering Lower Division

CEE 210 Engineering Mechanics I: Statics	C	3
CEE 212 Engineering Mechanics II: Dynamics	C	3
CEE 213 Introduction to Deformable Solids	C	3
FSE 100 Introduction to Engineering	C	2

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition **OR** ENG 105 Advanced First-Year Composition **OR** ENG 107 First-Year Composition **AND** ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Science, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Ira A. Fulton Schools of Engineering
Plan Code: ESCSEBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Not all major required courses are available every term. - Please see our degree requirements website for links to our flowcharts and our most up to date course lists. https://scai.engineering.asu.edu/computer-science-ba/cs-ba-degree-requirement		

Major Lower Division Requirements

ACO 201 Data Structures and Algorithms (QTRS) OR **CPI 220 Applied Data Structures and Algorithms** OR **SER 222 Design and Analysis of Data Structures and Algorithms**	C	3
CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 225 Introduction to Modern Computing Systems	C	3
CSE 240 Introduction to Programming Languages	C	3

Requirement	Minimum Grade	Credit Hours
Computer Science Upper Division Core Requirements		
CSE 301 Computing Ethics	C	1
ACO 320 Database Systems	C	3
ACO 330 Computer Networks	C	3
ACO 350 Systems Programming (QTRS)	C	3
CSE 360 Introduction to Software Engineering	C	3
Computer Science Upper Division Electives		
Upper Division Upper Division Computing Electives	C	21
ACO 321 Database Development & Applications		
ACO 331 Network Forensics Analysis		
ACO 351 Governance, Risk and Compliance		
ACO 361 Secure Coding Concepts		
ACO 394 Special Topics		
ACO 420 Big Data Systems		
ACO 423 Data Science		
ACO 430 Wireless Networks and Security		
ACO 431 Network Security		
ACO 432 Distributed Systems		

Requirement	Minimum Grade	Credit Hours
ACO 461 Security Operations		
ACO 494 Special Topics		
CPI 310 Web-Based Information Management Systems		
CPI 350 Evaluation of Informatics Systems		
CPI 360 Decision Making and Problem Solving		
CSE 335 Principles of Mobile Application Development		
CSE 365 Information Assurance		
CSE 445 Distributed Software Development		
CSE 445 Distributed Software Development		
CSE 446 Software Integration and Engineering		
CSE 460 Software Analysis and Design		
CSE 463 Introduction to Human Computer Interaction		
CSE 494 Special Topics		
CSE 394 Special Topics		
CPI 394 Special Topics		
CPI 494 Special Topics		
Upper Division Tech Elective Track		2
FSE 301 Entrepreneurship and Value Creation		
FSE 350 Grand Challenges Scholars Program (GCSP) Maroon		

Requirement	Minimum Grade	Credit Hours
FSE 404 EPICS Gold: EPICS in Action		
FSE 494 Special Topics		
IEE 320 Extreme Excel		

Computing Capstone/Experiential Learning Requirement

Completion of all major MAT/STP coursework and the listed CSE or ACO prerequisites with a C or better is required prior to enrollment in the experiential learning courses. This is a two-semester requirement. Experiential learning courses may not be taken concurrently in the same semester.

All students must take at least three credit hours of CSE 484 or ACO/CSE 499, and may choose to take all six credit hours as CSE 484 and/or ACO/CSE 499, if they desire. See academic advisor for questions.

CSE 484 Internship OR **CSE 499 Individualized Instruction** OR **ACO 499 Individualized Instruction**	C	3
Upper Division Computing Capstone/Experiential Learning Requirement	C	3

Only one of ACO 482 or ACO 494 Industry Capstone Projects may apply for three out of the six credit hours for the Experiential Learning requirement.

ACO 482 Design Thinking for National Security

ACO 484 Internship

ACO 494 Special Topics

Requirement	Minimum Grade	Credit Hours
ACO 499 Individualized Instruction		
CSE 484 Internship		
CSE 492 Honors Directed Study		
CSE 493 Honors Thesis		
CSE 499 Individualized Instruction		

Computer Science - Major Requirement

Check: Minimum 2.0 Major GPA

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) OR MAT 251 Calculus for Life Sciences (MATH) OR MAT 265 Calculus for Engineers I (MATH) OR MAT 270 Calculus with Analytic Geometry I (MATH)	C	3
MAT 243 Discrete Mathematical Structures	C	3
STP 226 Elements of Statistics (QTRS) OR STP 420 Introductory Applied Statistics (QTRS) OR EGR 280 Engineering Statistics (QTRS) OR IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3

Communication Elective

Upper Division Upper Division Communication Elective		
300-Level COM Elective		
COM 316 Gender and Communication (SOBE)		
COM 317 Nonverbal Communication (SOBE)		
COM 353 Professional Communication		
COM 371 Language, Culture and Communication (GCSI)		
400-Level COM Elective	C	3
COM 415 Risk Communication (SOBE)		
COM 457 New Media		
COM 459 Theory and Methods of Social Media Networks		
COM 471 Global Media and Cultural Identity (GCSI)		
COM 477 Sport, Culture, and Discourses		

Humanities, Arts and Design (HUAD)	6
Scientific Thinking in Natural Sciences (SCIT)	8
Social and Behavioral Sciences (SOBE)	3
Governance and Civic Engagement (CIVI)	3
Sustainability (SUST)	3
Global Communities, Societies, and Individuals (GCSI)	3

American Institutions (AMIT)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

Not all courses available at the West Campus.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCSEBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Some ASU Online courses are only offered in specific sessions. Please see advising for course planning.		
Please see our degree requirements website for links to our flowcharts and our most up to date course lists. Tempe Campus: https://scai.engineering.asu.edu/computer-science-bs/degree-requirements/ Online Campus: https://scai.engineering.asu.edu/cs-online-degree-requirements/		

Computer Science Lower Division

CSE 110 Principles of Programming (QTRS)	C	3
EEE 120 Digital Design Fundamentals	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 230 Computer Organization and Assembly Language Programming	C	3

Requirement	Minimum Grade	Credit Hours
CSE 240 Introduction to Programming Languages	C	3
FSE 100 Introduction to Engineering	C	2
Computer Science Upper Division		
CSE 301 Computing Ethics	C	1
CSE 310 Data Structures and Algorithms	C	3
CSE 330 Operating Systems	C	3
CSE 340 Principles of Programming Languages	C	3
CSE 355 Introduction to Theoretical Computer Science	C	3
CSE 360 Introduction to Software Engineering	C	3
CSE 365 Information Assurance	C	3
CSE 485 Computer Science Capstone Project I	C	3
CSE 486 Computer Science Capstone Project II	C	3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3
MAT 343 Applied Linear Algebra	C	3
Computer Science Electives		
CSE 412 Database Management OR CSE 434 Computer Networks	C	3

Requirement	Minimum Grade	Credit Hours
OR **CSE 445 Distributed Software Development**		
400-Level **CSE Elective**	C	12
Technical Electives	C	6

- **AEE 415 Vibration Analysis**
- **AEE 426 Design of Aerospace Structures**
- **AEE 462 Space Vehicle Dynamics and Control**
- **AEE 463 Aircraft Propulsion**
- **AEE 465 Rocket Propulsion**
- **AEE 468 Aircraft Systems Design**
- **AEE 471 Computational Fluid Dynamics**
- **AME 430 Mac Development for Media Arts**
- **AME 435 Mobile Development**
- **BCH 361 Advanced Principles of Biochemistry**
- **BCH 461 General Biochemistry**
- **BCH 462 General Biochemistry**
- **BIO 340 General Genetics**
- **BIO 343 Genetic Engineering and Society**
- **BIO 345 Evolution**
- **BME 350 Signals and Systems for Bioengineers**
- **BME 416 Advanced Biomechanics**

Requirement	Minimum Grade	Credit Hours
BME 494 Topic: Applied Computational Behavioral Science		
CEE 412 Pavement Analysis and Design		
CEE 432 Developing Software for Engineering Applications		
CEE 440 Hydrology		
CEE 441 Water Resources Engineering		
CEE 452 Foundations		
CEE 462 Unit Operations in Environmental Engineering		
CEE 466 Urban Water System Design		
CEE 467 Environmental Microbiology		
CEE 474 Transportation Systems Planning		
CEE 475 Highway Geometric Design		
CEE 481 Civil Engineering Project Management		
CEE 486 Integrated Civil Engineering Design		
CHE 342 Introduction to Applied Chemical Thermodynamics		
CHE 432 Principles of Chemical Engineering Design		
CHE 442 Introduction to Chemical Reactor Design		
CHE 461 Process Dynamic Control (QTRS)		
CHE 462 Process Design		

Requirement	Minimum Grade	Credit Hours
CHE 469 Air Quality Engineering		
CHE 475 Biochemical Engineering		
CIS 415 Big Data and AI in Business		
CPI 311 Game Engine Development		
CPI 350 Evaluation of Informatics Systems		
CPI 360 Decision Making and Problem Solving		
CPI 411 Graphics for Games		
CPI 460 Intelligent Interactive Instructional Systems		
CPI 462 Design for Learning in Virtual Worlds		
CSE 320 Design and Synthesis of Digital Hardware		
CSE 325 Embedded Microprocessor Systems		
CSE 335 Principles of Mobile Application Development		
DAT 300 Mathematical Tools for Data Science		
DAT 301 Exploring Data in R and Python		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
EEE 304 Signals and Systems II		
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 335 Analog and Digital Circuits		

Requirement	Minimum Grade	Credit Hours
EEE 350 Random Signal Analysis		
EEE 360 Energy Systems and Power Electronics		
EEE 404 Real-Time DSP Systems		
EEE 407 Digital Signal Processing		
EEE 425 Digital Systems and Circuits		
EEE 433 Analog Integrated Circuits		
EEE 434 Quantum Mechanics for Engineers		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
EEE 437 Optoelectronics		
EEE 443 Antennas for Wireless Communications		
EEE 445 Microwaves		
EEE 448 Fiber Optics		
EEE 455 Communication Systems		
EEE 459 Communication Networks		
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		
EEE 470 Electric Power Devices		
EEE 471 Power System Analysis		
EEE 473 Electrical Machinery		

Requirement	Minimum Grade	Credit Hours
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Engineering for Humanity		
FSE 404 EPICS Gold: EPICS in Action		
IEE 376 Operations Research Deterministic Techniques/Applications		
IEE 381 Lean Six Sigma Methodology		
IEE 385 Engineering Statistics: Probability		
IEE 412 Introduction to Financial Engineering		
IEE 426 Operations Research in Healthcare		
IEE 431 Engineering Administration		
IEE 456 Introduction to Systems Engineering		
IEE 458 Project Management		
IEE 461 Production Control		
IEE 470 Stochastic Operations Research		
IEE 474 Quality Control		
IEE 475 Simulating Stochastic Systems (QTRS)		
MAE 341 Mechanism Analysis and Design		
MAE 404 Finite Elements in Engineering		

Requirement	Minimum Grade	Credit Hours
MAE 417 System Dynamics and Control II		
MAE 436 Combustion		
MAE 455 Polymers and Composites		
MEE 351 Manufacturing Processes		
MEE 434 Internal Combustion Engines		
MEE 446 Energy Systems Design II		
MSE 335 Materials Kinetics		
MSE 415 Mathematical and Computer Methods in Materials		
PHY 302 Mathematical Methods in Physics II		
PHY 361 Introductory Modern Physics		
PHY 462 Particle and Nuclear Physics		
SER 421 Web-Based Applications		
SER 422 Web Application Programming		
SER 423 Mobile Systems		
STP 421 Probability		
STP 425 Stochastic Processes		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		
400-Level CSE Elective		

Requirement	Minimum Grade	Credit Hours

Computer Science Major GPA

Check: Minimum 2.00 Major GPA

Not all courses are available through ASU Online campus.

Computer Science - Mathematics Lower Division

MAT 243 Discrete Mathematical Structures	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH) OR MAT 271 Calculus with Analytic Geometry II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH) OR CSE 259 Logic in Computer Science	C	3

Lab Science (SCIT)

Lab Science	11

Applied Biological Science:

ABS 130 Introduction to Environmental Science (SCIT)

Astronomy:

AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)

AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)

Biology:

BIO 100 The Living World (SCIT)

BIO 130 Introduction to Environmental Science (SCIT)

BIO 160 Introduction to Anatomy and Physiology (SCIT)

BIO 151 Biological Thinking

BIO 181 General Biology I (SCIT)

BIO 182 General Biology II (SCIT)

BIO 201 Human Anatomy and Physiology I (SCIT)

BIO 202 Human Anatomy and Physiology II (SCIT)

Chemistry:

CHM 101 Introductory Chemistry (SCIT)

CHM 107 Chemistry and Society (SCIT) **AND** **CHM 108 Chemistry and Society Laboratory (SCIT)**

CHM 113 General Chemistry I (SCIT)

CHM 114 General Chemistry for Engineers (SCIT)

CHM 116 General Chemistry II (SCIT)

CHM 111 General Chemistry Laboratory for Majors I (SCIT) **AND** CHM 117 General Chemistry for Majors I (SCIT)

CHM 112 General Chemistry Laboratory for Majors II (SCIT) **AND** CHM 118 General Chemistry for Majors II (SCIT)

CHM 231 Elementary Organic Chemistry (SCIT)

CHM 235 Elementary Organic Chemistry Laboratory (SCIT)

Environmental Sciences:

ENV 130 Introduction to Environmental Science (SCIT)

Forensics:

FOR 105 Physical Evidence and the Crime Scene (SCIT)

FOR 106 Biology Behind the Crime Scene (SCIT)

Geological Sciences:

GLG 108 Water Planet (SCIT)

GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** GLG 103 Introduction to Geology I: Laboratory (SCIT)

GLG 102 Introduction to Geology II (Historical) (SCIT) **AND** GLG 104 Introduction to Geology II: Laboratory (SCIT)

GLG 110 Dangerous World (SCIT) AND GLG 111 Dangerous World Laboratory (SCIT)

Physical Geography:

GPH 211 Landform Processes (SCIT)

GPH 111 Introduction to Physical Geography (SCIT) AND GPH 112 Introduction to Physical Geography Lab (SCIT)

GPH 212 Introduction to Meteorology (SCIT) AND GPH 214 Introduction to Meteorology Laboratory (SCIT)

Material Science:

MSE 208 Patterns in Nature (SCIT)

Physical Science:

PHS 110 Fundamentals of Physical Science (SCIT)

PHS 115 The Science of Musical Instruments

PHS 208 Patterns in Nature (SCIT)

Physics:

PHY 101 Introduction to Physics (SCIT)

PHY 111 General Physics (SCIT) AND PHY 113 General Physics Laboratory (SCIT)

PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**

PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**

PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**

PHY 150 Physics I (SCIT)

PHY 151 Physics II (SCIT)

PHY 252 Physics III (SCIT)

Science Education:

SCN 250 Physical Science by Inquiry

Earth Space:

SES 106 Habitable Worlds (SCIT)

SES 121 Earth, Solar System and Universe (SCIT) **AND** **SES 123 Earth, Solar System and Universe Laboratory (SCIT)**

SES 141 Energy In Everyday Life (SCIT)

Sustainability:

SOS 182 Water Planet (SCIT)

AND Scientific Thinking in Natural Sciences (SCIT)

Three total (SCIT) lab science courses are required. Two (SCIT) courses must be from the same subject area and one (SCIT) course must be from a different subject area.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Science (Cybersecurity), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Ira A. Fulton Schools of Engineering
Plan Code: ESCSEIBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Not all courses are available at the West Campus.		
Not all major required courses are available every term. - Please see our degree requirements website for links to our flowcharts and our most up to date course lists. https://scai.engineering.asu.edu/computer-science-ba/cs-ba-degree-requirement		

Major Lower Division Requirements

ACO 201 Data Structures and Algorithms (QTRS) OR **SER 222 Design and Analysis of Data Structures and Algorithms** OR **CPI 220 Applied Data Structures and Algorithms**	C	3
CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 225 Introduction to Modern Computing Systems	C	3

Requirement	Minimum Grade	Credit Hours
CSE 240 Introduction to Programming Languages	C	3

Computer Science Upper Division Core Requirements

CSE 301 Computing Ethics	C	1
ACO 320 Database Systems	C	3
ACO 330 Computer Networks	C	3
ACO 350 Systems Programming (QTRS)	C	3
CSE 360 Introduction to Software Engineering	C	3

Cybersecurity Concentration Core

ACO 361 Secure Coding Concepts	C	3
Upper Division Computing Electives	C	6

- ACO 321 Database Development & Applications
- ACO 331 Network Forensics Analysis
- ACO 351 Governance, Risk and Compliance
- ACO 361 Secure Coding Concepts
- ACO 394 Special Topics
- ACO 420 Big Data Systems
- ACO 423 Data Science
- ACO 430 Wireless Networks and Security

Requirement	Minimum Grade	Credit Hours
ACO 431 Network Security		
ACO 432 Distributed Systems		
ACO 461 Security Operations		
ACO 494 Special Topics		
CPI 310 Web-Based Information Management Systems		
CPI 350 Evaluation of Informatics Systems		
CPI 360 Decision Making and Problem Solving		
CSE 335 Principles of Mobile Application Development		
CSE 365 Information Assurance		
CSE 445 Distributed Software Development		
CSE 446 Software Integration and Engineering		
CSE 460 Software Analysis and Design		
CSE 463 Introduction to Human Computer Interaction		
CSE 494 Special Topics		
Upper Division Cybersecurity Electives	C	12
ACO 331 Network Forensics Analysis		
ACO 351 Governance, Risk and Compliance		
ACO 401 Managing Cyber Risks in Enterprise Business Processes		
ACO 402 Privacy, Ethics and Compliance Issues		

Requirement	Minimum Grade	Credit Hours
ACO 430 Wireless Networks and Security **ACO 431 Network Security** **ACO 461 Security Operations** **FOR 350 Digital Forensics**		
Upper Division **FSE Elective** Recommended: **FSE 301** OR **FSE 350** The FSE Upper Division Elective may be met with two one-credit hour courses, or a three-credit hour course with the additional credit being allocated to university electives.	C	2

Computing Capstone/Experiential Learning Requirement

Completion of all major MAT/STP coursework and the listed CSE or ACO prerequisites with a C or better is required prior to enrollment in the experiential learning courses. This is a two-semester requirement. Experiential learning courses may not be taken concurrently in the same semester.

All students must take at least three credit hours of CSE 484 or ACO/CSE 499, and may choose to take all six credit hours as CSE 484 and/or ACO/CSE 499, if they desire. See academic advisor for questions.

CSE 484 Internship OR **CSE 499 Individualized Instruction** OR **ACO 499 Individualized Instruction**	C	3
Upper Division Computing Capstone/Experiential Learning Requirement	C	3

Requirement	Minimum Grade	Credit Hours
Only one of ACO 482 or ACO 494 Industry Capstone Projects may apply for three out of the six credit hours for the Experiential Learning requirement.		
ACO 482 Design Thinking for National Security		
ACO 484 Internship		
ACO 494 Topic: Industry Capstone Projects		
ACO 499 Individualized Instruction		
CSE 484 Internship		
CSE 492 Honors Directed Study		
CSE 493 Honors Thesis		
CSE 499 Individualized Instruction		

Computer Science - Cybersecurity - Major Requirement

Check: Minimum 2.0 Major GPA

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)** OR **MAT 265 Calculus for Engineers I (MATH)** OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
MAT 243 Discrete Mathematical Structures	C	3

STP 226 Elements of Statistics (QTRS)	C	3

Communication Elective

Upper Division Communication Elective

COM 316 Gender and Communication (SOBE) COM 317 Nonverbal Communication (SOBE) COM 353 Professional Communication COM 371 Language, Culture and Communication (GCSI) COM 415 Risk Communication (SOBE) COM 416 Gender and Race in the Media COM 457 New Media COM 459 Theory and Methods of Social Media Networks COM 471 Global Media and Cultural Identity (GCSI) COM 477 Sport, Culture, and Discourses	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Science (Cybersecurity), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCSEIBS
Minimum credit hours: 120
Upper division minimum credit hours: 52

Requirement	Minimum Grade	Credit Hours
Please see our degree requirements website for links to our flowcharts and our most up-to-date course lists. https://scai.engineering.asu.edu/computer-science-bs/concentrations/		

Computer Science Lower Division

CSE 110 Principles of Programming (QTRS)	C	3
EEE 120 Digital Design Fundamentals	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 230 Computer Organization and Assembly Language Programming	C	3
CSE 240 Introduction to Programming Languages	C	3
FSE 100 Introduction to Engineering	C	2

Requirement	Minimum Grade	Credit Hours
Computer Science Upper Division		
CSE 301 Computing Ethics	C	1
CSE 310 Data Structures and Algorithms	C	3
CSE 330 Operating Systems	C	3
CSE 340 Principles of Programming Languages	C	3
CSE 355 Introduction to Theoretical Computer Science	C	3
CSE 360 Introduction to Software Engineering	C	3
CSE 365 Information Assurance	C	3
CSE 485 Computer Science Capstone Project I	C	3
CSE 486 Computer Science Capstone Project II	C	3
MAT 343 Applied Linear Algebra	C	3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3
Cybersecurity Focus Courses		
Upper Division Cybersecurity Focus Courses	C	6
CSE 466 Computer Systems Security		
CSE 467 Data and Information Security		
CSE 468 Computer Network Security		

Requirement	Minimum Grade	Credit Hours
CSE 469 Computer and Network Forensics CSE 494 Topic: Artificial Intelligence for Cyber Security		
CSE 412 Database Management OR CSE 434 Computer Networks OR CSE 445 Distributed Software Development	C	3
Upper Division Cybersecurity Electives CSE 445 Distributed Software Development CSE 460 Software Analysis and Design CSE 463 Introduction to Human Computer Interaction CSE 464 Software Quality Assurance and Testing CSE 466 Computer Systems Security CSE 467 Data and Information Security CSE 468 Computer Network Security CSE 469 Computer and Network Forensics CSE 471 Introduction to Artificial Intelligence CSE 494 Topic: Artificial Intelligence for Cyber Security	C	6
Upper Division Technical Electives AEE 415 Vibration Analysis AEE 426 Design of Aerospace Structures AEE 462 Space Vehicle Dynamics and Control	C	6

Requirement	Minimum Grade	Credit Hours
AEE 463 Aircraft Propulsion		
AEE 465 Rocket Propulsion		
AEE 468 Aircraft Systems Design		
AEE 471 Computational Fluid Dynamics		
AME 430 Mac Development for Media Arts		
AME 435 Mobile Development		
BCH 361 Advanced Principles of Biochemistry		
BCH 461 General Biochemistry		
BCH 462 General Biochemistry		
BIO 340 General Genetics		
BIO 343 Genetic Engineering and Society		
BIO 345 Evolution		
BME 350 Signals and Systems for Bioengineers		
BME 413 Biomedical Instrumentation		
BME 416 Advanced Biomechanics		
BME 494 Topic: Applied Computational Behavioral Science		
CEE 412 Pavement Analysis and Design		
CEE 432 Developing Software for Engineering Applications		
CEE 440 Hydrology		

Requirement	Minimum Grade	Credit Hours
CEE 441 Water Resources Engineering		
CEE 452 Foundations		
CEE 462 Unit Operations in Environmental Engineering		
CEE 466 Urban Water System Design		
CEE 467 Environmental Microbiology		
CEE 474 Transportation Systems Planning		
CEE 475 Highway Geometric Design		
CEE 481 Civil Engineering Project Management		
CEE 483 Highway Materials, Construction, and Quality		
CEE 486 Integrated Civil Engineering Design		
CHE 342 Introduction to Applied Chemical Thermodynamics		
CHE 432 Principles of Chemical Engineering Design		
CHE 442 Introduction to Chemical Reactor Design		
CHE 461 Process Dynamic Control (QTRS)		
CHE 462 Process Design		
CHE 469 Air Quality Engineering		
CHE 475 Biochemical Engineering		
CIS 415 Big Data and AI in Business		
CPI 311 Game Engine Development		

Requirement	Minimum Grade	Credit Hours
CPI 350 Evaluation of Informatics Systems		
CPI 360 Decision Making and Problem Solving		
CPI 411 Graphics for Games		
CPI 460 Intelligent Interactive Instructional Systems		
CPI 462 Design for Learning in Virtual Worlds		
CSE 325 Embedded Microprocessor Systems		
CSE 335 Principles of Mobile Application Development		
CSE 484 Internship		
DAT 300 Mathematical Tools for Data Science		
DAT 301 Exploring Data in R and Python		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
EEE 304 Signals and Systems II		
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 335 Analog and Digital Circuits		
EEE 350 Random Signal Analysis		
EEE 360 Energy Systems and Power Electronics		
EEE 404 Real-Time DSP Systems		
EEE 407 Digital Signal Processing		

Requirement	Minimum Grade	Credit Hours
EEE 425 Digital Systems and Circuits		
EEE 433 Analog Integrated Circuits		
EEE 434 Quantum Mechanics for Engineers		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
EEE 437 Optoelectronics		
EEE 439 Semiconductor Facilities and Cleanroom Practices		
EEE 443 Antennas for Wireless Communications		
EEE 445 Microwaves		
EEE 448 Fiber Optics		
EEE 455 Communication Systems		
EEE 455 Communication Systems		
EEE 459 Communication Networks		
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		
EEE 470 Electric Power Devices		
EEE 471 Power System Analysis		
EEE 473 Electrical Machinery		
EEE 480 Feedback Systems		

Requirement	Minimum Grade	Credit Hours
EEE 481 Computer-Controlled Systems		
FSE 301 Entrepreneurship and Value Creation		
FSE 404 EPICS Gold: EPICS in Action		
IEE 376 Operations Research Deterministic Techniques/Applications		
IEE 381 Lean Six Sigma Methodology		
IEE 385 Engineering Statistics: Probability		
IEE 412 Introduction to Financial Engineering		
IEE 426 Operations Research in Healthcare		
IEE 431 Engineering Administration		
IEE 456 Introduction to Systems Engineering		
IEE 458 Project Management		
IEE 461 Production Control		
IEE 470 Stochastic Operations Research		
IEE 474 Quality Control		
IEE 475 Simulating Stochastic Systems (QTRS)		
MAE 341 Mechanism Analysis and Design		
MAE 404 Finite Elements in Engineering		
MAE 417 System Dynamics and Control II		
MAE 436 Combustion		

Requirement	Minimum Grade	Credit Hours
MAE 455 Polymers and Composites		
MSE 335 Materials Kinetics		
MEE 351 Manufacturing Processes		
MEE 434 Internal Combustion Engines		
MEE 446 Energy Systems Design II		
MSE 415 Mathematical and Computer Methods in Materials		
PHY 302 Mathematical Methods in Physics II		
PHY 361 Introductory Modern Physics		
PHY 462 Particle and Nuclear Physics		
SER 416 Software Enterprise: Project and Process Management		
SER 421 Web-Based Applications		
SER 422 Web Application Programming		
SER 423 Mobile Systems		
STP 421 Probability		
STP 425 Stochastic Processes		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		
400-Level CSE Elective		

Requirement	Minimum Grade	Credit Hours

Computer Science (Cybersecurity) Major GPA

Check: Minimum 2.0 Major GPA

Computer Science - Mathematics Lower Division

MAT 243 Discrete Mathematical Structures	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH) OR **CSE 259 Logic in Computer Science**	C	3

Computer Science (Lab Science) (SCIT)

Lab Science 11

Applied Biological Science:

ABS 130 Introduction to Environmental Science (SCIT)

Astronomy:

AST 111 Introduction to Solar Systems Astronomy (SCIT)

AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)

Biology:

BIO 100 The Living World (SCIT)

BIO 130 Introduction to Environmental Science (SCIT)

BIO 160 Introduction to Anatomy and Physiology (SCIT)

BIO 151 Biological Thinking

BIO 181 General Biology I (SCIT)

BIO 182 General Biology II (SCIT)

BIO 201 Human Anatomy and Physiology I (SCIT)

BIO 202 Human Anatomy and Physiology II (SCIT)

Chemistry:

CHM 101 Introductory Chemistry (SCIT)

CHM 107 Chemistry and Society (SCIT) **AND** **CHM 108 Chemistry and Society Laboratory (SCIT)**

CHM 113 General Chemistry I (SCIT)

CHM 114 General Chemistry for Engineers (SCIT)

CHM 116 General Chemistry II (SCIT)

CHM 111 General Chemistry Laboratory for Majors I (SCIT) **AND** **CHM 117 General Chemistry for Majors I (SCIT)**

CHM 112 General Chemistry Laboratory for Majors II (SCIT) **AND** **CHM 118 General Chemistry for Majors II (SCIT)**

CHM 231 Elementary Organic Chemistry (SCIT)

CHM 235 Elementary Organic Chemistry Laboratory (SCIT)

Environmental Science:

ENV 130 Introduction to Environmental Science (SCIT)

Forensics:

FOR 105 Physical Evidence and the Crime Scene (SCIT)

FOR 106 Biology Behind the Crime Scene (SCIT)

Geological Science:

GLG 108 Water Planet (SCIT)

GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **GLG 103 Introduction to Geology I: Laboratory (SCIT)**

GLG 102 Introduction to Geology II (Historical) (SCIT) **AND** **GLG 104 Introduction to Geology II: Laboratory (SCIT)**

GLG 110 Dangerous World (SCIT) **AND** **GLG 111 Dangerous World Laboratory (SCIT)**

Physical Geography:

GPH 211 Landform Processes (SCIT)

GPH 111 Introduction to Physical Geography (SCIT) **AND** **GPH 112 Introduction to Physical Geography Lab (SCIT)**

GPH 212 Introduction to Meteorology (SCIT) **AND** **GPH 214 Introduction to Meteorology Laboratory (SCIT)**

Material Science:

MSE 208 Patterns in Nature (SCIT)

Physical Science:

PHS 110 Fundamentals of Physical Science (SCIT)

PHS 115 The Science of Musical Instruments

PHS 208 Patterns in Nature (SCIT)

Physics:

PHY 101 Introduction to Physics (SCIT)

PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**

PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**

PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**

PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**

PHY 150 Physics I (SCIT)

PHY 151 Physics II (SCIT)

PHY 252 Physics III (SCIT)

Science Education:

SCN 250 Physical Science by Inquiry

Earth Science:

SES 106 Habitable Worlds (SCIT)

SES 121 Earth, Solar System and Universe (SCIT) **AND** **SES 123 Earth, Solar System and Universe Laboratory (SCIT)**

SES 141 Energy In Everyday Life (SCIT)

Sustainabilty:

SOS 182 Water Planet (SCIT)

AND Scientific Thinking in Natural Sciences (SCIT)

Three total (SCIT) lab science courses are required. Two (SCIT) courses must be from the same subject area and one (SCIT) course must be from a different subject area.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Science (Software Engineering), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCSESBS
Minimum credit hours: 120
Upper division minimum credit hours: 52

Requirement	Minimum Grade	Credit Hours
Please see our degree requirements website for links to our flowcharts and our most up to date course lists. https://scai.engineering.asu.edu/computer-science-bs/concentrations/		

Computer Science (Software Engineering) Lower Division Requirements

CSE 110 Principles of Programming (QTRS)	C	3
EEE 120 Digital Design Fundamentals	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 230 Computer Organization and Assembly Language Programming	C	3
CSE 240 Introduction to Programming Languages	C	3
FSE 100 Introduction to Engineering	C	2

Requirement	Minimum Grade	Credit Hours
Computer Science (Software Engineering) Upper Division Requirements		
CSE 301 Computing Ethics	C	1
CSE 310 Data Structures and Algorithms	C	3
CSE 330 Operating Systems	C	3
CSE 340 Principles of Programming Languages	C	3
CSE 355 Introduction to Theoretical Computer Science	C	3
CSE 360 Introduction to Software Engineering	C	3
CSE 365 Information Assurance	C	3
CSE 485 Computer Science Capstone Project I	C	3
CSE 486 Computer Science Capstone Project II	C	3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3
MAT 343 Applied Linear Algebra	C	3
Computer Science (Software Engineering) Electives		
CSE 445 Distributed Software Development	C	3
CSE 446 Software Integration and Engineering	C	3
CSE 460 Software Analysis and Design	C	3

Requirement	Minimum Grade	Credit Hours
CSE 464 Software Quality Assurance and Testing	C	3
CSE 463 Introduction to Human Computer Interaction OR CSE 466 Computer Systems Security OR CSE 467 Data and Information Security OR CSE 468 Computer Network Security	C	3
Upper Division Technical Electives	C	6
AEE 415 Vibration Analysis		
AEE 426 Design of Aerospace Structures		
AEE 462 Space Vehicle Dynamics and Control		
AEE 463 Aircraft Propulsion		
AEE 465 Rocket Propulsion		
AEE 468 Aircraft Systems Design		
AEE 471 Computational Fluid Dynamics		
AME 430 Mac Development for Media Arts		
AME 435 Mobile Development		
BCH 361 Advanced Principles of Biochemistry		
BCH 461 General Biochemistry		
BCH 462 General Biochemistry		
BIO 340 General Genetics		
BIO 343 Genetic Engineering and Society		
BIO 345 Evolution		

Requirement	Minimum Grade	Credit Hours
BME 350 Signals and Systems for Bioengineers		
BME 413 Biomedical Instrumentation		
BME 416 Advanced Biomechanics		
BME 494 Topic: Applied Computational Behavioral Science		
CEE 412 Pavement Analysis and Design		
CEE 432 Developing Software for Engineering Applications		
CEE 440 Hydrology		
CEE 441 Water Resources Engineering		
CEE 452 Foundations		
CEE 462 Unit Operations in Environmental Engineering		
CEE 466 Urban Water System Design		
CEE 467 Environmental Microbiology		
CEE 474 Transportation Systems Planning		
CEE 475 Highway Geometric Design		
CEE 481 Civil Engineering Project Management		
CEE 483 Highway Materials, Construction, and Quality		
CEE 486 Integrated Civil Engineering Design		
CHE 342 Introduction to Applied Chemical Thermodynamics		

Requirement	Minimum Grade	Credit Hours
CHE 432 Principles of Chemical Engineering Design		
CHE 442 Introduction to Chemical Reactor Design		
CHE 461 Process Dynamic Control (QTRS)		
CHE 462 Process Design		
CHE 469 Air Quality Engineering		
CHE 475 Biochemical Engineering		
CIS 415 Big Data and AI in Business		
CPI 311 Game Engine Development		
CPI 350 Evaluation of Informatics Systems		
CPI 360 Decision Making and Problem Solving		
CPI 411 Graphics for Games		
CPI 460 Intelligent Interactive Instructional Systems		
CPI 462 Design for Learning in Virtual Worlds		
CSE 320 Design and Synthesis of Digital Hardware		
CSE 325 Embedded Microprocessor Systems		
CSE 335 Principles of Mobile Application Development		
400-Level CSE Elective		
DAT 300 Mathematical Tools for Data Science		
DAT 301 Exploring Data in R and Python		

Requirement	Minimum Grade	Credit Hours
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
EEE 304 Signals and Systems II		
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 335 Analog and Digital Circuits		
EEE 350 Random Signal Analysis		
EEE 360 Energy Systems and Power Electronics		
EEE 404 Real-Time DSP Systems		
EEE 407 Digital Signal Processing		
EEE 425 Digital Systems and Circuits		
EEE 433 Analog Integrated Circuits		
EEE 434 Quantum Mechanics for Engineers		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
EEE 437 Optoelectronics		
EEE 439 Semiconductor Facilities and Cleanroom Practices		
EEE 443 Antennas for Wireless Communications		
EEE 445 Microwaves		

Requirement	Minimum Grade	Credit Hours
EEE 448 Fiber Optics		
EEE 455 Communication Systems		
EEE 459 Communication Networks		
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		
EEE 470 Electric Power Devices		
EEE 471 Power System Analysis		
EEE 473 Electrical Machinery		
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Engineering for Humanity		
FSE 404 EPICS Gold: EPICS in Action		
IEE 376 Operations Research Deterministic Techniques/Applications		
IEE 381 Lean Six Sigma Methodology		
IEE 385 Engineering Statistics: Probability		
IEE 412 Introduction to Financial Engineering		
IEE 426 Operations Research in Healthcare		
IEE 431 Engineering Administration		

Requirement	Minimum Grade	Credit Hours
IEE 456 Introduction to Systems Engineering		
IEE 458 Project Management		
IEE 461 Production Control		
IEE 470 Stochastic Operations Research		
IEE 474 Quality Control		
IEE 475 Simulating Stochastic Systems (QTRS)		
MAE 341 Mechanism Analysis and Design		
MAE 404 Finite Elements in Engineering		
MAE 417 System Dynamics and Control II		
MAE 436 Combustion		
MAE 455 Polymers and Composites		
MEE 351 Manufacturing Processes		
MEE 434 Internal Combustion Engines		
MEE 446 Energy Systems Design II		
MSE 335 Materials Kinetics		
MSE 415 Mathematical and Computer Methods in Materials		
PHY 302 Mathematical Methods in Physics II		
PHY 361 Introductory Modern Physics		
PHY 462 Particle and Nuclear Physics		

Requirement	Minimum Grade	Credit Hours
SER 416 Software Enterprise: Project and Process Management		
SER 421 Web-Based Applications		
SER 422 Web Application Programming		
SER 423 Mobile Systems		
STP 421 Probability		
STP 425 Stochastic Processes		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		

Computer Science (Software Engineering) Major GPA

Check: Minimum 2.0 Major GPA

Lab Science (SCIT)

Scientific Thinking in Natural Sciences (SCIT) **AND**	11
Lab Science	
Applied Biological Science:	
ABS 130 Introduction to Environmental Science (SCIT)	
Astronomy:	
AST 111 Introduction to Solar Systems Astronomy (SCIT)	

Requirement	Minimum Grade	Credit Hours
AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)		
Biology:		
BIO 100 The Living World (SCIT)		
BIO 130 Introduction to Environmental Science (SCIT)		
BIO 160 Introduction to Anatomy and Physiology (SCIT)		
BIO 151 Biological Thinking		
BIO 181 General Biology I (SCIT)		
BIO 182 General Biology II (SCIT)		
BIO 201 Human Anatomy and Physiology I (SCIT)		
BIO 202 Human Anatomy and Physiology II (SCIT)		
Chemistry:		
CHM 101 Introductory Chemistry (SCIT)		
CHM 107 Chemistry and Society (SCIT) **AND** **CHM 108 Chemistry and Society Laboratory (SCIT)**		
CHM 113 General Chemistry I (SCIT)		
CHM 114 General Chemistry for Engineers (SCIT)		
CHM 116 General Chemistry II (SCIT)		
CHM 111 General Chemistry Laboratory for Majors I (SCIT) **AND** **CHM**		

Requirement	Minimum Grade	Credit Hours
CHM 112 General Chemistry Laboratory for Majors II (SCIT) AND CHM 118 General Chemistry for Majors II (SCIT)		
CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT)		
Environmental Science:		
ENV 130 Introduction to Environmental Science (SCIT)		
Forensics:		
FOR 105 Physical Evidence and the Crime Scene (SCIT)		
FOR 106 Biology Behind the Crime Scene (SCIT)		
Geological Science:		
GLG 108 Water Planet (SCIT)		
GLG 101 Introduction to Geology I (Physical) (SCIT) AND GLG 103 Introduction to Geology I: Laboratory (SCIT)		
GLG 102 Introduction to Geology II (Historical) (SCIT) AND GLG 104 Introduction to Geology II: Laboratory (SCIT)		
GLG 110 Dangerous World (SCIT) AND GLG 111 Dangerous World Laboratory (SCIT)		
Physical Geography:		
GPH 211 Landform Processes (SCIT)		

Requirement	Minimum Grade	Credit Hours
GPH 111 Introduction to Physical Geography (SCIT) AND GPH 112 Introduction to Physical Geography Lab (SCIT)		
GPH 212 Introduction to Meteorology (SCIT) AND GPH 214 Introduction to Meteorology Laboratory (SCIT)		
Materials Science:		
MSE 208 Patterns in Nature (SCIT)		
Physical Science:		
PHS 110 Fundamentals of Physical Science (SCIT)		
PHS 115 The Science of Musical Instruments		
PHS 208 Patterns in Nature (SCIT)		
Science Education:		
SCN 250 Physical Science by Inquiry		
Earth Space:		
SES 106 Habitable Worlds (SCIT)		
SES 121 Earth, Solar System and Universe (SCIT) AND SES 123 Earth, Solar System and Universe Laboratory (SCIT)		
SES 141 Energy In Everyday Life (SCIT)		
Sustainability:		
SOS 182 Water Planet (SCIT)		

Requirement	Minimum Grade	Credit Hours
Three total (SCIT) lab science courses are required. Two (SCIT) courses must be from the same subject area and one (SCIT) course must be from a different subject area.		

Computer Science Mathematics Requirements

MAT 243 Discrete Mathematical Structures	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH) OR **CSE 259 Logic in Computer Science**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Systems Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCSEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Please see our degree requirements website for links to our flowcharts and our most up to date course lists. https://scai.engineering.asu.edu/computer-systems-engineering/degree-requirements-computer-systems-engineering/		

Computer Systems Engineering Lower Division

CSE 110 Principles of Programming (QTRS)	C	3
EEE 120 Digital Design Fundamentals	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 220 Programming for Computer Engineering	C	3
CSE 230 Computer Organization and Assembly Language Programming	C	3
FSE 100 Introduction to Engineering	C	2

Requirement	Minimum Grade	Credit Hours
Computer Systems Engineering Upper Division		
CSE 301 Computing Ethics	C	1
CSE 302 Circuits for Computer Engineers	C	3
CSE 310 Data Structures and Algorithms	C	3
CSE 320 Design and Synthesis of Digital Hardware	C	3
CSE 325 Embedded Microprocessor Systems	C	3
CSE 330 Operating Systems	C	3
CSE 360 Introduction to Software Engineering	C	3
CSE 420 Computer Architecture I	C	3
CSE 423 Systems Capstone Project I	C	3
CSE 424 Systems Capstone Project II	C	3
CSE 434 Computer Networks		3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3
MAT 343 Applied Linear Algebra	C+	3
Computer Systems Engineering Technical Electives		
Upper Division CSE Technical Electives	C	12
BME 494 Topic: Applied Computational Behavioral		

Requirement	Minimum Grade	Credit Hours
Science		
CPI 350 Evaluation of Informatics Systems		
CPI 411 Graphics for Games		
CSE 335 Principles of Mobile Application Development		
CSE 340 Principles of Programming Languages		
CSE 355 Introduction to Theoretical Computer Science		
CSE 365 Information Assurance		
DAT 300 Mathematical Tools for Data Science		
DAT 301 Exploring Data in R and Python		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
EEE 304 Signals and Systems II		
EEE 335 Analog and Digital Circuits		
EEE 350 Random Signal Analysis		
EEE 404 Real-Time DSP Systems		
EEE 407 Digital Signal Processing		
EEE 425 Digital Systems and Circuits		
EEE 455 Communication Systems		
EEE 480 Feedback Systems		

Requirement	Minimum Grade	Credit Hours
EEE 481 Computer-Controlled Systems		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Engineering for Humanity		
FSE 404 EPICS Gold: EPICS in Action		
IEE 385 Engineering Statistics: Probability		
MAT 416 Graph Theory		
MAT 421 Applied Computational Methods (MATH)		
MAT 447 Cryptography I		
MAT 448 Cryptography II		
PHY 302 Mathematical Methods in Physics II		
PHY 333 Electronic Circuits and Measurements		
PHY 441 Statistical and Thermal Physics		
SER 416 Software Enterprise: Project and Process Management		
CSE 408 Multimedia Information Systems		
CSE 412 Database Management		
CSE 420 Computer Architecture I		
CSE 434 Computer Networks		
CSE 438 Embedded Systems Programming		
CSE 440 Compiler Construction I		

Requirement	Minimum Grade	Credit Hours
CSE 445 Distributed Software Development		
CSE 446 Software Integration and Engineering		
CSE 450 Design and Analysis of Algorithms		
CSE 460 Software Analysis and Design		
CSE 463 Introduction to Human Computer Interaction		
CSE 464 Software Quality Assurance and Testing		
CSE 466 Computer Systems Security		
CSE 467 Data and Information Security		
CSE 468 Computer Network Security		
CSE 469 Computer and Network Forensics		
CSE 470 Computer Graphics		
CSE 471 Introduction to Artificial Intelligence		
CSE 472 Social Media Mining		
CSE 474 Mobile Robotics		
CSE 475 Foundations of Machine Learning		
CSE 476 Introduction to Natural Language Processing		
CSE 477 Introduction to Computer-Aided Geometric Design		
CSE 478 Foundations of Data Visualization		
400-Level CSE Elective		

Requirement	Minimum Grade	Credit Hours

Computer Systems Engineering Major GPA

Check: Minimum 2.0 Major GPA

Computer Systems Engineering Interdisciplinary Requirements

Biology or Chemistry Courses BIO 181 General Biology I (SCIT) BIO 182 General Biology II (SCIT) CHM 113 General Chemistry I (SCIT) CHM 114 General Chemistry for Engineers (SCIT)		4
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT)	C	4

Computer Systems Engineering Mathematics Lower Division

MAT 243 Discrete Mathematical Structures	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computer Systems Engineering (Cybersecurity), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCSEIBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Please see our degree requirements website for links to our flowcharts and our most up to date course lists. https://scai.engineering.asu.edu/computer-systems-engineering/concentrations-computer-systems-engineering/		

Computer Systems Engineering Lower Division Requirements

CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 220 Programming for Computer Engineering	C	3
CSE 230 Computer Organization and Assembly Language Programming	C	3
EEE 120 Digital Design Fundamentals	C	3
FSE 100 Introduction to Engineering	C	2

Requirement	Minimum Grade	Credit Hours
Computer Systems Engineering Upper Division Requirements		
CSE 301 Computing Ethics	C	1
CSE 302 Circuits for Computer Engineers	C	3
CSE 310 Data Structures and Algorithms	C	3
CSE 320 Design and Synthesis of Digital Hardware	C	3
CSE 325 Embedded Microprocessor Systems	C	3
CSE 330 Operating Systems	C	3
CSE 360 Introduction to Software Engineering	C	3
CSE 420 Computer Architecture I	C	3
CSE 423 Systems Capstone Project I	C	3
CSE 424 Systems Capstone Project II	C	3
CSE 434 Computer Networks	C	3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3
MAT 343 Applied Linear Algebra	C	3
Computer Systems Engineering (Cybersecurity) Concentration Requirements		
CSE 365 Information Assurance	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Cybersecurity Focus Courses		
CSE 466 Computer Systems Security	C	6
CSE 467 Data and Information Security		
CSE 468 Computer Network Security		
CSE 469 Computer and Network Forensics		
CSE 494 Topic: Artificial Intelligence for Cyber Security		

Computer Systems Engineering (Cybersecurity) Technical Electives

Cybersecurity Elective	C	3
BME 494 Topic: Applied Computational Behavioral Science		
CPI 350 Evaluation of Informatics Systems		
CPI 411 Graphics for Games		
CSE 335 Principles of Mobile Application Development		
CSE 340 Principles of Programming Languages		
CSE 355 Introduction to Theoretical Computer Science		
CSE 408 Multimedia Information Systems		
CSE 412 Database Management		
CSE 420 Computer Architecture I		
CSE 434 Computer Networks		

Requirement	Minimum Grade	Credit Hours
CSE 438 Embedded Systems Programming		
CSE 445 Distributed Software Development		
CSE 446 Software Integration and Engineering		
CSE 450 Design and Analysis of Algorithms		
CSE 460 Software Analysis and Design		
CSE 463 Introduction to Human Computer Interaction		
CSE 464 Software Quality Assurance and Testing		
CSE 466 Computer Systems Security		
CSE 467 Data and Information Security		
CSE 468 Computer Network Security		
CSE 469 Computer and Network Forensics		
CSE 470 Computer Graphics		
CSE 471 Introduction to Artificial Intelligence		
CSE 472 Social Media Mining		
CSE 474 Mobile Robotics		
CSE 475 Foundations of Machine Learning		
CSE 476 Introduction to Natural Language Processing		
CSE 477 Introduction to Computer-Aided Geometric Design		
CSE 478 Foundations of Data Visualization		

Requirement	Minimum Grade	Credit Hours
DAT 300 Mathematical Tools for Data Science		
DAT 301 Exploring Data in R and Python		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
EEE 304 Signals and Systems II		
EEE 335 Analog and Digital Circuits		
EEE 350 Random Signal Analysis		
EEE 404 Real-Time DSP Systems		
EEE 407 Digital Signal Processing		
EEE 425 Digital Systems and Circuits		
EEE 455 Communication Systems		
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Engineering for Humanity		
IEE 385 Engineering Statistics: Probability		
MAT 416 Graph Theory		
MAT 448 Cryptography II		
PHY 302 Mathematical Methods in Physics II		

Requirement	Minimum Grade	Credit Hours
PHY 333 Electronic Circuits and Measurements		
PHY 441 Statistical and Thermal Physics		
SER 416 Software Enterprise: Project and Process Management		
400-Level CSE Elective		

Computer Systems Engineering (Cybersecurity) Major GPA

Check: Minimum 2.0 Major GPA

Computer Systems Engineering Interdisciplinary Requirements

Biology or Chemistry Course		
BIO 181 General Biology I (SCIT)		4
BIO 182 General Biology II (SCIT)		
CHM 113 General Chemistry I (SCIT)		
CHM 114 General Chemistry for Engineers (SCIT)		
PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**	C	4

Computer Systems Engineering Mathematics Requirements

MAT 243 Discrete Mathematical Structures	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Construction Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCONBSE
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Construction Engineering Upper Division Requirements		
CNE 321 Structural Analysis and Design		3
CNE 351 Geotechnical Engineering		3
CNE 353 Civil Engineering Materials		3
CNE 383 Construction Estimating OR **CON 486 Infrastructure Construction Estimating**		3
CNE 400 Earth Systems Engineering and Management (SUST)		3
CNE 453 Construction Technology		3
CNE 455 Construction Project Management		3
CNE 484 Internship		1
CNE 487 Integrated Civil, Construction, and Environmental Engineering Design I		2
CNE 488 Integrated Civil, Construction, and Environmental Engineering Design II		2

Requirement	Minimum Grade	Credit Hours
CNE 495 Construction Planning and Scheduling		3
CNE 496 Construction Contract Administration		3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		3

Construction Engineering Design & Technical Electives

Upper Division Design Electives

CEE 420 Steel Structures CEE 421 Concrete Structures CEE 452 Foundations		6

Upper Division Technical Electives

3

Environmental:

CEE 462 Unit Operations in Environmental Engineering

CEE 467 Environmental Microbiology

Geotechnical:

CEE 452 Foundations

Structures:

CEE 420 Steel Structures

CEE 421 Concrete Structures

CEE 432 Developing Software for Engineering Applications

Transportation:

Requirement	Minimum Grade	Credit Hours
CEE 412 Pavement Analysis and Design		
CEE 474 Transportation Systems Planning		
CEE 475 Highway Geometric Design		
CEE 481 Civil Engineering Project Management		
CEE 483 Highway Materials, Construction, and Quality		
Water Resources:		
CEE 440 Hydrology		
CEE 441 Water Resources Engineering		
CEE 466 Urban Water System Design		
Other:		
CEE 372 Transportation Engineering		
CEE 493 Honors Thesis		
CEE 494 Special Topics		
CEE 494 Topic: Concrete Canoe Design		
CEE 494 Topic: Steel Bridge Design		
CON 310 Testing of Materials for Construction		
CON 345 Mechanical Systems		
CON 448 Sustainable Construction		
CON 454 Trenchless Construction Methods		
FSE 301 Entrepreneurship and Value Creation		

Requirement	Minimum Grade	Credit Hours

Construction Engineering Major GPA

Check: Minimum 2.0 Major GPA

Construction Engineering Lower Division

CNE 210 Engineering Mechanics I: Statics	C	3
CNE 212 Engineering Mechanics II: Dynamics	C	3
CNE 213 Introduction to Deformable Solids	C	3
CON 101 Construction and Culture: a Built Environment (HUAD)		3
CNE 243 Heavy Construction Equipment, Methods and Materials		3
CNE 271 Construction Safety	C	3
CNE 296 Summer Field Internship	C	1
FSE 100 Introduction to Engineering	C	2

Interdisciplinary Requirements

Basic Science	3
BIO 181 General Biology I (SCIT)	
BIO 182 General Biology II (SCIT)	

BME 111 Engineering Perspectives on Biological Systems		
GLG 101 Introduction to Geology I (Physical) (SCIT)		
EEE 202 Circuits I OR MAE 241 Introduction to Thermodynamics		4
MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1
CHM 114 General Chemistry for Engineers (SCIT) OR CHM 116 General Chemistry II (SCIT)		4
ECN 211 Macroeconomic Principles (SOBE) OR ECN 212 Microeconomic Principles (SOBE)		3

Upper Division Global Communities, Societies and Individuals

Upper Division Global Communities, Societies, and Individuals (GCSI) Recommended: **GCU 323** OR **GCU 325** OR **GCU 328** OR **GCU 350** OR **HST 302** OR **HST 303** OR **HST 304**		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CON The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Construction Management and Technology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCONMGTBS
Minimum credit hours: 120
Upper division minimum credit hours: 54

Requirement	Minimum Grade	Credit Hours
Major Upper Division Requirements		
ACC 382 Accounting and Financial Analysis		3
CON 310 Testing of Materials for Construction		2
CON 345 Mechanical Systems		3
CON 383 Construction Estimating OR CON 486 Infrastructure Construction Estimating		3
CON 424 Structural Design		3
CON 453 Construction Technology		3
CON 455 Construction Project Management		3
CON 448 Sustainable Construction		3
CON 484 Internship		1
CON 487 Project Controls		3

Requirement	Minimum Grade	Credit Hours
CON 491 Construction Project Capstone		3
CON 495 Construction Planning and Scheduling		3
CON 496 Construction Contract Administration		3
LES 305 Business Law and Ethics for Managers		3
MGT 380 Management and Strategy		3

Construction Management and Technology Electives

Upper Division **CON Elective** 9

Construction Management and Technology Major GPA

Check: Minimum 2.00 Major GPA

Major Lower Division Requirements

COM 225 Public Speaking and Presentations (CIVI)		3
CON 100 Introduction to Construction		2
CON 101 Construction and Culture: a Built Environment (HUAD)	C	3
CON 221 Applied Statics		3
CON 223 Strength of Materials	C	3
CON 243 Heavy Construction Equipment, Methods and Materials	C	3

CON 244 Working Drawing Analysis	C	3
CON 251 Microcomputer Applications for Construction	C	3
CON 252 Building Construction Methods, Materials, and Equipment	C	3
CON 271 Construction Safety	C	3
CON 273 Electrical Construction Fundamentals and Project Management	C	3
CON 296 Summer Field Internship		1
ECN 211 Macroeconomic Principles (SOBE)		3
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS)		3

Check: Minimum 2.00 ASU Cumulative GPA

Interdisciplinary Requirement

CEE 400 Earth Systems Engineering and Management (SUST)	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CON The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Students are expected to take internships during the summer unless otherwise approved by the Internship Director and chair of the Construction program. This may impact your financial

aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs. https://asu.my.salesforce-sites.com/kb/articles/FAQ/How-is-summer-financial-aid-awarded/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Electrical Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESEEEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Electrical Engineering, Lower Division		
CSE 100 Principles of Programming with C++ (QTRS) OR **CSE 110 Principles of Programming (QTRS)**	C	3
EEE 120 Digital Design Fundamentals	C	3
EEE 202 Circuits I		4
EEE 203 Signals and Systems I		3
EEE 241 Fundamentals of Electromagnetics		3
FSE 100 Introduction to Engineering		2
Electrical Engineering, Upper Division		
EEE 334 Circuits II		4
EEE 350 Random Signal Analysis		3
EEE 488 Senior Design Laboratory I		3
EEE 489 Senior Design Laboratory II		3

Requirement	Minimum Grade	Credit Hours
300-Level Upper Division Area Pathway		
EEE 304 Signals and Systems II		16
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 335 Analog and Digital Circuits		
EEE 341 Engineering Electromagnetics		
EEE 352 Properties of Electronic Materials		
EEE 360 Energy Systems and Power Electronics		
EEE 394 Topic: Quantum Mechanics for Quantum Information Science		
EEE 394 Topic: Introduction to Machine Learning for Engineers		
Upper Division Technical Electives		15
ComSigProcCtrl		
EEE 404 Real-Time DSP Systems		
EEE 405 Machine Learning Basics with Deployment to FPGAs		
EEE 407 Digital Signal Processing		
EEE 455 Communication Systems		
EEE 459 Communication Networks		
EEE 480 Feedback Systems		

Requirement	Minimum Grade	Credit Hours
EEE 481 Computer-Controlled Systems		
EEE 498 Topic: Networking for Big Data		
EEE 498 Topic: Foundations Machine Learning: From Theory to Pract		
Elect Circuits		
EEE 425 Digital Systems and Circuits		
EEE 433 Analog Integrated Circuits		
ElectroMag		
EEE 443 Antennas for Wireless Communications		
EEE 445 Microwaves		
EEE 448 Fiber Optics		
PhyElecPhoto		
EEE 434 Quantum Mechanics for Engineers		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
EEE 437 Optoelectronics		
EEE 439 Semiconductor Facilities and Cleanroom Practices		
Quantum Engineering		
EEE 498 Topic: Quantum Optics and Quantum Information		

Requirement	Minimum Grade	Credit Hours
Power Systems		
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		
EEE 465 Photovoltaic Energy Conversion		
EEE 470 Electric Power Devices		
EEE 471 Power System Analysis		
EEE 472 Power Electronics and Power Management		
EEE 473 Electrical Machinery		
EEE 498 Topic: Science and Technology of Solar Cell Fabrication		
EEE 498 Topic: Renewable Energy Technology and Systems		
EEE 498 Topic: Manufacturing Science of Solar Cells		
CompEngr		
EEE 404 Real-Time DSP Systems		
EEE 419 Python for Rapid Engineering Solutions		
Other (Honors)		
EEE 492 Honors Directed Study		
EEE 493 Honors Thesis		

Requirement	Minimum Grade	Credit Hours
Electrical Engineering Major GPA		
Check: Minimum 2.0 Major GPA		
Math, Science and Interdisciplinary Requirements		
CHM 114 General Chemistry for Engineers (SCIT) OR **CHM 116 General Chemistry II (SCIT)** Students who have credit for CHM 113 should take CHM 116.		4
ECN 211 Macroeconomic Principles (SOBE) OR **ECN 212 Microeconomic Principles (SOBE)**		3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 342 Linear Algebra OR **MAT 343 Applied Linear Algebra**	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

PHY 241 University Physics III	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-EEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Electrical Engineering (Electric Power and Energy Systems), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESEEEPBSE
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Electrical Engineering, Lower Division		
CSE 100 Principles of Programming with C++ (QTRS) OR **CSE 110 Principles of Programming (QTRS)**	C	3
EEE 120 Digital Design Fundamentals	C	3
EEE 202 Circuits I		4
EEE 203 Signals and Systems I		3
EEE 241 Fundamentals of Electromagnetics		3
FSE 100 Introduction to Engineering		2
Electrical Engineering, Upper Division		
EEE 334 Circuits II		4
EEE 350 Random Signal Analysis		3
EEE 360 Energy Systems and Power Electronics		4

Requirement	Minimum Grade	Credit Hours
EEE 488 Senior Design Laboratory I		3
EEE 489 Senior Design Laboratory II		3
300-Level Area Pathway		
EEE 304 Signals and Systems II		12
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 335 Analog and Digital Circuits		
EEE 341 Engineering Electromagnetics		
EEE 352 Properties of Electronic Materials		
EEE 394 Topic: Quantum Mechanics for Quantum Information Science		
EEE 394 Topic: Introduction to Machine Learning for Engineers		
Upper Division Power Technical Elective		9
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		
EEE 465 Photovoltaic Energy Conversion		
EEE 470 Electric Power Devices		
EEE 471 Power System Analysis		
EEE 472 Power Electronics and Power Management		
EEE 473 Electrical Machinery		

Requirement	Minimum Grade	Credit Hours
EEE 498 Topic: Manufacturing Science of Solar Cells **EEE 498 Topic: Science and Technology of Solar Cell Fabrication**		
Upper Division **EEE Elective** Recommended: **EEE 404** OR **EEE 405** OR **EEE 407** OR **EEE 419** OR **EEE 425** OR **EEE 433** OR **EEE 434** OR **EEE 435** OR **EEE 437** OR **EEE 439** OR **EEE 443** OR **EEE 445** OR **EEE 448** OR **EEE 455** OR **EEE 459** OR **EEE 460** OR **EEE 463** OR **EEE 465** OR **EEE 470** OR **EEE 471** OR **EEE 472** OR **EEE 473** OR **EEE 480** OR **EEE 481** OR **EEE 492** OR **EEE 493** OR **EEE 498** OR **EEE 498** OR **EEE 498** OR **EEE 498** OR **EEE 498** OR **EEE 498** OR **EEE 498** OR **EEE 436** OR **EEE 498**		6

Electrical Engineering (Electrical Power and Energy Systems) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

ECN 211 Macroeconomic Principles (SOBE) OR **ECN 212 Microeconomic Principles (SOBE)**		3
CHM 114 General Chemistry for Engineers (SCIT) OR **CHM 116 General Chemistry II (SCIT)**		4
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3

MAT 275 Modern Differential Equations (MATH)	C	3
MAT 342 Linear Algebra OR **MAT 343 Applied Linear Algebra**	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1
PHY 241 University Physics III	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-EEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSEGRBSE
Minimum credit hours: 63
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
Governance and Civic Engagement (CIVI)		3
Humanities, Arts and Design (HUAD)		3
Social and Behavioral Sciences (SOBE)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

Engineering Major Core

EGR 101 Foundations of Engineering Design Project I		3
EGR 102 Foundations of Engineering Design Project II		3
EGR 201 Use-Inspired Design Project I	C	3
EGR 202 Use-Inspired Design Project II	C	3
EGR 216 Engineering Electrical Fundamentals	C	3
EGR 217 Engineering Mechanics Fundamentals	C	3
EGR 218 Materials and Manufacturing Processes	C	3
EGR 219 Computational Modeling of Engineering Systems	C	3

Math, Science, and Interdisciplinary Studies Requirements

CHM 113 General Chemistry I (SCIT)	C	4
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3

Notes

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Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Engineering (Automotive Systems), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSEGRASBSE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Engineering Major Core		
EGR 101 Foundations of Engineering Design Project I		3
EGR 102 Foundations of Engineering Design Project II		3
EGR 201 Use-Inspired Design Project I	C	3
EGR 202 Use-Inspired Design Project II	C	3
EGR 216 Engineering Electrical Fundamentals	C	3
EGR 217 Engineering Mechanics Fundamentals	C	3
EGR 218 Materials and Manufacturing Processes	C	3
EGR 219 Computational Modeling of Engineering Systems	C	3
EGR 401 Professional Design Project I	C	3
EGR 402 Professional Design Project II		3
Automotive Systems Concentration		

Requirement	Minimum Grade	Credit Hours
EGR 306 Automotive Systems Project I	C	3
EGR 316 Automotive Systems Project II	C	3
EGR 330 Design of Electrical Systems OR **EGR 432 Engineering Thermo-Fluids II** If Electrical specialization, students must take EGR 330; if Mechanical specialization, students must take EGR 432.		3
EGR 340 Engineering Thermo-Fluids I	C	3
EGR 363 Automotive Powertrains and Thermal Systems	C	3
EGR 463 Vehicle Electrical Systems and Hybrid Systems		3
EGR 465 Ground Vehicle Dynamics		3

Engineering (Automotive Systems) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

CHM 113 General Chemistry I (SCIT)	C	4
EGR 280 Engineering Statistics (QTRS)		3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3

MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 321 Vector Mechanics and Vibration		3
HST 318 History of Engineering (HUAD)		3
MAT 343 Applied Linear Algebra		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition **OR** ENG 105 Advanced First-Year Composition **OR** ENG 107 First-Year Composition **AND** ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Engineering (Clean Energy Systems), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESEGRCEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
BSE Engineering Core		
EGR 101 Foundations of Engineering Design Project I		3
EGR 102 Foundations of Engineering Design Project II		3
EGR 201 Use-Inspired Design Project I	C	3
EGR 202 Use-Inspired Design Project II	C	3
EGR 401 Professional Design Project I	C	3
EGR 402 Professional Design Project II		3
Engineering Systems Fundamentals		
EGR 216 Engineering Electrical Fundamentals	C	3
EGR 217 Engineering Mechanics Fundamentals	C	3
EGR 218 Materials and Manufacturing Processes	C	3
EGR 219 Computational Modeling of Engineering Systems	C	3

Requirement	Minimum Grade	Credit Hours
Clean Energy Systems Core		
EGR 309 Clean Energy Systems Project I	C	3
EGR 319 Clean Energy Systems Project II	C	3
EGR 375 Clean Energy Systems: Fundamentals and Integration	C	3
EGR 376 Electric Vehicles and Mobility: Components and Systems		3
EGR 468 Clean Transportation Systems		3
EGR 476 Microgrid Design and Operation		3
EGR 478 Applied Photovoltaics		3
BSE EGR Secondary Focus Area		
Upper Division Technical Elective Students work with an academic advisor to identify their Upper Division Technical Electives.		9
Math, Science, General Studies Requirement		
CHM 113 General Chemistry I (SCIT)	C	4
EGR 280 Engineering Statistics (QTRS)		3
HST 318 History of Engineering (HUAD)		3
MAT 265 Calculus for Engineers I (MATH)	C	3

MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra		3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 321 Vector Mechanics and Vibration		3
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Engineering (Electrical Systems), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSEGRESBSE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Engineering Major Core		
EGR 101 Foundations of Engineering Design Project I		3
EGR 102 Foundations of Engineering Design Project II		3
EGR 201 Use-Inspired Design Project I	C	3
EGR 202 Use-Inspired Design Project II	C	3
EGR 216 Engineering Electrical Fundamentals	C	3
EGR 217 Engineering Mechanics Fundamentals	C	3
EGR 218 Materials and Manufacturing Processes	C	3
EGR 219 Computational Modeling of Engineering Systems	C	3
EGR 401 Professional Design Project I	C	3
EGR 402 Professional Design Project II		3
Electrical Systems Concentration		

Requirement	Minimum Grade	Credit Hours
EGR 304 Embedded Systems Design Project I	C	3
EGR 314 Embedded Systems Design Project II	C	3
EGR 330 Design of Electrical Systems	C	3
EGR 334 Analog-Digital Interface	C	3
EGR 338 Microcontrollers in Smart Systems		3
EGR 431 Power Management		3
EGR 476 Microgrid Design and Operation		3

Technical Electives

Upper Division Technical Electives 9

Engineering (Electrical Systems) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

CHM 113 General Chemistry I (SCIT)	C	4
EGR 280 Engineering Statistics (QTRS)		3
HST 318 History of Engineering (HUAD)		3
MAT 265 Calculus for Engineers I (MATH)	C	3

MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra		3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 331 Principles of Modern Electromagnetism		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Engineering (Mechanical Engineering Systems), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSEGRMEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Engineering Major Core		
EGR 101 Foundations of Engineering Design Project I		3
EGR 102 Foundations of Engineering Design Project II		3
EGR 201 Use-Inspired Design Project I	C	3
EGR 202 Use-Inspired Design Project II	C	3
EGR 216 Engineering Electrical Fundamentals	C	3
EGR 217 Engineering Mechanics Fundamentals	C	3
EGR 218 Materials and Manufacturing Processes	C	3
EGR 219 Computational Modeling of Engineering Systems	C	3
EGR 401 Professional Design Project I	C	3
EGR 402 Professional Design Project II		3

Requirement	Minimum Grade	Credit Hours
Mechanical Engineering Systems Concentration		
EGR 303 Mechanical Systems Project I	C	3
EGR 313 Mechanical Systems Project II	C	3
EGR 340 Engineering Thermo-Fluids I	C	3
EGR 343 Mechanics of Solid Materials	C	3
EGR 432 Engineering Thermo-Fluids II		3
EGR 444 Engineering Design	C	3
EGR 445 Mechanical Engineering Systems		3
Technical Electives		
Upper Division Technical Electives		9
Engineering (Mechanical Engineering Systems) Major GPA		
Check: Minimum 2.0 Major GPA		
Math, Science, and Interdisciplinary Studies Requirements		
CHM 113 General Chemistry I (SCIT)	C	4
EGR 280 Engineering Statistics (QTRS)		3
HST 318 History of Engineering (HUAD)		3

MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra		3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 321 Vector Mechanics and Vibration		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Engineering (Robotics), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSEGRRBSE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Engineering Major Core		
EGR 101 Foundations of Engineering Design Project I		3
EGR 102 Foundations of Engineering Design Project II		3
EGR 201 Use-Inspired Design Project I	C	3
EGR 202 Use-Inspired Design Project II	C	3
EGR 216 Engineering Electrical Fundamentals	C	3
EGR 217 Engineering Mechanics Fundamentals	C	3
EGR 218 Materials and Manufacturing Processes	C	3
EGR 219 Computational Modeling of Engineering Systems	C	3
EGR 401 Professional Design Project I	C	3
EGR 402 Professional Design Project II		3
Robotics Concentration		

Requirement	Minimum Grade	Credit Hours
EGR 304 Embedded Systems Design Project I	C	3
EGR 314 Embedded Systems Design Project II	C	3
EGR 433 Transforms and Systems Modeling		3
EGR 455 Robotic Systems I	C	3
EGR 456 Robotic Systems II		3
EGR 330 Design of Electrical Systems OR **EGR 343 Mechanics of Solid Materials** If Electrical specialization, must take EGR 330; if Mechanical specialization, must take EGR 343.	C	3
EGR 334 Analog-Digital Interface OR **EGR 444 Engineering Design** If Electrical specialization, must take EGR 334; if Mechanical specialization, must take EGR 444.		3

Engineering (Robotics) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

CHM 113 General Chemistry I (SCIT)	C	4
EGR 280 Engineering Statistics (QTRS)		3
HST 318 History of Engineering (HUAD)		3
MAT 265 Calculus for Engineers I (MATH)	C	3

MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra		3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 321 Vector Mechanics and Vibration		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Engineering Management, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESEMGBSE
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Engineering Management Lower Division		
ACC 231 Uses of Accounting Information I	C	3
ACC 241 Uses of Accounting Information II	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
ECN 211 Macroeconomic Principles (SOBE) OR ECN 212 Microeconomic Principles (SOBE)	C	3
FSE 100 Introduction to Engineering	C	2
Engineering Management Upper Division		
IEE 300 Economic Analysis for Engineers	C	3
IEE 321 Professional Engineering Practice	C	1
IEE 369 Work Analysis and Design	C	3
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
IEE 381 Lean Six Sigma Methodology	C	3
IEE 431 Engineering Administration	C	3
IEE 454 Risk Management	C	3
IEE 456 Introduction to Systems Engineering	C	3
IEE 458 Project Management	C	3
IEE 477 System Dynamics and Thinking	C	3
IEE 485 Systems Design Capstone I	C	3
IEE 486 Systems Design Capstone II	C	3
MAT 342 Linear Algebra OR MAT 343 Applied Linear Algebra	C	3
MGT 300 Principles of Management and Leadership	C	3

Math & Science Electives

Math and Science Electives	6

Business Analytics

MAT 275 Modern Differential Equations (MATH)

PHY 131 University Physics II: Electricity and Magnetism (SCIT)

Software Industry

MAT 243 Discrete Mathematical Structures

Requirement	Minimum Grade	Credit Hours
General Math and Science Course - Selected in consult with an Academic Advisor		
Sustainable and Environmental Benign Industry		
CEE 210 Engineering Mechanics I: Statics		
MAT 275 Modern Differential Equations (MATH)		
Electronics / Semiconductor Industry		
MAT 275 Modern Differential Equations (MATH)		
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		
Communication and Networks Industry		
MAT 275 Modern Differential Equations (MATH)		
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		
Power Systems Industry		
MAT 275 Modern Differential Equations (MATH)		
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		
Mechanical Systems Industry		
MAT 275 Modern Differential Equations (MATH)		
MSE 250 Structure and Properties of Materials		
MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics		

Requirement	Minimum Grade	Credit Hours
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		

Industry Focus Area

Upper Division Focus Area Courses	C	9
Software Industry		
CSE 310 Data Structures and Algorithms		
CSE 360 Introduction to Software Engineering		
300-Level CSE Elective		
400-Level CSE Elective		
Business Analytics		
IEE 376 Operations Research Deterministic Techniques/Applications		
IEE 385 Engineering Statistics: Probability		
IEE 461 Production Control		
IEE 474 Quality Control		
300-Level IEE Elective		
400-Level IEE Elective		
Sustainable and Environmentally Benign Industry		
CEE 361 Introduction to Environmental Engineering		

Requirement	Minimum Grade	Credit Hours
CEE 400 Earth Systems Engineering and Management (SUST)		
CEE 467 Environmental Microbiology		
CEE 470 Sustainable Environmental Biotechnologies		
CEE 494 Topic: Quantitative Approaches to Sustainability		
CEE 494 Topic: Bio-inspired Design		
Electronics / Semiconductor Industry		
EEE 352 Properties of Electronic Materials		
EEE 434 Quantum Mechanics for Engineers		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
EEE 439 Semiconductor Facilities and Cleanroom Practices		
Communication and Networks Industry		
EEE 350 Random Signal Analysis		
EEE 455 Communication Systems		
EEE 459 Communication Networks		
Power Systems Industry		
EEE 360 Energy Systems and Power Electronics		
EEE 463 Electrical Power Plants		

Requirement	Minimum Grade	Credit Hours
EEE 470 Electric Power Devices		
EEE 472 Power Electronics and Power Management		
CEE 384 Numerical Methods for Engineers (QTRS)		
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)		
Mechanical Systems Industry		
CEE 384 Numerical Methods for Engineers (QTRS)		
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)		
MEE 340 Heat Transfer		
MEE 434 Internal Combustion Engines		
MEE 482 Intermediate Thermodynamics		
MSE 355 Structure and Defects		
Focus Area Courses	C	6
Software Industry		
CSE 220 Programming for Computer Engineering **or** **CSE 240 Introduction to Programming Languages**		
CSE 310 Data Structures and Algorithms		
CSE 360 Introduction to Software Engineering		
300-Level CSE Elective		
400-Level CSE Elective		

Requirement	Minimum Grade	Credit Hours
Business Analytics		
IEE 376 Operations Research Deterministic Techniques/Applications		
IEE 385 Engineering Statistics: Probability		
IEE 461 Production Control		
IEE 474 Quality Control		
300-Level IEE Elective		
400-Level IEE Elective		
Sustainable and Environmentally Benign Industry		
CEE 213 Introduction to Deformable Solids		
CEE 361 Introduction to Environmental Engineering		
CEE 400 Earth Systems Engineering and Management (SUST)		
CEE 467 Environmental Microbiology		
CEE 470 Sustainable Environmental Biotechnologies		
CEE 494 Topic: Quantitative Approaches to Sustainability		
CEE 494 Topic: Bio-inspired Design		
Electronics / Semiconductor Industry		
EEE 202 Circuits I		
EEE 241 Fundamentals of Electromagnetics		

Requirement	Minimum Grade	Credit Hours
EEE 352 Properties of Electronic Materials		
EEE 434 Quantum Mechanics for Engineers		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
EEE 439 Semiconductor Facilities and Cleanroom Practices		
Communication and Networks Industry		
EEE 202 Circuits I		
EEE 203 Signals and Systems I		
EEE 350 Random Signal Analysis		
EEE 455 Communication Systems		
EEE 459 Communication Networks		
Power Systems Industry		
EEE 202 Circuits I		
EEE 241 Fundamentals of Electromagnetics		
EEE 360 Energy Systems and Power Electronics		
EEE 463 Electrical Power Plants		
EEE 470 Electric Power Devices		
EEE 472 Power Electronics and Power Management		
CEE 384 Numerical Methods for Engineers (QTRS)		

Requirement	Minimum Grade	Credit Hours
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)		
Mechanical Systems Industry		
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics		
MAE 241 Introduction to Thermodynamics		
CEE 384 Numerical Methods for Engineers (QTRS)		
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)		
MEE 340 Heat Transfer		
MEE 434 Internal Combustion Engines		
MEE 482 Intermediate Thermodynamics		
MSE 355 Structure and Defects		

Engineering Management Sustainability Elective

Sustainability (SUST)	**AND**	**SUST Track Course**	C	3

ALA 102 Landscapes and Sustainability (SUST)
CEE 181 Technological, Social, and Sustainable Systems (SUST)
SOS 100 Introduction to Sustainability (SUST)
SOS 110 Building a Sustainable World (SUST)

Requirement	Minimum Grade	Credit Hours
SOS 111 / PUP 190 Sustainable Cities (SUST)		
SOS 171 / GCU 171 The Thread of Energy (SUST)		

Engineering Management Major GPA

Check: Minimum 2.0 Major GPA

Engineering Management Interdisciplinary Requirements

CHM 114 General Chemistry for Engineers (SCIT) OR CHM 113 General Chemistry I (SCIT)	C	4
CSE 110 Principles of Programming (QTRS)	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT) AND PHY 122 University Physics Laboratory I (SCIT)	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

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Curriculum - Engineering Science (Business), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESESCBUSBS
Minimum credit hours: 120
Upper division minimum credit hours: 53

Requirement	Minimum Grade	Credit Hours
Major Lower Division Requirements		
ESC 201 Engineering Projects I	C	4
ESC 202 Engineering Projects II	C	4
FSE 100 Introduction to Engineering		2
FSE 104 EPICS Gold Feasibility and Planning		1
FSE 150 Perspectives on Grand Challenges for Engineering (GCSI)		3
Major Upper Division Requirements		
ACC 382 Accounting and Financial Analysis		3
ENG 301 Writing for the Professions		3
ESC 301 Advanced Engineering Projects I	C	4
ESC 302 Advanced Engineering Projects II	C	4

Requirement	Minimum Grade	Credit Hours
ESC 484 Internship OR Upper Division ENGINEERING ELECTIVE		6
ESC 490 Engineering Science Capstone I	C	4
ESC 491 Engineering Science Capstone II	C	4
FSE 301 Entrepreneurship and Value Creation		3
FSE 404 EPICS Gold: EPICS in Action		1
LES 305 Business Law and Ethics for Managers		3
MGT 380 Management and Strategy	C	3
MGT 400 Cross-Cultural Management (GCSI)		3
MGT 411 Leading Organizations		3
MKT 390 Essentials of Marketing		3
HST 318 History of Engineering (HUAD)		3
SCM 380 Supply Chain Management Foundations (SUST)		3

Engineering Science (Business) Major GPA

Check: Minimum 2.0 Major GPA

Interdisciplinary Requirements

CSE 101 Introduction to Computer Science and Programming for Non-Computer Science Majors (QTRS)	3

OR **CSE 100 Principles of Programming with C++ (QTRS)**		
ECN 211 Macroeconomic Principles (SOBE) OR **ECN 212 Microeconomic Principles (SOBE)**		3
ECN 221 Business Statistics (QTRS) OR **STP 226 Elements of Statistics (QTRS)**		3
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**		4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**		4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-ESC The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Curriculum - Engineering Science (Microelectronics), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESESCMEBS
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Major Lower Division Requirements		
EEE 120 Digital Design Fundamentals		3
ESC 110 History of the Semiconductor Industry	C	1
ESC 211 Engineering Tools for Microelectronics I	C	4
ESC 212 Engineering Tools for Microelectronics II	C	4
ESC 220 Networks I	C	4
ESC 221 Computing Tools for Microelectronics I	C	4
ESC 233 Verilog I	C	4
FSE 100 Introduction to Engineering		2
FSE 104 EPICS Gold Feasibility and Planning		1
FSE 150 Perspectives on Grand Challenges for Engineering (GCSI)		3
Major Upper Division Requirements		

Requirement	Minimum Grade	Credit Hours
ACC 382 Accounting and Financial Analysis		3
ESC 320 Networks II	C	4
ESC 321 Computing Tools for Microelectronics II	C	4
ESC 333 Verilog II	C	4
ESC 441 Test and Verification	C	4
ESC 443 VLSI Scripting	C	4
ESC 447 Layout and Timing	C	4
ESC 490 Engineering Science Capstone I	C	4
ESC 491 Engineering Science Capstone II	C	4
FSE 404 EPICS Gold: EPICS in Action		1
LES 305 Business Law and Ethics for Managers		3
MGT 380 Management and Strategy	C	3
MGT 400 Cross-Cultural Management (GCSI)		3
SCM 380 Supply Chain Management Foundations (SUST)		3

Engineering Science (Microelectronics) Major GPA

Check: Minimum 2.0 Major GPA

Interdisciplinary Requirements

CSE 100 Principles of Programming with C++ (QTRS) OR CSE 101 Introduction to Computer Science and Programming for Non-Computer Science Majors (QTRS)		3
ECN 211 Macroeconomic Principles (SOBE) OR ECN 212 Microeconomic Principles (SOBE)		3
ECN 221 Business Statistics (QTRS) OR STP 226 Elements of Statistics (QTRS)		3
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT) AND PHY 113 General Physics Laboratory (SCIT)		4
PHY 112 General Physics (SCIT) AND PHY 114 General Physics Laboratory (SCIT)		4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-ESC The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Environmental and Resource Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSETMBS
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Environmental and Resource Management Core		
ERM 201 Environmental Management	C	3
ERM 203 Environmental Regulations	C	3
ERM 302 Water and Wastewater Treatment Technology	C	3
ERM 401 Hazardous Waste Management		3
ERM 402 Unit Treatment Technologies		3
ERM 406 Environmental Chemistry		3
ERM 407 Occupational Hygiene		3
ERM 428 International Environmental Management		3
ERM 432 Sustainable Solid Waste Management		3
ERM 480 Senior Project		3

Requirement	Minimum Grade	Credit Hours
Environmental and Resource Management Electives		
Upper Division **ERM Elective**		6
Technical Electives		
PHY 112 General Physics (SCIT) **OR** Technical Elective		3
Upper Division Technical Electives ABS Elective AGB Elective BIO Elective CEE Elective CHM Elective CIS Elective CSE Elective EDT Elective EGR Elective ESC Elective EVE Elective FSE Elective GIT Elective GLG Elective GPH Elective HSE Elective IFT Elective MAT Elective MFG Elective OMT Elective PHY Elective PUP Elective RAS Elective SOS Elective TEM Elective TMC Elective		6
Technical Electives ABS Elective AGB Elective BIO Elective CEE Elective CHM Elective CIS Elective CSE Elective EDT Elective EGR Elective ESC Elective EVE Elective FSE Elective GIT Elective GLG Elective GPH Elective HSE Elective IFT Elective MAT Elective MFG Elective OMT Elective PHY Elective PUP Elective RAS Elective SOS Elective TEM Elective TMC Elective		9

Environmental and Resource Management Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

BIO 181 General Biology I (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS) OR STP 226 Elements of Statistics (QTRS)		3
MAT 210 Brief Calculus (MATH)	C	3
PHY 111 General Physics (SCIT)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Environmental Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESEVEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Environmental Upper Division		
CEE 300 Engineering Business Practice		3
CEE 341 Fluid Mechanics for Civil Engineers		3
CEE 384 Numerical Methods for Engineers (QTRS)		3
EVE 302 Environmental Engineering Fundamentals: Physical and Chemical Processes		3
EVE 303 Environmental Engineering Fundamentals: Microbiological Processes		3
EVE 304 Environmental Engineering Processes Lab		3
EVE 314 Data Science for Environmental and Civil Engineers		3
EVE 354 Materials in the Environment		4
EVE 465 Unit Operations in Wastewater Treatment		3
EVE 487 Integrated Civil, Construction, and Environmental Engineering Design I		2

Requirement	Minimum Grade	Credit Hours
EVE 488 Integrated Civil, Construction, and Environmental Engineering Design II		2
EVE 452 Environmental Investigation and Remediation Design		3
EVE 484 Internship		1
EVE 498 Pro-Seminar		1

Major Electives

CEE 440 Hydrology		3
CEE 441 Water Resources Engineering OR ERM 401 Hazardous Waste Management OR CHE 469 Air Quality Engineering OR EVE 411 Sustainable Energy, Materials and Technology		3
EVE 461 Unit Operations in Drinking Water Treatment		3
CEE 467 Environmental Microbiology		3
Environmental Elective		3

> ASB 326 Human Impacts on Ancient Environments (SUST)
>
> ASB 370 Ethics of Eating (SUST) or BIO 324 Environmental Ethics (SUST) or CEE 351 Geotechnical Engineering or CEE 372 Transportation Engineering or CEE 466 Urban Water System Design or CEE 470 Sustainable Environmental

Requirement	Minimum Grade	Credit Hours
Biotechnologies or CEE 485 Sustainable Civil and Environmental Systems Engineering or CHE 469 Air Quality Engineering or CHM 231 Elementary Organic Chemistry (SCIT) or CHM 233 General Organic Chemistry I or CHM 234 General Organic Chemistry II or CHM 240 Mathematical Methods in Chemistry (QTRS) or CHM 302 Environmental Chemistry or CHM 325 Analytical Chemistry or CHM 327 Instrumental Analysis or ENG 334 The American Southwest in Literature and Film (HUAD) or ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD) or ENG 367 Environmental Issues in Literature and Film or ENG 371 Rhetoric of the Environmental Movement or ENG 378 Environmental Creative Nonfiction (HUAD) or ENG 468 Environmental Literary Criticism (HUAD) or EVE 411 Sustainable Energy, Materials and Technology or EVE 492 Honors Directed Study or EVE 493 Honors Thesis or EVE 494 Special Topics or EVE 498 Pro-Seminar or EVE 499 Individualized Instruction or FSE 301 Entrepreneurship and Value Creation or HST 342 U.S. West 20th Century or HST 345 Environmental History (SUST) or PUP 301 Introduction to Urban Planning or PUP 442 Environmental Planning or PUP 485 International Field Studies		

Environmental Engineering Major GPA

Requirement	Minimum Grade	Credit Hours
Check: Minimum 2.0 Major GPA		

Interdisciplinary Requirements

GLG 101 Introduction to Geology I (Physical) (SCIT) OR **GLG 108 Water Planet (SCIT)** OR **GLG 110 Dangerous World (SCIT)**		3
CHM 113 General Chemistry I (SCIT)		4
CHM 116 General Chemistry II (SCIT)		4
MAT 242 Elementary Linear Algebra	C	2
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1

Environmental Lower Division

CEE 181 Technological, Social, and Sustainable Systems (SUST)		3
EVE 290 Statistics and Probability for Environmental Data (QTRS)		3

EVE 214 Environmental Engineering Mechanics	C	3
EVE 261 Introduction to Environmental Processes	C	3
FSE 100 Introduction to Engineering	C	2

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Graphic Information Technology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSGITBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Graphic Information Technology Core		
GIT 135 Graphic Communications	C	3
GIT 210 Creative Thinking and Design Visualization		3
GIT 215 Introduction to Web Authoring	C	3
GIT 230 Digital Illustration in Publishing	C	3
GIT 250 Introduction to Commercial Print		3
GIT 303 Digital Publishing		3
GIT 314 Multimedia Design, Planning and Storyboards		3
GIT 315 Digital Video Techniques		3
GIT 384 Commercial Photography		3
GIT 413 Professional Portfolio Design and Presentation		3
GIT 432 Graphic Industry Business Practices		3
GIT 450 Digital Workflow in Graphic Industries		3

Requirement	Minimum Grade	Credit Hours
GIT 480 Senior Project		3

Primary Focus Area

Commercial Photography and Video		6
GIT 334 Image Editing and Manipulation		
GIT 494 Special Topics		
GIT 415 Advanced Digital Video Techniques		
GIT 445 360 Production		
GIT 490 Advanced Commercial Photography		

OR

Digital Design, Print and Publishing		6
GIT 334 Image Editing and Manipulation		
GIT 333 Printing Technology		
GIT 494 Special Topics		
TWC 411 Principles of Visual Communication		
GIT 437 Color Reproduction Systems		

OR

Front-End Web Development		6
GIT 337 Web Content Design		
GIT 414 Web Site Design and Internet/Web Technologies		

Requirement	Minimum Grade	Credit Hours
GIT 417 Advanced Web Markup and Scripting		
GIT 418 Multimedia Authoring, Scripting and Production		
GIT 494 Special Topics		
OR		
Interaction Design		
GIT 340 Information Design and Usability		
GIT 350 Cross-Media Design		
GIT 402 New Media Internet Technologies		
GIT 435 Website and E-Commerce Strategies		
GIT 494 Special Topics		
OR		
Motion Graphics / Visual Effects		
GIT 211 3D Media Production		
GIT 312 Computer Animation and Motion Graphics		
GIT 334 Image Editing and Manipulation		
GIT 411 Visual Narrative in Motion Graphics		
GIT 494 Special Topics		

Upper Division Primary Focus Area

Upper Division Commercial Photography and Video

Requirement	Minimum Grade	Credit Hours
GIT 334 Image Editing and Manipulation		
GIT 494 Special Topics		
GIT 415 Advanced Digital Video Techniques		
GIT 445 360 Production		
GIT 490 Advanced Commercial Photography		
OR Upper Division Digital Design, Print and Publishing		
GIT 334 Image Editing and Manipulation		
GIT 333 Printing Technology		
GIT 494 Special Topics		
TWC 411 Principles of Visual Communication		
GIT 437 Color Reproduction Systems		
OR Upper Division Front-End Web Development		
GIT 337 Web Content Design		
GIT 414 Web Site Design and Internet/Web Technologies		
GIT 417 Advanced Web Markup and Scripting		
GIT 418 Multimedia Authoring, Scripting and Production		
GIT 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
OR **Upper Division Interaction Design**		
GIT 340 Information Design and Usability		
GIT 350 Cross-Media Design		
GIT 402 New Media Internet Technologies		
GIT 435 Website and E-Commerce Strategies		
GIT 494 Special Topics		
OR **Upper Division Motion Graphics / Visual Effects**		
GIT 312 Computer Animation and Motion Graphics		
GIT 334 Image Editing and Manipulation		
GIT 411 Visual Narrative in Motion Graphics		
GIT 494 Special Topics		

Graphic Information Technology Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

MAT 117 College Algebra (MATH)	C	3
HSE 101 Introduction to Human Systems Engineering (SOBE)		3

OR **PSY 101 Introduction to Psychology (SOBE)**

Related Courses

TMC 110 Understanding the Enterprise	3
TWC 451 Copyright and Intellectual Property in the Electronic Age	3

Secondary Focus Area

Secondary Focus Area	9
Upper Division Secondary Focus Area	3
Secondary Focus Area courses chosen in conjuction with advisor	

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Graphic Information Technology (Full-Stack Web Development), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESGITFSWBS
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Graphic Information Technology Core		
GIT 135 Graphic Communications	C	3
GIT 210 Creative Thinking and Design Visualization		3
GIT 215 Introduction to Web Authoring	C	3
GIT 230 Digital Illustration in Publishing	C	3
GIT 250 Introduction to Commercial Print		3
GIT 303 Digital Publishing		3
GIT 314 Multimedia Design, Planning and Storyboards		3
GIT 315 Digital Video Techniques		3
GIT 384 Commercial Photography		3
GIT 413 Professional Portfolio Design and Presentation		3
GIT 432 Graphic Industry Business Practices		3

Requirement	Minimum Grade	Credit Hours
GIT 450 Digital Workflow in Graphic Industries		3
GIT 480 Senior Project		3

Full-Stack Web Development Concentration

GIT 337 Web Content Design	C	3
GIT 414 Web Site Design and Internet/Web Technologies		3
GIT 417 Advanced Web Markup and Scripting	C	3
GIT 418 Multimedia Authoring, Scripting and Production		3
IFT 101 Information Technology Programming Logic	C	3
IFT 200 Information Modeling, Storage and Retrieval	C	3
IFT 210 Introduction to Java Technologies	C	3
IFT 300 Intermediate Database Management Systems		3

Full-Stack Web Development Elective

Upper Division Full-Stack Web Development Electives Recommended: **GIT 340** OR **GIT 435** OR **IFT 365**	3

Graphic Information Technology (Full-Stack Web Development) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

HSE 101 Introduction to Human Systems Engineering (SOBE)		3
MAT 117 College Algebra (MATH)	C	3

Related Courses

TMC 110 Understanding the Enterprise		3
TWC 451 Copyright and Intellectual Property in the Electronic Age		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Graphic Information Technology (User Experience), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESGITUEBS
Minimum credit hours: 120
Upper division minimum credit hours: 54

Requirement	Minimum Grade	Credit Hours
Graphic Information Technology Core		
GIT 135 Graphic Communications	C	3
GIT 210 Creative Thinking and Design Visualization		3
GIT 215 Introduction to Web Authoring	C	3
GIT 230 Digital Illustration in Publishing	C	3
GIT 250 Introduction to Commercial Print		3
GIT 303 Digital Publishing		3
GIT 314 Multimedia Design, Planning and Storyboards		3
GIT 315 Digital Video Techniques		3
GIT 384 Commercial Photography		3
GIT 413 Professional Portfolio Design and Presentation		3
GIT 432 Graphic Industry Business Practices		3

Requirement	Minimum Grade	Credit Hours
GIT 450 Digital Workflow in Graphic Industries		3
GIT 480 Senior Project		3

User Experience Concentration

GIT 337 Web Content Design	C	3
GIT 340 Information Design and Usability		3
GIT 414 Web Site Design and Internet/Web Technologies		3
HSE 225 Human Systems Integration	C	3
HSE 290 Experimental Methods for Human Systems Research (QTRS)	C	3
HSE 325 Human-Computer Interaction		3
HSE 390 Qualitative Research Methods		3
TWC 301 Fundamentals of Writing for Digital Media		3
TWC 414 Advanced Data Visualization		3
TWC 444 User Experience and Usability Research		3

Graphic Information Technology (User Experience) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3
MAT 117 College Algebra (MATH)	C	3

Related Courses

TMC 110 Understanding the Enterprise		3
TWC 451 Copyright and Intellectual Property in the Electronic Age		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Human Systems Engineering, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESHSEBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Human Systems Engineering Core		
HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 223 Applied Biology of Human Behavior (SOBE)	C	3
HSE 224 Applied Social Science (SOBE)	C	3
HSE 225 Human Systems Integration	C	3
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3
HSE 290 Experimental Methods for Human Systems Research (QTRS)	C	3
HSE 323 Perceptual Systems (SOBE)	C	3
HSE 324 Applied Cognitive Science (SOBE)	C	3
HSE 325 Human-Computer Interaction	C	3
HSE 390 Qualitative Research Methods	C	3
HSE 430 Statistics for Human Systems Research II (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
HSE 477 Human Systems Engineering Capstone Experience	C	3

Human Systems Engineering Electives

HSE 484 Internship **OR** Upper Division **HSE Elective**	3
HSE Elective	3
Upper Division **HSE Elective**	12

Human Systems Engineering Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

MAT 170 Precalculus (MATH)	C	3

Related Courses

FSE 100 Introduction to Engineering	2

Technical Electives

Technical Elective	12
Upper Division Technical Elective	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Human Systems Engineering (User Experience), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESHSEUEBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Human Systems Engineering Core		
HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3
HSE 223 Applied Biology of Human Behavior (SOBE)	C	3
HSE 224 Applied Social Science (SOBE)	C	3
HSE 225 Human Systems Integration	C	3
HSE 290 Experimental Methods for Human Systems Research (QTRS)	C	3
HSE 323 Perceptual Systems (SOBE)	C	3
HSE 324 Applied Cognitive Science (SOBE)	C	3
HSE 325 Human-Computer Interaction	C	3
HSE 390 Qualitative Research Methods	C	3

Requirement	Minimum Grade	Credit Hours
HSE 430 Statistics for Human Systems Research II (QTRS)		3
HSE 477 Human Systems Engineering Capstone Experience	C	3

User Experience Concentration

User Experience Concentration	C	12

- GIT 210 Creative Thinking and Design Visualization
- GIT 230 Digital Illustration in Publishing
- GIT 135 Graphic Communications
- GIT 337 Web Content Design
- GIT 340 Information Design and Usability
- GIT 402 New Media Internet Technologies
- GIT 414 Web Site Design and Internet/Web Technologies
- GIT 417 Advanced Web Markup and Scripting
- GIT 418 Multimedia Authoring, Scripting and Production
- GIT 494 Topic: UI/UX Consulting
- TWC 411 Principles of Visual Communication
- TWC 414 Advanced Data Visualization
- TWC 421 Principles of Web Authoring
- TWC 444 User Experience and Usability Research

Requirement	Minimum Grade	Credit Hours
UXP Elective		
Upper Division User Experience Concentration		
GIT 337 Web Content Design		
GIT 340 Information Design and Usability		
GIT 402 New Media Internet Technologies		
GIT 414 Web Site Design and Internet/Web Technologies		
GIT 417 Advanced Web Markup and Scripting		
GIT 418 Multimedia Authoring, Scripting and Production	C	9
GIT 494 Topic: UI/UX Consulting		
TWC 411 Principles of Visual Communication		
TWC 414 Advanced Data Visualization		
TWC 421 Principles of Web Authoring		
TWC 444 User Experience and Usability Research		
UXP Elective		

Human Systems Engineering Electives

HSE 484 Internship **OR** Upper Division **HSE Elective**	3

Requirement	Minimum Grade	Credit Hours
Upper Division **HSE Elective**		6

Human Systems Engineering (User Experience) Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

MAT 170 Precalculus (MATH)	C	3
CIS 105 Computer Applications and Information Technology (QTRS) OR **CSE 100 Principles of Programming with C++ (QTRS)** OR **CSE 110 Principles of Programming (QTRS)** OR **CSE 180 Computer Literacy (QTRS)** OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		3

Related Courses

FSE 100 Introduction to Engineering	2

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

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Curriculum - Industrial Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESIEEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 54

Requirement	Minimum Grade	Credit Hours
Industrial Engineering Lower Division Requirements		
IEE 210 Introduction to Industrial Engineering	C	3
FSE 100 Introduction to Engineering	C	2
Industrial Engineering Upper Division Requirements		
IEE 300 Economic Analysis for Engineers	C	3
IEE 305 Information Systems Engineering	C	3
IEE 321 Professional Engineering Practice	C	1
IEE 369 Work Analysis and Design	C	3
IEE 376 Operations Research Deterministic Techniques/Applications	C	4
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3
IEE 385 Engineering Statistics: Probability	C	3

Requirement	Minimum Grade	Credit Hours
IEE 461 Production Control	C	3
IEE 470 Stochastic Operations Research	C	3
IEE 474 Quality Control	C	3
IEE 475 Simulating Stochastic Systems (QTRS)	C	4
IEE 485 Systems Design Capstone I	C	3
IEE 486 Systems Design Capstone II	C	3
400-Level IEE 4 Elective**		
IEE 412 Introduction to Financial Engineering	C	9
IEE 421 Urban Operations Research		
IEE 426 Operations Research in Healthcare		
IEE 431 Engineering Administration		
IEE 437 Human Factors Engineering		
IEE 454 Risk Management		
IEE 458 Project Management		
IEE 461 Production Control		
IEE 470 Stochastic Operations Research		
IEE 474 Quality Control		
IEE 475 Simulating Stochastic Systems (QTRS)		
IEE 477 System Dynamics and Thinking		

Requirement	Minimum Grade	Credit Hours
Industrial Engineering Major Electives	C	3
CEE 400 Earth Systems Engineering and Management (SUST)		
CSE 310 Data Structures and Algorithms		
CSE 330 Operating Systems		
CSE 360 Introduction to Software Engineering		
CSE 494 Topic: Data Mining		
EEE 352 Properties of Electronic Materials		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
FSE 301 Entrepreneurship and Value Creation		
FSE 404 EPICS Gold: EPICS in Action		
STP 425 Stochastic Processes		
STP 429 Applied Regression (QTRS)		
AND **300-Level IEE 3** Elective**		
IEE 300 Economic Analysis for Engineers		
IEE 305 Information Systems Engineering		
IEE 320 Extreme Excel		
IEE 321 Professional Engineering Practice		
IEE 369 Work Analysis and Design		

Requirement	Minimum Grade	Credit Hours
IEE 376 Operations Research Deterministic Techniques/Applications		
IEE 376 Operations Research Deterministic Techniques/Applications		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		
IEE 381 Lean Six Sigma Methodology		
IEE 385 Engineering Statistics: Probability		
AND 400-Level IEE 4** Elective		
IEE 412 Introduction to Financial Engineering		
IEE 421 Urban Operations Research		
IEE 426 Operations Research in Healthcare		
IEE 431 Engineering Administration		
IEE 437 Human Factors Engineering		
IEE 454 Risk Management		
IEE 458 Project Management		
IEE 461 Production Control		
IEE 470 Stochastic Operations Research		
IEE 474 Quality Control		
IEE 475 Simulating Stochastic Systems (QTRS)		

Requirement	Minimum Grade	Credit Hours
IEE 477 System Dynamics and Thinking		

Industrial Engineering Major GPA

Check: Minimum 2.0 Major GPA

Interdisciplinary Requirements

CHM 114 General Chemistry for Engineers (SCIT) OR CHM 116 General Chemistry II (SCIT)	C	4
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT)	C	4
CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
ECN 211 Macroeconomic Principles (SOBE) OR ECN 212 Microeconomic Principles (SOBE)	C	3
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics		3
MAT 342 Linear Algebra OR MAT 343 Applied Linear Algebra	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3

MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C+	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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Curriculum - Informatics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESCPIBS
Minimum credit hours: 120
Upper division minimum credit hours: 55

Requirement	Minimum Grade	Credit Hours
All major required courses may not be available every term		
Students may select from other focus areas for informatics electives as well as from the additional informatics electives list below.		
Please see our degree requirements website for links to our flowcharts and our most up to date course lists. https://scai.engineering.asu.edu/informatics/informatics-degree-requirements/		

Informatics Lower Division

CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
MAT 243 Discrete Mathematical Structures	C	3
CPI 101 Introduction to Informatics (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
CPI 200 Mathematical Foundations of Informatics (MATH)	C	3
CPI 220 Applied Data Structures and Algorithms OR CSE 310 Data Structures and Algorithms	C	3
CPI 221 Advanced Object-Oriented Principles Using Java	C	3
MAT 210 Brief Calculus (MATH) OR MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 242 Elementary Linear Algebra OR MAT 342 Linear Algebra OR MAT 343 Applied Linear Algebra	C	2

Informatics Upper Division

CSE 301 Computing Ethics	C	1
CSE 463 Introduction to Human Computer Interaction	C	3
CSE 485 Computer Science Capstone Project I	C	3
CSE 486 Computer Science Capstone Project II	C	3
CPI 350 Evaluation of Informatics Systems	C	3
CPI 360 Decision Making and Problem Solving	C	3
CPI 310 Web-Based Information Management Systems	C	3
IEE 305 Information Systems Engineering	C	3

Informatics Focus Area

Requirement	Minimum Grade	Credit Hours
Upper Division Informatics Focus Area - Data Science	C	15
CSE 450 Design and Analysis of Algorithms		
CSE 467 Data and Information Security		
CSE 471 Introduction to Artificial Intelligence		
CSE 475 Foundations of Machine Learning		
CSE 476 Introduction to Natural Language Processing		
DAT 300 Mathematical Tools for Data Science		
DAT 301 Exploring Data in R and Python		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
OR		
Upper Division Informatics Focus Area - Digital Culture Studies		
300-Level AME Elective		
400-Level AME Elective		
ART 345 Visualization and Prototyping		
ART 348 Animation Motion Studies		
ART 394 Topic: Digital Photography for Non-Majors		
ART 424 Stop Motion Animation		
ART 440 Experimental Video Art		

Requirement	Minimum Grade	Credit Hours

ART 494 Topic: Visual Prototyping

CIS 300 Web Design and Development

EDT 440 Creating and Marketing Mobile Apps

MDC 311 Composing and Performing for Hybrid Ensembles

OR

Upper Division Informatics Focus Area - Enterprise Informatics

IEE 376 Operations Research Deterministic Techniques/Applications **AND** IEE 385 Engineering Statistics: Probability **AND** IEE 470 Stochastic Operations Research **AND** MAT 266 Calculus for Engineers II (MATH)

Select one course from the below list

IEE 461 Production Control IEE 421 Urban Operations Research IEE 426 Operations Research in Healthcare IEE 474 Quality Control IEE 475 Simulating Stochastic Systems (QTRS) IEE 477 System Dynamics and Thinking SCM 300 Global Supply Operations (SUST)

OR **Upper Division Informatics Focus Area - Game Informatics**

Select one course from the below list

CPI 394 Topic: Game Design Fundamentals CPI 411 Graphics for Games CPI 421 3-D Modeling and Texturing CPI 462 Design for Learning in Virtual Worlds FMS 365 Video Games and Narrative

Requirement	Minimum Grade	Credit Hours
OR **Upper Division Informatics Focus Area - Geo-Informatics**		
Select two courses from the below list **ABS 485 GIS in Natural Resources GCU 411 course not found GCU 442 Geographical Analysis of Transportation GIS 202 Drones to Satellites: Observing Earth from Above (QTRS) GIS 222 Programming Principles in GIS I** 300-Level GIS Elective 400-Level GIS Elective **AND** Not from GIS 484, GIS 492, GIS 493, GIS 499, GIS 494 "GIS Methods for Non-Majors"		
Additional Informatics Electives		
Upper Division Additional Informatics Electives		18
Students may take additional coursework from their selected focus area or any course in another focus area as Informatics Electives in addition to the courses listed below: **AME 394 Topic: Philosophies of Technology** **BIO 355 Introduction to Computational Molecular Biology** **BIO 411 Quantitative Methods in Conservation and Ecology** **CIS 308 Advanced Excel in Business** **CIS 310 Business Data Visualization** **CIS 405 Business Intelligence**		

Requirement	Minimum Grade	Credit Hours
CIS 407 Business Database Systems Development		
CPI 394 Special Topics		
CSE 408 Multimedia Information Systems		
CSE 412 Database Management		
CSE 434 Computer Networks		
CSE 445 Distributed Software Development		
CSE 446 Software Integration and Engineering		
CSE 460 Software Analysis and Design		
CSE 464 Software Quality Assurance and Testing		
CSE 470 Computer Graphics		
CSE 471 Introduction to Artificial Intelligence		
CSE 476 Introduction to Natural Language Processing		
CSE 477 Introduction to Computer-Aided Geometric Design		
CSE 494 Special Topics		
FSE 301 Entrepreneurship and Value Creation		
FSE 404 EPICS Gold: EPICS in Action		
GIT 335 Computer Systems Technology		
GIT 340 Information Design and Usability		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		

Requirement	Minimum Grade	Credit Hours
IEE 385 Engineering Statistics: Probability		
MAE 318 System Dynamics and Control I		
MAE 417 System Dynamics and Control II		
MAT 300 Mathematical Structures		
MAT 342 Linear Algebra OR **MAT 343 Applied Linear Algebra**		
MAT 421 Applied Computational Methods (MATH)		
SER 316 Software Enterprise: Construction and Transition		
SER 334 Operating Systems and System Programming		
SOC 334 Technology and Society (SOBE)		
STS 304 Science, Technology and Society (SOBE)		
TEL 313 Technology in an Educational Setting		
TEL 494 Topic: Introduction to Computer Science for Educators		
TWC 414 Advanced Data Visualization		
TWC 444 User Experience and Usability Research		

AND Students may select from other focus areas for informatics electives as well as from the list below

Informatics Major GPA

Check: Minimum 2.0 Major GPA

Informatics Statistics

GIS 270 Statistics for Geography and Planning OR **IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)** OR **STP 226 Elements of Statistics (QTRS)** OR **STP 231 Statistics for Life Science (QTRS)** OR **STP 420 Introductory Applied Statistics (QTRS)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Information Technology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSIFTBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Information Technology Core		
IFT 101 Information Technology Programming Logic	C	3
IFT 103 Operating System Architecture	C	3
IFT 166 Introduction to Internet Networking	C	3
IFT 200 Information Modeling, Storage and Retrieval	C	3
IFT 202 Foundations of Information and Computer System Security	C	3
IFT 210 Introduction to Java Technologies	C	3
IFT 220 Managing Configurations and Active Directory	C	3
IFT 250 Introduction to UNIX Utilities	C	3
IFT 266 Network Information Communication Technology	C	3
IFT 300 Intermediate Database Management Systems	C	3
IFT 301 Web Programming for Human Computer Interface	C	3

Requirement	Minimum Grade	Credit Hours
IFT 310 Information Systems Project Development	C	3
IFT 320 Managing the Cloud	C	3
IFT 372 Wireless Fundamentals	C	3
IFT 381 Information System Security	C	3
IFT 383 Shell and Script Programming with UNIX	C	3
IFT 458 Middleware Programming and Database Security	C	3
IFT 401 Information Technology Capstone		3

Information Technology Technical Electives

Upper Division Primary Focus Area

IFT 360 Applications in Artificial Intelligence IFT 365 Applied Programming Language for Information Technology IFT 370 Mobile Computing and Applications for Information Technology IFT 410 Big Data Tools and Practices IFT 421 Data in the Cloud for Information Technology IFT 460 Managing Intelligent Devices in an Enterprise Environment IFT 494 Topic: Appl Multi Tier End to End Application Development	C	12

Information Technology Major GPA

Check: Minimum 2.0 Major GPA

Math, Science, and Interdisciplinary Studies Requirements

HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3
HST 318 History of Engineering (HUAD)		3
MAT 210 Brief Calculus (MATH)	C	3
MAT 243 Discrete Mathematical Structures		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-IFT The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Information Technology (Cybersecurity), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESIFTCSBS
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Information Technology Core		
IFT 101 Information Technology Programming Logic	C	3
IFT 103 Operating System Architecture	C	3
IFT 166 Introduction to Internet Networking	C	3
IFT 200 Information Modeling, Storage and Retrieval	C	3
IFT 202 Foundations of Information and Computer System Security	C	3
IFT 210 Introduction to Java Technologies	C	3
IFT 220 Managing Configurations and Active Directory	C	3
IFT 250 Introduction to UNIX Utilities	C	3
IFT 266 Network Information Communication Technology	C	3
IFT 300 Intermediate Database Management Systems	C	3

Requirement	Minimum Grade	Credit Hours
IFT 301 Web Programming for Human Computer Interface	C	3
IFT 310 Information Systems Project Development	C	3
IFT 320 Managing the Cloud	C	3
IFT 372 Wireless Fundamentals	C	3
IFT 381 Information System Security	C	3
IFT 383 Shell and Script Programming with UNIX	C	3
IFT 401 Information Technology Capstone		3
IFT 458 Middleware Programming and Database Security	C	3
Cybersecurity Concentration		
IFT 420 Cloud Architecture for Information Technology	C	3
IFT 422 Cloud Security and Operations for Information Technology	C	3
IFT 475 Security Analysis	C	3
IFT 482 Network Forensics	C	3
IFT 483 Security Compliance for Information Technology	C	3
Upper-Division Technical Elective		
IFT 360 Applications in Artificial Intelligence OR IFT 460 Managing Intelligent Devices in an	C	3

Requirement	Minimum Grade	Credit Hours
Enterprise Environment OR **IFT 488 Systems Administration of UNIX**		

Math, Science, and Interdisciplinary Requirement

MAT 210 Brief Calculus (MATH)	C	3
MAT 243 Discrete Mathematical Structures		3
HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3
HST 318 History of Engineering (HUAD)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Information Technology (Networking), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESIFTNBS
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Information Technology Core		
IFT 101 Information Technology Programming Logic	C	3
IFT 103 Operating System Architecture	C	3
IFT 166 Introduction to Internet Networking	C	3
IFT 200 Information Modeling, Storage and Retrieval	C	3
IFT 202 Foundations of Information and Computer System Security	C	3
IFT 210 Introduction to Java Technologies	C	3
IFT 220 Managing Configurations and Active Directory	C	3
IFT 250 Introduction to UNIX Utilities	C	3
IFT 266 Network Information Communication Technology	C	3
IFT 300 Intermediate Database Management Systems	C	3
IFT 301 Web Programming for Human Computer Interface	C	3

Requirement	Minimum Grade	Credit Hours
IFT 310 Information Systems Project Development	C	3
IFT 320 Managing the Cloud	C	3
IFT 372 Wireless Fundamentals	C	3
IFT 381 Information System Security	C	3
IFT 383 Shell and Script Programming with UNIX	C	3
IFT 401 Information Technology Capstone		3
IFT 458 Middleware Programming and Database Security	C	3

Networking Concentration

IFT 366 TCP/IP and Routing	C	3
IFT 420 Cloud Architecture for Information Technology	C	3
IFT 462 Wireless Architecture	C	3
IFT 466 Advanced Computer Networks for Information Technology	C	3
IFT 482 Network Forensics	C	3

Upper-Division Technical Elective

IFT 380 Advanced Systems Configuration Management OR IFT 460 Managing Intelligent Devices in an Enterprise Environment OR IFT 488 Systems Administration of UNIX	C	3

Math, Science, and Interdisciplinary Studies

MAT 210 Brief Calculus (MATH)	C	3
MAT 243 Discrete Mathematical Structures		3
HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3
HST 318 History of Engineering (HUAD)		3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Manufacturing Engineering, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSMEGRBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Manufacturing Engineering - Core		
CSE 101 Introduction to Computer Science and Programming for Non-Computer Science Majors (QTRS)	C	3
EGR 280 Engineering Statistics (QTRS)	C	3
MFG 101 Introduction to Manufacturing Engineering		2
RAS 205 Design and Analysis of Data Structures and Algorithms	C	3
RAS 210 Computer-Aided Design and Manufacturing (CAD/CAM)	C	3
Engineering Fundamentals and Labs		
EGR 216 Engineering Electrical Fundamentals	C	3
EGR 218 Materials and Manufacturing Processes	C	3
EGR 217 Engineering Mechanics Fundamentals	C	3
MFG 190 Prototyping Lab		1

Requirement	Minimum Grade	Credit Hours
MFG 290 Machining Lab		1
MFG 390 Advanced Manufacturing Processes Lab		1
MFG 391 Materials Characterization Lab		1
MFG 490 Measurement and Metrology Lab		1
MFG 491 Computer Numerical Control Machining Lab		1

Manufacturing Engineering - Upper Division

EGR 401 Professional Design Project I	C	3
EGR 402 Professional Design Project II		3
MFG 311 Materials Processing Science		3
MFG 385 Design for Manufacturing		3
MFG 387 Industrial Automation		3
MFG 388 Industrial Robotics		3
MFG 461 Engineering Economics		3
MFG 480 Advanced Statistical Approaches for Manufacturing		3

Manufacturing Engineering Major GPA

Check: Minimum 2.0 Major GPA

Math and Science & Interdisciplinary Studies

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
HST 318 History of Engineering (HUAD)		3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra		3
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4

Technical Electives

Upper Division Technical Electives

EGR 370 Welding Survey EGR 494 Topic: Manufacturing Systems Management MFG 494 Special Topics MFG 472 Additive Manufacturing MFG 485 Engineering Internship EGR 380 Advanced Computer Aided Design and Drafting (CADD) and Solid Modeling MFG 486 CNC Computer Programming	12

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-MSN The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Materials Science and Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESMSEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Materials Science Lower Division		
FSE 100 Introduction to Engineering		2
MSE 211 Introduction to Mechanics of Materials	C	3
MSE 212 Microstructure and Properties Lab	C	1
MSE 215 Materials Synthesis		3
MSE 250 Structure and Properties of Materials	C	3
Materials Science Upper Division		
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)		3
MSE 330 Thermodynamics of Materials		3
MSE 335 Materials Kinetics		3
MSE 355 Structure and Defects	C	3
MSE 356 Thin Film and Microelectronic Devices Lab		1

Requirement	Minimum Grade	Credit Hours
MSE 415 Mathematical and Computer Methods in Materials		3
MSE 420 Advanced Metallurgical Alloys and Processes		3
MSE 440 Mechanical Behavior of Materials		3
MSE 450 Introduction to Materials Characterization		3
MSE 451 Nanomaterials and Electronics Characterization Lab		1
MSE 457 Quantum Mechanics for Understanding Properties of Atoms and Solids		3
MSE 458 Electronic, Magnetic, and Optical Properties		3
MSE 482 Materials Engineering Design		3
MSE 489 Capstone Design Project I		1
MSE 490 Capstone Design Project II		2

Materials Science Major Electives

Math/Science Elective	3
AST 111 Introduction to Solar Systems Astronomy (SCIT)	
AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)	
BIO 130 Introduction to Environmental Science (SCIT)	
BIO 181 General Biology I (SCIT)	

Requirement	Minimum Grade	Credit Hours
BIO 182 General Biology II (SCIT)		
BIO 201 Human Anatomy and Physiology I (SCIT)		
CHM 113 General Chemistry I (SCIT)		
Can only be used if using CHM 113/CHM 116 sequence to complete CHM requirement. Cannot use if taking CHM 114.		
CHM 231 Elementary Organic Chemistry (SCIT)		
CHM 233 General Organic Chemistry I		
GLG 101 Introduction to Geology I (Physical) (SCIT)		
MAT 211 Mathematics for Business Analysis		
MAT 243 Discrete Mathematical Structures		
PHY 201 Mathematical Methods in Physics I (MATH)		
Advanced Science Elective		3
ABS 225 Soils		
ABS 270 Sustainable Biological Systems (SUST)		
ABS 350 Applied Statistics (QTRS)		
AST 321 Stellar and Planetary Astrophysics		
AST 322 Introduction to Galactic and Extragalactic Astrophysics		
AST 421 Astrophysics I		
BCH 341 Physical Chemistry with a Biological Focus		

Requirement	Minimum Grade	Credit Hours
BCH 361 Advanced Principles of Biochemistry		
BIO 201 Human Anatomy and Physiology I (SCIT)		
BIO 320 Fundamentals of Ecology		
CHM 231 Elementary Organic Chemistry (SCIT)		
CHM 233 General Organic Chemistry I		
CHM 234 General Organic Chemistry II		
CHM 302 Environmental Chemistry		
CHM 325 Analytical Chemistry		
CHM 341 Elementary Physical Chemistry		
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		
CHM 481 / GLG 481 Geochemistry		
CHM 433 Bioorganic Chemistry		
ENV 410 Soil Science		
GLG 321 Mineralogy		
GLG 404 Fundamentals of Planetary Geology		
GLG 418 Geophysics		
PHY 201 Mathematical Methods in Physics I (MATH)		
PHY 241 University Physics III		
PHY 334 Advanced Laboratory I		

Requirement	Minimum Grade	Credit Hours
PHY 361 Introductory Modern Physics		
PHY 494 Topic: Adv. Scanning Electron Microscopy/Microanalysis		
Upper Division Technical Elective		3
ABS 350 Applied Statistics (QTRS)		
ART 494 Topic: Foundry Research Methods for Non-Majors		
AST 321 Stellar and Planetary Astrophysics		
AST 322 Introduction to Galactic and Extragalactic Astrophysics		
AST 421 Astrophysics I		
BCH 341 Physical Chemistry with a Biological Focus		
BCH 361 Advanced Principles of Biochemistry		
CEE 353 Civil Engineering Materials		
CHE 494 Topic: Fundamentals of Scaleup		
CHE 494 Topic: Innovation in Engineering		
CHE 494 / CHE 598 Topic: Quantum Mechanical Simulations of Chemical Process		
CHM 302 Environmental Chemistry		
CHM 325 Analytical Chemistry		
CHM 341 Elementary Physical Chemistry		

Requirement	Minimum Grade	Credit Hours
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		
CHM 433 Advanced Organic Chemistry I		
CIS 310 Business Data Visualization		
EEE 352 Properties of Electronic Materials		
EEE 435 Fundamentals of CMOS and MEMS		
EEE 436 Fundamentals of Solid-State Devices		
EEE 460 Nuclear Power Engineering		
EEE 465 Photovoltaic Energy Conversion		
EGR 494 Topic: Engineering in Semiconductors and Microelectronics		
ENV 410 Soil Science		
FSE 301 Entrepreneurship and Value Creation		
FSE 494 Topic: History and Technology of Microelectronics		
GLG 321 Mineralogy		
GLG 404 Fundamentals of Planetary Geology		
GLG 418 Geophysics		
IEE 300 Economic Analysis for Engineers		
IEE 369 Work Analysis and Design		
IEE 385 Engineering Statistics: Probability		

Requirement	Minimum Grade	Credit Hours
IEE 437 Human Factors Engineering		
IEE 474 Quality Control		
MAT 300 Mathematical Structures		
MEE 322 Structural Mechanics		
MEE 342 Principles of Mechanical Design		
MFG 472 Additive Manufacturing		
MSE 460 Nanomaterials in Energy Production and Storage		
MSE 494 Special Topics		
PHY 334 Advanced Laboratory I		
PHY 361 Introductory Modern Physics		
PHY 494 Topic: Adv. Scanning Electron Microscopy/Microanalysis		
PUP 442 Environmental Planning		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe		
By Approval Only. Please contact your advisor for information on enrolling in the courses below.		
MSE 484 Internship		
MSE 492 Honors Directed Study		
MSE 493 Honors Thesis		
MSE 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
Upper Division Materials Electives IEE 474 Quality Control MSE 470 Polymers and Composites MSE 471 Introduction to Ceramics MSE 494 Special Topics		6

Materials Science and Engineering Major GPA

Check: Minimum 2.0 Major GPA

Math and Science Requirements

MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 343 Applied Linear Algebra OR MAT 242 Elementary Linear Algebra OR MAT 342 Linear Algebra	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
CHM 114 General Chemistry for Engineers (SCIT) OR CHM 116 General Chemistry II (SCIT)	C	4
PHY 121 University Physics I: Mechanics (SCIT)	C	3

PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-MSE The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Mechanical Engineering, BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESMAEMBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Mechanical Engineering Lower Division		
EEE 202 Circuits I	C	4
FSE 100 Introduction to Engineering	C	2
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics	C	3
MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics	C	3
MAE 213 Mechanics of Materials	C	3
MAE 214 Computer-Aided Engineering I	C	1
MAE 215 Introduction to Programming in MATLAB	C	1
MAE 241 Introduction to Thermodynamics	C	3
MAE 242 Introduction to Fluid Mechanics	C	3
MSE 250 Structure and Properties of Materials	C	3
Mechanical Engineering Upper Division		

Requirement	Minimum Grade	Credit Hours
MAE 301 Applied Experimental Statistics	C	3
MAE 318 System Dynamics and Control I	C	3
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)	C	3
MAE 417 System Dynamics and Control II	C	3
MEE 322 Structural Mechanics	C	3
MEE 323 Computer-Aided Engineering II	C	2
MEE 340 Heat Transfer	C	3
MEE 342 Principles of Mechanical Design	C	3
MEE 488 Mechanical Engineering Design I	C	3
MEE 489 Mechanical Engineering Design II	C	3
MEE 491 Experimental Mechanical Engineering	C	2
Upper Division Mechanical Engineering Technical Electives *Students who do not meet the enrollment requirements for these courses (excluding MAE and MEE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements. Upper Division AEE Elective **AST 321 Stellar and Planetary Astrophysics**	C	9

Requirement	Minimum Grade	Credit Hours
AST 322 Introduction to Galactic and Extragalactic Astrophysics		
BME 300 Bioengineering Product Design		
BME 316 Biomechanics for Biomedical Engineers		
BME 318 Biomaterials		
BME 350 Signals and Systems for Bioengineers		
BME 467 Tissue Engineering and Regenerative Medicine		
BME 494 Topic: Bioenergy and Microbial Biotechnology		
BME 494 Topic: Neural Bases of Motor Control		
BME 494 Topic: Polymeric Drug Delivery		
BME 494 Topic: Wearable Devices for Sport, Health, and Wellness		
CEE 361 Introduction to Environmental Engineering		
CEE 372 Transportation Engineering		
CEE 440 / GLG 471 Hydrology		
CEE 441 Water Resources Engineering		
CEE 494 Topic: Airport Design		
CEE 494 Topic: Energy Efficient Buildings and Systems		
CEE 494 Topic: Sustainable Energy Technologies		
CEE 494 / EVE 494 Topic: Sustainable Energy and Material Use		

Requirement	Minimum Grade	Credit Hours
CHE 468 Polymer Principles and Processing		
CHE 473 Fuel Cells and Biofuel Cells		
CHE 478 Biomass Energy Conversion Technology		
CHE 494 Topic: Nanobiotechnology		
CHE 494 Topic: Six Sigma Methodology/Engineering Experimentation		
CHE 494 / MSE 494 Topic: Quantum Mechanical Simulations of Chemical Process		
CHM 302 Environmental Chemistry		
CHM 325 Analytical Chemistry		
CSE 475 Foundations of Machine Learning		
EEE 304 Signals and Systems II		
EEE 333 Hardware Design Languages and Programmable Logic		
EEE 334 Circuits II		
EEE 350 Random Signal Analysis		
EEE 360 Energy Systems and Power Electronics		
EEE 407 Digital Signal Processing		
EEE 434 Quantum Mechanics for Engineers		
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		

Requirement	Minimum Grade	Credit Hours
EEE 473 Electrical Machinery		
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
EEE 498 Topic: Foundations Machine Learning: From Theory to Pract		
EEE 498 Topic: Renewable Energy Technology and Systems		
EEE 498 Topic: Science and Technology of Solar Cell Fabrication		
EGR 433 Transforms and Systems Modeling		
EGR 455 Robotic Systems I		
EGR 456 Robotic Systems II		
EGR 494 Special Topics		
EVE 302 Environmental Engineering Fundamentals: Physical and Chemical Processes		
EVE 303 Environmental Engineering Fundamentals: Microbiological Processes		
GLG 418 Geophysics		
IEE 305 Information Systems Engineering		
IEE 376 Operations Research Deterministic Techniques/Applications		
Upper Division MAE Elective		

Requirement	Minimum Grade	Credit Hours
MAT 300 Mathematical Structures		
MAT 310 Introduction to Geometry		
MAT 371 Advanced Calculus I		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 451 Mathematical Modeling		
MAT 461 Applied Complex Analysis		
MAT 462 Applied Partial Differential Equations		
Upper Division MEE Elective		
MSE 330 Thermodynamics of Materials		
MSE 355 Structure and Defects		
MSE 440 Mechanical Behavior of Materials		
MSE 450 Introduction to Materials Characterization		
MSE 457 Quantum Mechanics for Understanding Properties of Atoms and Solids		
MSE 460 Nanomaterials in Energy Production and Storage		
MSE 466 Electrochemical Energy Storage and Conversion		

Requirement	Minimum Grade	Credit Hours
MSE 476 Growth and Processing of Semiconductors		
MSE 494 Topic: Adv. Materials Synth, Manufacturing, & Processing		
MSE 494 Topic: Advanced Polymer Science and Engineering		
MSE 494 Topic: Battery Materials Science and Engineering		
MSE 494 Topic: Bioinspired Materials and Biomaterials		
MSE 494 Topic: Electrochemical Materials Science		
MSE 494 Topic: Failure Analysis of Metallic Materials		
MSE 494 Topic: Intro to FEA for Matl Design and Characterization		
MSE 494 Topic: Manufacturing Processes for Structural Materials		
MSE 494 Topic: Semiconductor materials, devices, and fabrication		
PHY 310 Classical Particles, Fields, and Matter I		
PHY 361 Introductory Modern Physics		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe		
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)		
SES 494 Topic: Modeling and Analysis of Space Thermal Systems		

Requirement	Minimum Grade	Credit Hours
TMC 498 Pro-Seminar		
By approval only:		
MAE 484 Internship		
MAE 492 Honors Directed Study		
MAE 493 Honors Thesis		
MAE 499 Individualized Instruction		
Students may only apply ONE (1) course from the list below:		
CEE 400 Earth Systems Engineering and Management (SUST)		
EGR 317 Humanitarian Engineering Project II		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Interdisciplinary Mobile Application Development		
FSE 394 Topic: Engineering in Global Context		
IEE 300 Economic Analysis for Engineers		
IEE 431 Engineering Administration		
IEE 437 Human Factors Engineering		
SES 407 Space Works II: Model, Fabricate, Test		
SES 494 Topic: Space Works 4:Sim and Analysis		

Requirement	Minimum Grade	Credit Hours
Upper Division Interdisciplinary Requirements		
ARC 434 Great Cities (HUAD) OR OGL 345 Organizational Ethics (HUAD) OR HPS 314 Philosophy of Science (HUAD) **or** PHI 314 Philosophy of Science (HUAD) OR PHI 330 Theory of Knowledge (HUAD) OR REL 330 Native American Worldviews (HUAD)	C	3
PAF 311 Leadership and Change (SOBE) OR PAF 410 Building Leadership Skills (SOBE) OR POS 301 Empirical Political Inquiry (SOBE) OR STS 304 Science, Technology and Society (SOBE) OR SWU 349 Stress Management Tools II (SOBE) OR SWU 350 Whole Person Health Across the Lifespan (SOBE)	C	3
Mechanical Engineering Major GPA		
Check: Minimum 2.0 Major GPA		
Math and Science Requirements		
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3

MAT 242 Elementary Linear Algebra	C	2
CHM 114 General Chemistry for Engineers (SCIT) OR **CHM 116 General Chemistry II (SCIT)**	C	4
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-MEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Mechanical Engineering (Computational Mechanics), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESMAECBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Mechanical (Computational) Lower Division		
FSE 100 Introduction to Engineering	C	2
CSE 100 Principles of Programming with C++ (QTRS) OR **CSE 110 Principles of Programming (QTRS)**	C	3
EEE 202 Circuits I	C	4
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics	C	3
MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics	C	3
MAE 213 Mechanics of Materials	C	3
MAE 214 Computer-Aided Engineering I	C	1
MAE 215 Introduction to Programming in MATLAB	C	1
MAE 241 Introduction to Thermodynamics	C	3
MAE 242 Introduction to Fluid Mechanics	C	3

Requirement	Minimum Grade	Credit Hours
MSE 250 Structure and Properties of Materials	C	3

Mechanical (Computational) Upper Division

AEE 471 Computational Fluid Dynamics OR MAE 404 Finite Elements in Engineering OR MAE 460 Applied Computational Fluid Dynamics	C	3
MAE 301 Applied Experimental Statistics	C	3
MAE 318 System Dynamics and Control I	C	3
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)	C	3
MEE 322 Structural Mechanics	C	3
MEE 323 Computer-Aided Engineering II	C	2
MEE 340 Heat Transfer	C	3
MEE 342 Principles of Mechanical Design	C	3
MEE 488 Mechanical Engineering Design I	C	3
MEE 489 Mechanical Engineering Design II	C	3
MEE 491 Experimental Mechanical Engineering	C	2
Upper Division Computational Technical Electives	C	6

> *Students who do not meet the enrollment requirements for these courses (excluding MAE or MEE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take

Requirement	Minimum Grade	Credit Hours
any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.		
AEE 360 Aerodynamics		
AEE 471 Computational Fluid Dynamics		
BME 494 Topic: Polymeric Drug Delivery		
IEE 305 Information Systems Engineering		
IEE 376 Operations Research Deterministic Techniques/Applications		
MAE 404 Finite Elements in Engineering		
MAE 460 Applied Computational Fluid Dynamics		
MAE 501 Linear Algebra in Engineering		
MAE 502 Partial Differential Equations in Engineering		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 451 Mathematical Modeling		
MAT 461 Applied Complex Analysis		
MSE 494 Topic: Intro to FEA for Matl Design and Characterization		

Requirement	Minimum Grade	Credit Hours
MSE 494 Topic: Semiconductor materials, devices, and fabrication		
By approval only:		
MAE 484 Internship		
MAE 492 Honors Directed Study		
MAE 493 Honors Thesis		
MAE 499 Individualized Instruction		

Upper Division Interdisciplinary Requirements

PHI 306 Applied Ethics (CIVI)	C	3
JUS 334 Science, Technology and Inequality (GCSI)	C	3
PAF 311 Leadership and Change (SOBE) OR **PAF 410 Building Leadership Skills (SOBE)** OR **POS 301 Empirical Political Inquiry (SOBE)** OR **STS 304 Science, Technology and Society (SOBE)** OR **SWU 349 Stress Management Tools II (SOBE)** OR **SWU 350 Whole Person Health Across the Lifespan (SOBE)**	C	3

Mechanical Engineering (Computational Mechanics) Major GPA

Check: Minimum 2.0 Major GPA

Math and Science Requirements

MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 242 Elementary Linear Algebra	C	2
CHM 114 General Chemistry for Engineers (SCIT) OR CHM 116 General Chemistry II (SCIT)	C	4
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-MEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Mechanical Engineering (Energy and Environment), BSE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Engineering, BSE
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESMAEEBSE
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Mechanical (Energy & Environment) Lower Division		
FSE 100 Introduction to Engineering	C	2
EEE 202 Circuits I	C	4
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics	C	3
MAE 202 Mechanics of Particles and Rigid Bodies II: Dynamics	C	3
MAE 213 Mechanics of Materials	C	3
MAE 214 Computer-Aided Engineering I	C	1
MAE 215 Introduction to Programming in MATLAB	C	1
MAE 241 Introduction to Thermodynamics	C	3
MAE 242 Introduction to Fluid Mechanics	C	3
MSE 250 Structure and Properties of Materials	C	3

Requirement	Minimum Grade	Credit Hours
Mechanical (Energy & Environment) Upper Division		
MAE 301 Applied Experimental Statistics	C	3
MAE 318 System Dynamics and Control I	C	3
MAE 384 Advanced Mathematical Methods for Engineers (QTRS)	C	3
MAE 417 System Dynamics and Control II	C	3
MEE 322 Structural Mechanics	C	3
MEE 323 Computer-Aided Engineering II	C	2
MEE 340 Heat Transfer	C	3
MEE 342 Principles of Mechanical Design	C	3
MEE 445 Energy Systems Design I	C	1
MEE 446 Energy Systems Design II	C	2
MEE 482 Intermediate Thermodynamics	C	3
MEE 491 Experimental Mechanical Engineering	C	2
Upper Division Energy and Environment Technical Elective	C	3

> *Students who do not meet the enrollment requirements for these courses (excluding MEE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits

Requirement	Minimum Grade	Credit Hours
from MAE 484/499 can be applied toward the TE requirements.		
ATE 521 Building Environmental Science		
ATE 556 Architectural Technology V		
ATE 560 Building Energy Analysis		
ATE 582 Environmental Control Systems		
BIO 320 Fundamentals of Ecology		
BME 494 Topic: Polymeric Drug Delivery		
CEE 361 Introduction to Environmental Engineering		
CEE 440 / **GLG 471 Hydrology**		
CEE 494 Topic: Energy Efficient Buildings and Systems		
CEE 494 Topic: Sustainable Energy and Material Use		
CEE 494 Topic: Sustainable Energy Technologies		
CHE 473 Fuel Cells and Biofuel Cells		
CHE 478 Biomass Energy Conversion Technology		
CHM 302 Environmental Chemistry		
EEE 360 Energy Systems and Power Electronics		
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		
EEE 498 Topic: Renewable Energy Technology and Systems		

Requirement	Minimum Grade	Credit Hours
EVE 302 Environmental Engineering Fundamentals: Physical and Chemical Processes		
MAE 494 Topic: Energy Efficiency		
MAE 494 Topic: Air Conditioning & Refrigeration		
MAE 494 Topic: Solar Thermal Engineering		
MEE 434 Internal Combustion Engines		
MEE 440 Renewable Energy: Mechanical Systems		
MEE 441 Wind Energy		
MSE 460 Nanomaterials in Energy Production and Storage		
MSE 466 Electrochemical Energy Storage and Conversion		
MSE 494 Topic: Battery Materials Science and Engineering		
MSE 494 Topic: Semiconductor materials, devices, and fabrication		
By approval only:		
MAE 484 Internship		
MAE 492 Honors Directed Study		
MAE 493 Honors Thesis		
MAE 499 Individualized Instruction		

Requirement	Minimum Grade	Credit Hours
Upper Division Mechanical Engineering Technical Electives	C	3

*Students who do not meet the enrollment requirements for these courses (excluding MAE and MEE prefixes) may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.

Upper Division AEE Elective

AST 321 Stellar and Planetary Astrophysics

AST 322 Introduction to Galactic and Extragalactic Astrophysics

BME 300 Bioengineering Product Design

BME 316 Biomechanics for Biomedical Engineers

BME 318 Biomaterials

BME 350 Signals and Systems for Bioengineers

BME 467 Tissue Engineering and Regenerative Medicine

BME 494 Topic: Bioenergy and Microbial Biotechnology

BME 494 Topic: Polymeric Drug Delivery

BME 494 Topic: Neural Bases of Motor Control

BME 494 Topic: Wearable Devices for Sport, Health, and Wellness

CEE 361 Introduction to Environmental Engineering

Requirement	Minimum Grade	Credit Hours
CEE 372 Transportation Engineering		
CEE 440 / GLG 471 Hydrology		
CEE 441 Water Resources Engineering		
CEE 494 Topic: Airport Design		
CEE 494 Topic: Energy Efficient Buildings and Systems		
CEE 494 Topic: Sustainable Energy Technologies		
CEE 494 / EVE 494 Topic: Sustainable Energy and Material Use		
CHE 468 Polymer Principles and Processing		
CHE 473 Fuel Cells and Biofuel Cells		
CHE 478 Biomass Energy Conversion Technology		
CHE 494 Topic: Nanobiotechnology		
CHE 494 Topic: Six Sigma Methodology/Engineering Experimentation		
CHE 494 / MSE 494 Topic: Quantum Mechanical Simulations of Chemical Process		
CHM 302 Environmental Chemistry		
CHM 325 Analytical Chemistry		
CSE 475 Foundations of Machine Learning		
EEE 304 Signals and Systems II		
EEE 333 Hardware Design Languages and Programmable Logic		

Requirement	Minimum Grade	Credit Hours
EEE 334 Circuits II		
EEE 350 Random Signal Analysis		
EEE 360 Energy Systems and Power Electronics		
EEE 407 Digital Signal Processing		
EEE 434 Quantum Mechanics for Engineers		
EEE 460 Nuclear Power Engineering		
EEE 463 Electrical Power Plants		
EEE 473 Electrical Machinery		
EEE 480 Feedback Systems		
EEE 481 Computer-Controlled Systems		
EEE 498 Topic: Foundations Machine Learning: From Theory to Pract		
EEE 498 Topic: Renewable Energy Technology and Systems		
EEE 498 Topic: Science and Technology of Solar Cell Fabrication		
EGR 433 Transforms and Systems Modeling		
EGR 455 Robotic Systems I		
EGR 456 Robotic Systems II		
EGR 494 Topic: Engineering in Semiconductors and Microelectronics		

Requirement	Minimum Grade	Credit Hours
EVE 302 Environmental Engineering Fundamentals: Physical and Chemical Processes		
EVE 303 Environmental Engineering Fundamentals: Microbiological Processes		
GLG 418 Geophysics		
IEE 305 Information Systems Engineering		
IEE 376 Operations Research Deterministic Techniques/Applications		
Upper Division MAE Elective		
MAT 300 Mathematical Structures		
MAT 310 Introduction to Geometry		
MAT 371 Advanced Calculus I		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 451 Mathematical Modeling		
MAT 461 Applied Complex Analysis		
MAT 462 Applied Partial Differential Equations		
Upper Division MEE Elective		
MSE 330 Thermodynamics of Materials		

Requirement	Minimum Grade	Credit Hours
MSE 355 Structure and Defects		
MSE 440 Mechanical Behavior of Materials		
MSE 450 Introduction to Materials Characterization		
MSE 457 Quantum Mechanics for Understanding Properties of Atoms and Solids		
MSE 460 Nanomaterials in Energy Production and Storage		
MSE 466 Electrochemical Energy Storage and Conversion		
MSE 476 Growth and Processing of Semiconductors		
MSE 494 Topic: Advanced Polymer Science and Engineering		
MSE 494 Topic: Adv. Materials Synth, Manufacturing, & Processing		
MSE 494 Topic: Battery Materials Science and Engineering		
MSE 494 Topic: Bioinspired Materials and Biomaterials		
MSE 494 Topic: Electrochemical Materials Science		
MSE 494 Topic: Intro to FEA for Matl Design and Characterization		
MSE 494 Topic: Manufacturing Processes for Structural Materials		
MSE 494 Topic: Semiconductor materials, devices, and fabrication		

Requirement	Minimum Grade	Credit Hours
PHY 310 Classical Particles, Fields, and Matter I		
PHY 361 Introductory Modern Physics		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe		
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)		
SES 494 Topic: Modeling and Analysis of Space Thermal Systems		
TMC 498 Pro-Seminar		
**Students cannot select from more than 1 class from the list below: **		
CEE 400 Earth Systems Engineering and Management (SUST)		
EGR 317 Humanitarian Engineering Project II		
FSE 301 Entrepreneurship and Value Creation		
FSE 394 Topic: Engineering in Global Context		
FSE 394 Topic: Interdisciplinary Mobile Application Development		
IEE 300 Economic Analysis for Engineers		
IEE 431 Engineering Administration		
IEE 437 Human Factors Engineering		
SES 407 Space Works II: Model, Fabricate, Test		

Requirement	Minimum Grade	Credit Hours
SES 494 Topic: Space Works 4:Sim and Analysis By approval only: **MAE 484 Internship** **MAE 492 Honors Directed Study** **MAE 493 Honors Thesis** **MAE 499 Individualized Instruction**		

Upper Division Interdisciplinary Courses

PUP 411 Environment, Justice and Cities (CIVI)	C	3
SOC 334 Technology and Society (SOBE)	C	3
BIO 324 Environmental Ethics (SUST) OR **CEE 400 Earth Systems Engineering and Management (SUST)** **or** **CNE 400 Earth Systems Engineering and Management (SUST)** OR **CTE 310 Elements of Culture, Technology and Environment (SUST)** OR **GPH 314 Global Change (SUST)** **SCN 307 Biomimicry: Nature's Sustainable Solutions (SUST)**	C	3

Mechanical Engineering (Energy and Environment) Major GPA

Check: Minimum 2.0 Major GPA

Math and Science Requirements

MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 242 Elementary Linear Algebra	C	2
MAT 275 Modern Differential Equations (MATH)	C	3
CHM 114 General Chemistry for Engineers (SCIT) OR **CHM 116 General Chemistry II (SCIT)**	C	4
CHM 231 Elementary Organic Chemistry (SCIT) OR **CHM 233 General Organic Chemistry I**	C	3
PHY 121 University Physics I: Mechanics (SCIT)	C	3
PHY 122 University Physics Laboratory I (SCIT)	C	1
PHY 131 University Physics II: Electricity and Magnetism (SCIT)	C	3
PHY 132 University Physics Laboratory II (SCIT)	C	1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-MEE The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Robotics and Autonomous Systems, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: ESRASBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Robotics and Autonomous Sys - Engineering Fundamentals		
CSE 101 Introduction to Computer Science and Programming for Non-Computer Science Majors (QTRS) **or** **RAS 110 Principles of Programming for Engineers**	C	3
RAS 101 Foundations of Robotic Engineering I	C	3
RAS 102 Foundations of Robotic Engineering II	C	3
RAS 205 Design and Analysis of Data Structures and Algorithms	C	3
RAS 215 Statics and Mechanics of Materials	C	3
EGR 216 Engineering Electrical Fundamentals	C	3
Robotics and Autonomous Sys - Core		
RAS 210 Computer-Aided Design and Manufacturing (CAD/CAM)	C	3
RAS 220 Dynamics	C	3

Requirement	Minimum Grade	Credit Hours
RAS 230 Introduction to Robotic Mechanism Design and Deployment	C	3
RAS 433 Transforms and Systems Modeling	C	3
RAS 455 Robotic Systems I	C	3
RAS 456 Robotic Systems II	C	3

Robotics and Autonomous Sys - Project Courses

RAS 304 Embedded Systems Design Project I	C	3
RAS 314 Embedded Systems Design Project II	C	3
RAS 401 Professional Design Project I or EGR 401 Professional Design Project I	C	3
RAS 402 Professional Design Project II or EGR 402 Professional Design Project II	C	3
RAS 446 Robotic and Manufacturing System Control and Optimization	C	3
RAS 475 Applied Machine Learning and AI for Robotics and Manufacturing	C	3

Robotics and Autonomous Systems Major GPA

Check: Minimum 2.0 Major GPA

Math, Science & Interdisciplinary Requirements

HST 318 History of Engineering (HUAD)	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra		3
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4
PHY 321 Vector Mechanics and Vibration		3
EGR 280 Engineering Statistics (QTRS)		3

Technical Electives

Upper Division Technical Electives - RAS

MFG 387 Industrial Automation MFG 494 Special Topics RAS 484 Internship EGR 463 Vehicle Electrical Systems and Hybrid Systems EGR 465 Ground Vehicle Dynamics EGR 494 Topic: Power Electronic Converters and Systems RAS 494 Special Topics	9

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-MSN The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Software Engineering, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSSERBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Not all courses are available through ASU Online campus.		
Some ASU Online courses are only offered in specific sessions. Please see advising for course planning. Please see our degree requirements website for links to our flowcharts and our most up to date course lists. Polytechnic Campus: https://scai.engineering.asu.edu/software-engineering-degree-requirements-ground-campus/ ASU Online campus: https://scai.engineering.asu.edu/software-engineering-degree-requirements-online/		

Software Engineering Enterprise Requirements

SER 216 Software Enterprise: Personal Process and Quality	C	3
SER 315 Software Enterprise: Design and Process	C	3
SER 316 Software Enterprise: Construction and Transition	C	3
SER 415 Software Enterprise: Inception and Elaboration	C	3
SER 416 Software Enterprise: Project and Process	C	3

Requirement	Minimum Grade	Credit Hours
Management		
Software Engineering Upper Division Core		
SER 321 Principles of Distributed Software Systems	C	3
SER 322 Principles of Database Management	C	3
SER 334 Operating Systems and System Programming	C	3
SER 335 Engineering Secure Software Systems	C	3
Software Engineering Enterprise and Focus Project Requirements		
SER 401 Computing Capstone Project I	C	3
SER 402 Computing Capstone Project II	C	3
Software Engineering Electives		
400-Level **SER Elective**	C	9
Software Engineering Major GPA		
Check: Minimum 2.0 Major GPA		

Not all courses are available through ASU Online campus

Interdisciplinary Requirements

Lab Science Sequence

BIO 181 General Biology I (SCIT)	
BIO 182 General Biology II (SCIT)	
BIO 201 Human Anatomy and Physiology I (SCIT) **AND** **BIO 202 Human Anatomy and Physiology II (SCIT)**	
CHM 113 General Chemistry I (SCIT) **AND** **CHM 116 General Chemistry II (SCIT)**	
GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **GLG 103 Introduction to Geology I: Laboratory (SCIT)**	8
GLG 102 Introduction to Geology II (Historical) (SCIT) **AND** **GLG 104 Introduction to Geology II: Laboratory (SCIT)**	
GLG 110 Dangerous World (SCIT) **AND** **GLG 111 Dangerous World Laboratory (SCIT)**	
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**	

AND Scientific Thinking in Natural Sciences (SCIT)

FSE 100 Introduction to Engineering	C	2

MAT 243 Discrete Mathematical Structures	C	3
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH) OR MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra	C	3
PHY 121 University Physics I: Mechanics (SCIT) AND PHY 122 University Physics Laboratory I (SCIT)	C	4
IEE 380 Probability and Statistics for Engineering Problem Solving (QTRS)	C	3

Software Engineering Lower Division Core Requirements

CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 230 Computer Organization and Assembly Language Programming	C	3
CSE 240 Introduction to Programming Languages	C	3
SER 222 Design and Analysis of Data Structures and Algorithms	C	3
SER 232 Computer Systems Fundamentals (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CAI The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Technological Entrepreneurship and Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Ira A. Fulton Schools of Engineering
Plan Code: TSTEMBS
Minimum credit hours: 120
Upper division minimum credit hours: 47

Requirement	Minimum Grade	Credit Hours
Technological Entrepreneurship and Management		
FSE 181 Technological, Social, and Sustainable Systems (SUST)	C	3
TEM 102 Persuasion for Engineers, Technologists and Innovators	C	2
TEM 200 Entrepreneurial Mindset for Technologists **OR** **TEM 201 Applied Social Entrepreneurship I**	C	3
TEM 230 Creativity and Business Innovation **OR** **RAS 101 Foundations of Robotic Engineering I**	C	3
TEM 250 Design Methodology **OR** **RAS 102 Foundations of Robotic Engineering II**	C	3
TEM 300 Career Management for Entrepreneurs and Innovators I	C	1
TEM 301 Applied Social Entrepreneurship II **OR** **FSE 301 Entrepreneurship and Value Creation**	C	3

Requirement	Minimum Grade	Credit Hours
TEM 400 Technology Entrepreneurship OR OMT 452 Intrapreneurship in Industrial Human Resource Management	C	3
TEM 401 Career Management for Entrepreneurs and Innovators II		1
TEM 431 Innovation Management	C	3
TEM 455 Global Impact Entrepreneurship OR OMT 440 International Business	C	3
TMC 110 Understanding the Enterprise	C	3
TMC 310 Promotion of the Enterprise	C	3
TMC 320 Funding the Enterprise	C	3
TMC 330 Leading the Enterprise OR OMT 480 Organizational Effectiveness	C	3
TMC 430 Enterprise Strategy and Innovation		3
TMC 470 Enterprise Planning and Implementation OR TMC 410 Enterprise Operations	C	3
TMC 498 Pro-Seminar OR TEM 481 Consulting Project OR TEM 482 Startup Workshop	C	3

Technological Entrepreneurship and Management Major GPA

Check: Minimum 2.0 Major GPA

Requirement	Minimum Grade	Credit Hours
Technical Electives		
Technical Electives		
ACO Elective AME Elective AMT Elective AST Elective BIO Elective BMI Elective CAP Elective CDH Elective CEE Elective CHM Elective CIS Elective CSE Elective EEE Elective EGR Elective ENT Elective ESC Elective FIS Elective GIT Elective GLG Elective HSE Elective HUL Elective IEE Elective IFT Elective IGD Elective IVD Elective MAE Elective MAT Elective MFG Elective MGT Elective OGL Elective OMT Elective PHY Elective PMG Elective PSY Elective PUP Elective RAS Elective SER Elective SES Elective SOS Elective STP Elective TEM Elective TGM Elective TMC Elective TWC Elective UXP Elective		6
Upper Division Technical Electives		
ACO Elective AME Elective AMT Elective AST Elective BIO Elective BMI Elective CAP Elective CDH Elective CEE Elective CHM Elective CIS Elective CSE Elective EEE Elective EGR Elective ENT Elective ESC Elective FIS Elective GIT Elective GLG Elective HSE Elective HUL Elective IEE Elective IFT Elective IGD Elective IVD Elective MAE Elective MAT Elective MFG Elective MGT Elective OGL Elective OMT Elective PHY Elective PMG Elective PSY Elective PUP Elective RAS Elective SER Elective SES Elective SOS Elective STP Elective TEM Elective TGM Elective TMC Elective TWC Elective UXP Elective		6
Math, Science, and Interdisciplinary Studies Requirements		
CIS 105 Computer Applications and Information Technology (QTRS)		3

OR **CSE 110 Principles of Programming (QTRS)** OR **CSE 180 Computer Literacy (QTRS)** OR **GIT 215 Introduction to Web Authoring** OR **RAS 110 Principles of Programming for Engineers**		
HSE 101 Introduction to Human Systems Engineering (SOBE) OR **PSY 101 Introduction to Psychology (SOBE)**	C	3
HSE 230 Statistics for Human Systems Research I (QTRS) OR **STP 226 Elements of Statistics (QTRS)**	C	3
MAT 210 Brief Calculus (MATH)	C	3

Innovation Electives

Innovation Electives

CEE Elective FSE Elective IVD Elective OMT Elective RAS Elective TEM Elective TMC Elective	8

Upper Division Innovation Electives

CEE Elective FSE Elective IVD Elective OMT Elective RAS Elective TEM Elective TMC Elective	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-TPS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Complexity Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Global Futures
Plan Code: LAAMLBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Methods for Complexity Science		
CAS 201 Scientific Programming with Python	C	3
CAS 301 Data Analytics for Complexity Science	C	3
CAS 304 Dynamical Systems Theory OR CAS 305 Making Sense of Complex Data OR CAS 303 Agent-Based Modeling for Complexity Science OR MAT 394 Topic: Mathematical Methods and Data OR MAT 494 Topic: An introduction to Complex Adaptive Systems OR MAT 494 Topic: Ecological Modeling	C	6
Complexity Science Thinking		
CAS 200 The Evolution of Complexity (SCIT)	C	4
CAS 363 From Cells to Society: Understanding Complexity	C	3
CAS 302 History and Philosophy of Complex Systems Science	C	3

Requirement	Minimum Grade	Credit Hours
CAS 406 Directed Reading and Research in Applied Mathematics for the Life and Social Sciences	C	3

Complexity Science Application Domains

Upper Division

Related Area

Choose courses in one or two disciplines related to complexity that are outside the School of Complex Adaptive Systems. Students must consult with an academic advisor in the College of Global Futures to obtain course approval.	C	12

Math for Complexity Applications

SOS 102 Quantitative Reasoning for Sustainability	C	3
MAT 270 Calculus with Analytic Geometry I (MATH) OR MAT 265 Calculus for Engineers I (MATH)	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR MAT 266 Calculus for Engineers II (MATH)	C	3 - 4
CAS 253 Introduction to Mathematical Tools and Modeling for the Life and Social Sciences (MATH) AND CAS 254 Introduction to Dynamics and Control in the Biological and Social Sciences (MATH) OR MAT 274 Elementary Differential Equations (MATH) AND MAT 275 Modern Differential Equations (MATH)	C	6
MAT 343 Applied Linear Algebra	C	3

STP 280 Probability and Statistics for Researchers (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Innovation in Society, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Global Futures
Plan Code: FIFISBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Requirements		
FIS 111 Welcome to the Future (CIVI)	C	3
FIS 201 Innovation in Society (HUAD)	C	3
FIS 305 Ways of Knowing	C	3
FIS 307 Navigating Futures (SOBE)	C	3
FIS 308 Politics, Markets and Innovation (CIVI)	C	3
FIS 480 Innovation in Society Studio OR **FIS 493 Honors Thesis**	C	3

If unavailable, FIS may be substituted with a capstone-like course or independent study course with a faculty mentor. The substituted course must be at least three credit hours. It must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved in advance. See academic advisor for more information.

Requirement	Minimum Grade	Credit Hours
Upper Division Core Electives		
Upper Division **FIS Elective**	C	6
Second Language Requirement		
Language Requirement satisfied through completion of a language course at the intermediate level (202 or equivalent) or higher; completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country; or completion of secondary education at a school in which the language of instruction is not English.	C	16
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.		
Related Area		
Upper Division Innovation in Society Related Area	C	6
AFR 375 Race, Gender and Sport (SOBE)		
ASB 300 Food and Culture (SOBE)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 443 Cross-Cultural Studies in Global Health (GCSI)		
ASB 452 Community Partnerships for Global Health (GCSI)		
ASM 414 Urban, Environmental and Health Challenges (SUST)		

BIO 311 Biology and Society

BIO 312 Bioethics (HUAD)

BIO 320 Fundamentals of Ecology

BIO 324 Environmental Ethics (SUST)

CDE 350 Inequality and Diversity in Education (CIVI)

COM 312 Communication, Conflict, and Negotiation (CIVI)

COM 314 Inner-City Families: The Cycle of Poverty

COM 421 Rhetoric of Social Issues

COM 426 Political Communication

CPI 350 Evaluation of Informatics Systems

CPI 360 Decision Making and Problem Solving

ECN 312 Intermediate Microeconomic Theory (SOBE)

ECN 355 Economics of Health Care

ECN 445 Environmental Economics

ENT 305 Principles of Entrepreneurship

FAS 332 Human Sexuality (SOBE)

FIS 431 Technology, Security and Insecurity in Global Politics

FSE 301 Entrepreneurship and Value Creation

GCU 421 Geography of Arizona and Southwestern United States (SOBE)

GPH 314 Global Change (SUST)

HCI 311 Health Innovation: Foundational Concepts

HCI 313 Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing

HCI 412 Transforming Health Care: A Systems Perspective for Innovation

HCI 421 Health Care Policy: The Innovator's View (CIVI)

HCI 425 Facilitating Innovation to Achieve Outcomes

HCI 428 Technology: A Tool to Advance Innovation in Health Care

HPS 314 Philosophy of Science (HUAD)

HPS 322 History of Science I

HPS 340 Biology and Society

HST 318 History of Engineering (HUAD)

HST 345 Environmental History (SUST)

IAS 410 Evolution of Ideas

IDS 301 Becoming Interdisciplinary

JMC 313 Introduction to Editing

JMC 351 Photojournalism I

JMC 366 Media Ethics

JUS 303 Justice Theory (CIVI)

JUS 320 Community and Social Justice

JUS 325 Globalization and Socio-Economic Justice

JUS 352 The Global Politics of Human Rights (CIVI)

JUS 445 Surveillance and Society

JUS 456 Human Rights and Sustainability

MGT 300 Principles of Management and Leadership

MCO 425 Digital Media Literacy I

OGL 350 Diversity and Organizations (GCSI)

PAF 300 Public Management and Administration

PAF 311 Leadership and Change (SOBE)

PHI 306 Applied Ethics (CIVI)

PHI 329 History of Modern Philosophy (GCSI)

PHI 330 Theory of Knowledge (HUAD)

POS 443 Topics in Contemporary Political Theory

PSY 306 Environmental Psychology

PSY 350 Social Psychology (SOBE)

PUP 452 Ethics and Theory in Planning

PUP 465 Sustainable Urbanism

REL 374 Witchcraft and Heresy in Europe (HUAD)

SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)

SOC 352 Social Change (CIVI)

SOC 420 Sociology of Religion (SOBE)

SOS 315 Energy Policy

SOS 320 Society and Sustainability (SOBE)

SOS 321 Policy and Governance in Sustainable Systems	
SOS 322 International Development and Sustainability	
SOS 327 Sustainable Food and Farms	
SOS 328 Sustainability and Enterprise	
SWU 349 Stress Management Tools II (SOBE)	
SWU 350 Whole Person Health Across the Lifespan (SOBE)	
TCL 447 Gender, Culture, and Development (GCSI)	
TWC 454 Information Technology and Culture	
WST 440 Politics of Women's Health (CIVI)	

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition **OR** ENG 105 Advanced First-Year Composition **OR** ENG 107 First-Year Composition **AND** ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Related Area options may require prerequisite courses. Students must meet all prerequisite requirements or select a different option.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Innovation in Society, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Global Futures
Plan Code: FIFISBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Requirements		
FIS 111 Welcome to the Future (CIVI)	C	3
FIS 201 Innovation in Society (HUAD)	C	3
FIS 305 Ways of Knowing	C	3
FIS 307 Navigating Futures (SOBE)	C	3
FIS 308 Politics, Markets and Innovation (CIVI)	C	3
FIS 480 Innovation in Society Studio OR **FIS 493 Honors Thesis**	C	3

If unavailable, FIS may be substituted with a capstone-like course or independent study course with a faculty mentor. The substituted course must be at least three credit hours. It must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved in advance. See academic advisor for more information.

Requirement	Minimum Grade	Credit Hours
Core Electives		
Upper Division **FIS Elective**	C	6
Technical Electives		
Technical Electives	C	9
ACO Elective		
AEE Elective		
AET Elective		
ASM Elective		
AST Elective		
BIO Elective		
BCH Elective		
BME Elective		
CEE Elective		
CHE Elective		
CIS Elective		
CNE Elective		
CSE Elective		
EEE Elective		

Requirement	Minimum Grade	Credit Hours
EET Elective		
EDT Elective		
EGR Elective		
FSE Elective		
GLG Elective		
GPH Elective		
IEE Elective		
IFT Elective		
LSE Elective		
MAE Elective		
MAT Elective		
MBB Elective		
MEE Elective		
MET Elective		
MFG Elective		
MIC Elective		
MSE Elective		
PHS Elective		
PHY Elective		
PLB Elective		

Requirement	Minimum Grade	Credit Hours
SER Elective		
STP Elective		
Courses in this requirement cannot also count toward general studies. The following courses do not count toward this requirement: CIS 105, MAT 106, MAT 110, MAT 114, MAT 117, MAT 119, MAT 142, MAT 170, and MAT 171.		

Related Area

MAT 170 Precalculus (MATH)	C	3
STP 226 Elements of Statistics (QTRS) OR **STP 231 Statistics for Life Science (QTRS)** OR **SBS 304 Social Statistics I (QTRS)** OR **PSY 230 Introduction to Statistics (QTRS)** OR **SOC 390 Social Statistics I (QTRS)**	C	3
Upper Division Related Area **AFR 375 Race, Gender and Sport (SOBE)** **ASB 300 Food and Culture (SOBE)** **ASB 346 Marriage and Family Diversity (SOBE)** **ASB 443 Cross-Cultural Studies in Global Health (GCSI)** **ASM 414 Urban, Environmental and Health Challenges (SUST)** **BIO 311 Biology and Society** **BIO 312 Bioethics (HUAD)**	C	6

BIO 320 Fundamentals of Ecology

BIO 324 Environmental Ethics (SUST)

CDE 350 Inequality and Diversity in Education (CIVI)

CEE 300 Engineering Business Practice

COM 312 Communication, Conflict, and Negotiation (CIVI)

COM 314 Inner-City Families: The Cycle of Poverty

COM 421 Rhetoric of Social Issues

COM 426 Political Communication

CPI 350 Evaluation of Informatics Systems

CPI 360 Decision Making and Problem Solving

FAS 332 Human Sexuality (SOBE)

FIS 431 Technology, Security and Insecurity in Global Politics

FSE 301 Entrepreneurship and Value Creation

GCU 421 Geography of Arizona and Southwestern United States (SOBE)

GPH 314 Global Change (SUST)

HCI 311 Health Innovation: Foundational Concepts

HCI 313 Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing

HCI 412 Transforming Health Care: A Systems Perspective for Innovation

HCI 421 Health Care Policy: The Innovator's View (CIVI)

HCI 425 Facilitating Innovation to Achieve Outcomes

HCI 428 Technology: A Tool to Advance Innovation in Health Care

HPS 314 Philosophy of Science (HUAD)

HPS 322 History of Science I

HPS 340 Biology and Society

HST 318 History of Engineering (HUAD)

HST 345 Environmental History (SUST)

IAS 410 Evolution of Ideas

IDS 301 Becoming Interdisciplinary

JMC 313 Introduction to Editing

JMC 351 Photojournalism I

JMC 366 Media Ethics

JUS 303 Justice Theory (CIVI)

JUS 320 Community and Social Justice

JUS 325 Globalization and Socio-Economic Justice

JUS 352 The Global Politics of Human Rights (CIVI)

JUS 445 Surveillance and Society

JUS 456 Human Rights and Sustainability

MCO 425 Digital Media Literacy I

PAF 300 Public Management and Administration

PHI 306 Applied Ethics (CIVI)

PHI 329 History of Modern Philosophy (GCSI)

PHI 330 Theory of Knowledge (HUAD)

POS 443 Topics in Contemporary Political Theory

PSY 306 Environmental Psychology

PSY 350 Social Psychology (SOBE)

PUP 452 Ethics and Theory in Planning

PUP 465 Sustainable Urbanism

REL 374 Witchcraft and Heresy in Europe (HUAD)

SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)

SOC 352 Social Change (CIVI)

SOC 420 Sociology of Religion (SOBE)

SOS 315 Energy Policy

SOS 320 Society and Sustainability (SOBE)

SOS 321 Policy and Governance in Sustainable Systems

SOS 322 International Development and Sustainability

SOS 327 Sustainable Food and Farms

SOS 328 Sustainability and Enterprise

SWU 349 Stress Management Tools II (SOBE)

SWU 350 Whole Person Health Across the Lifespan (SOBE)

TCL 447 Gender, Culture, and Development (GCSI)

TWC 454 Information Technology and Culture

WST 440 Politics of Women's Health (CIVI)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

Related Area and Technical Elective options may require prerequisite courses. Students must meet all prerequisite requirements to enroll or select a different option.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Ocean Futures, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Global Futures
Plan Code: GFSEABS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
SEA 101 Ocean Futures (SUST)	C	3
SEA 201 Ocean Conservation (SUST) OR SEA 202 Ocean Communities: Introduction to Ethnobotany (GCSI)	C	3
SEA 220 Biology of the Marine Environment	C	3
SEA 325 Oceanography	C	3
Ocean Futures Stewardship	C	3
SEA 294 Topic: Ocean Exploration		
SEA 340 Surfing: Economics, Culture and Science		
SEA 410 Arctic Futures		
SEA 494 Topic: Ethnoecology		
SEA 494 Topic: Coastal & Marine Management & Stewardship		

Requirement	Minimum Grade	Credit Hours
SOS 483 Should I Eat Fish? Economics, Ecology and Policy of Sustainable Seafood		
SEA 440 Imagining Ocean Futures (HUAD) OR SOS 375 Humans and the Environment: What's the Connection?	C	3
SEA 485 Ocean Futures Workshop	C	3
SEA 496 Ocean Futures Capstone	C	3
Ocean Futures Upper Division Elective		
Upper Division SEA Elective	C	3
Ocean Futures Quantitative Applications		
STP 231 Statistics for Life Science (QTRS) OR SEA 310 Paleoclimate Perspectives on Contemporary Climate Change OR SEA 330 Digital Blue Planet (QTRS) OR SEA 430 Cloud-Based Remote Sensing	C	3
Related Area Courses		
BIO 181 General Biology I (SCIT)	C	4
CHM 101 Introductory Chemistry (SCIT) OR CHM 107 Chemistry and Society (SCIT) AND CHM 108 Chemistry and Society Laboratory (SCIT)	C	4

MAT 251 Calculus for Life Sciences (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to complete an Experiential Aquatic course to fulfill elective hours. Students should meet with their academic advisor to learn more about these experiences that may be available locally and regionally in Arizona, and globally. In some cases, additional costs may apply.

Ocean Futures Experiential Aquatic Electives

> **FIS 494 Topic: Antarctica: Humans and the Environment**
>
> **FIS 400 / SEA 400 Sea Turtles, Sharks and Fisheries of Baja California**
>
> **SEA 415 Marine Invertebrate Zoology**
>
> **SEA 420 Coral Reef Ecology**
>
> **SEA 425 Research Diving Methods**

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Ocean Futures (Coastal and Marine Science), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Global Futures
Plan Code: GFSEACMSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
SEA 101 Ocean Futures (SUST)	C	3
SEA 201 Ocean Conservation (SUST) OR SEA 202 Ocean Communities: Introduction to Ethnobotany (GCSI)	C	3
SEA 220 Biology of the Marine Environment	C	3
SEA 325 Oceanography	C	3
Ocean Futures Stewardship	C	3
SEA 294 Topic: Ocean Exploration		
SEA 340 Surfing: Economics, Culture and Science		
SEA 410 Arctic Futures		
SEA 494 Topic: Ethnoecology		
SEA 494 Topic: Coastal & Marine Management & Stewardship		

Requirement	Minimum Grade	Credit Hours
SOS 483 Should I Eat Fish? Economics, Ecology and Policy of Sustainable Seafood		
SEA 485 Ocean Futures Workshop	C	3
SEA 496 Ocean Futures Capstone	C	3
Ocean Futures Upper Division Electives		
Upper Division SEA Elective	C	6
Ocean Futures Quantitative Applications		
STP 231 Statistics for Life Science (QTRS) OR SEA 310 Paleoclimate Perspectives on Contemporary Climate Change OR SEA 330 Digital Blue Planet (QTRS) OR SEA 430 Cloud-Based Remote Sensing	C	3
Ocean Futures (Coastal and Marine Science) Related Area		
BIO 181 General Biology I (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT) OR PHY 101 Introduction to Physics (SCIT)	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to complete an Experiential Aquatic course to fulfill elective hours. Students should meet with their

academic advisor to learn more about these experiences that may be available locally and regionally in Arizona, and globally. In some cases, additional costs may apply.

Ocean Futures Experiential Aquatic Elective

> **FIS 494 Topic: Antarctica: Humans and the Environment**
>
> **FIS 400** / **SEA 400 Sea Turtles, Sharks and Fisheries of Baja California**
>
> **SEA 415 Marine Invertebrate Zoology**
>
> **SEA 420 Coral Reef Ecology**
>
> **SEA 425 Research Diving Methods**

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sustainability, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Global Futures
Plan Code: SUSUSTBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Sustainability Quantitative Courses		
SOS 102 Quantitative Reasoning for Sustainability	C	3
STP 226 Elements of Statistics (QTRS)	C	3
Sustainability Introductory Courses		
SOS 110 Building a Sustainable World (SUST)	C	3
SOS 111 Sustainable Cities (SUST)	C	3
Sustainability Core Competency and Skill Courses		
SOS 220 Systems Thinking	C	3
SOS 232 Professional Skills in Sustainability Practice	C	3
SOS 310 Equity, Justice and Sustainability (HUAD)	C	3
SOS 311 Future Thinking and Strategies	C	3

Requirement	Minimum Grade	Credit Hours
Sustainability Track Courses Students must select a single Sustainability Track. This track selection impacts the course options for the Sustainability Track Course requirement and the Sustainability Track Electives requirement. Students should select their track and notify their academic advisor by the end of sophomore year or as early as possible.		
BA sustainability students must select one of the following tracks: Society and Sustainability, Policy and Governance in Sustainable Systems, International Development and Sustainability, or Sustainable Urban Dynamics.		
Students complete the required course of their chosen track. Society and Sustainability Track - Required Course: SOS 320; Policy and Governance in Sustainable Systems Track - Required Course: SOS 321; International Development and Sustainability Track - Required Course: SOS 322; Sustainable Urban Dynamics Track - Required Course: SOS 323		
SOS 320 Society and Sustainability (SOBE) OR **SOS 321 Policy and Governance in Sustainable Systems** OR **SOS 322 International Development and Sustainability** OR **SOS 323 Sustainable Urban Dynamics**	C	3
Students complete three additional track courses, beyond their required track course, from the following:		
SOS 320 Society and Sustainability (SOBE) OR **SOS 321 Policy and Governance in Sustainable Systems**	C	9

Requirement	Minimum Grade	Credit Hours
OR SOS 322 International Development and Sustainability		
OR SOS 323 Sustainable Urban Dynamics		
OR SOS 324 Sustainable Energy Technology and Systems		
OR SOS 325 The Economics of Sustainability		
OR SOS 326 Sustainable Ecosystems		
OR SOS 327 Sustainable Food and Farms		
OR SOS 328 Sustainability and Enterprise		

Sustainability Track Electives

Take two elective courses from your selected track. At least one course (3 credit hours) must be upper division.

Society and Sustainability	C	3
ASB 202 Immigration and Ethnic Relations in the U.S. (CIVI)		
ASB 211 Women in Other Cultures		
ASB 311 Principles of Social Anthropology (GCSI)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 344 Technology and Society (SOBE)		
ASB 370 Ethics of Eating (SUST)		
BIO 311 Biology and Society		
BIO 434 People and Nature: Ecosystem Services		

Requirement	Minimum Grade	Credit Hours
ENG 367 Environmental Issues in Literature and Film		
FIS 111 Welcome to the Future (CIVI)		
FIS 334 Science, Technology and Inequality (GCSI)		
GCU 350 The Geography of World Crises (GCSI)		
GCU 357 Social Geography		
GCU 441 Economic Geography		
GCU 442 Geographical Analysis of Transportation		
GPH 210 Society and Environment		
JUS 320 Community and Social Justice		
JUS 321 Wealth Distribution and Poverty (SOBE)		
JUS 405 Inequality, Economy and Justice (HUAD)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 444 Environment and Justice		
PSY 306 Environmental Psychology		
PSY 350 Social Psychology (SOBE)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOC 270 Sociology of Race and Ethnicity (CIVI)		
SOC 331 Environmental Sociology (SUST)		
SOC 332 The Modern City		

Requirement	Minimum Grade	Credit Hours
SOC 334 Technology and Society (SOBE)		
SOC 352 Social Change (CIVI)		
SOS 309 History and Philosophy of Sustainability		
SOS 447 Gender, Culture, and Development (GCSI)		
SOS 467 Art and Ecology		
WST 375 Women and Social Change		
WST 380 Race, Gender, and Class (SOBE)		
WST 457 Women, Cultures, and Societies		
OR Policy and Governance in Sustainable Systems		
ABS 381 Natural Resources Policy		
AGB 414 Food and Agribusiness Policy Issues		
ASB 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
BIO 412 Conservation in Practice		
ECN 441 Public Economics (CIVI)		
GCU 361 Urban Geography		
GPH 314 Global Change (SUST)		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		

Requirement	Minimum Grade	Credit Hours
PAF 300 Public Management and Administration		
PAF 340 Contemporary Policy Challenges		
PHI 407 Environmental Philosophy and Policy (SUST)		
POS 160 Global Politics (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 346 Problems of Democracy (HUAD)		
POS 346 Problems of Democracy (HUAD)		
POS 351 Democratization (GCSI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 368 Ethics and Human Rights (GCSI)		
POS 410 Governing American Cities		
PUP 301 Introduction to Urban Planning		
PUP 430 Transportation Planning and the Environment		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOS 371 Inequality and Sustainability		
STS 325 Science, Technology, and Public Policy		
TCL 340 Chicana/o and Latina/o Politics and Policy		
OR International Development and Sustainability		

Requirement	Minimum Grade	Credit Hours
AFR 340 The Making of Modern Africa		
AGB 302 International Management and Agribusiness (GCSI)		
ALT 412 Village Energy Systems		
ASB 100 Introduction to Global Health (GCSI)		
ASB 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
FIS 337 Innovation and Global Development (GCSI)		
GCU 364 Energy in the Global Arena		
GPH 314 Global Change (SUST)		
JUS 325 Globalization and Socio-Economic Justice		
JUS 352 The Global Politics of Human Rights (CIVI)		
OMT 440 International Business		
POS 160 Global Politics (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 368 Ethics and Human Rights (GCSI)		
POS 486 International Political Economy (GCSI)		
SBS 480 Global Justice (GCSI)		
SGS 301 Principles of Global Studies (GCSI)		
SGS 303 Global Trends (GCSI)		

Requirement	Minimum Grade	Credit Hours
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SOC 333 Population		
SOS 447 Gender, Culture, and Development (GCSI)		
STS 330 Information Technology and Artificial Intelligence		
STS 332 Global Issues in Science and Technology		
TDM 458 International Tourism (GCSI)		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
WST 378 Global Feminist Theory (GCSI)		
OR		
Sustainable Urban Dynamics		
ABS 260 Fundamentals of Sustainable Horticulture		
ABS 364 Urban Forestry		
ALA 100 Introduction to Environmental Design (HUAD)		
ALA 102 Landscapes and Sustainability (SUST)		
ASB 442 Global Cities		
CHE 469 Air Quality Engineering		

Requirement	Minimum Grade	Credit Hours
GCU 359 Cities of the World I		
GCU 361 Urban Geography		
GCU 425 Geography of the Mexican American Borderland		
GCU 442 Geographical Analysis of Transportation		
PAF 220 Introduction to Urban America		
PAF 240 Urban Policy		
PAF 305 Urban Governance		
PAF 351 Urban and Metropolitan Studies		
PAF 352 Urban Theory		
POS 410 Governing American Cities		
POS 464 Border Cities: Action Research on Globalization		
PUP 200 Cities in Cinema (HUAD)		
PUP 301 Introduction to Urban Planning		
PUP 363 History of Planning		
PUP 410 Public Participation in Planning		
PUP 430 Transportation Planning and the Environment		
SOC 331 Environmental Sociology (SUST)		
SOS 315 Energy Policy		

Requirement	Minimum Grade	Credit Hours
SOS 327 Sustainable Food and Farms		
SOS 330 Sustaining the Commons (CIVI)		
SOS 414 Urban and Environmental Health		
STS 325 Science, Technology, and Public Policy		
Upper Division Society and Sustainability	C	3
ASB 311 Principles of Social Anthropology (GCSI)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 344 Technology and Society (SOBE)		
ASB 370 Ethics of Eating (SUST)		
BIO 311 Biology and Society		
BIO 434 People and Nature: Ecosystem Services		
ENG 367 Environmental Issues in Literature and Film		
FIS 334 Science, Technology and Inequality (GCSI)		
GCU 350 The Geography of World Crises (GCSI)		
GCU 357 Social Geography		
GCU 441 Economic Geography		
GCU 442 Geographical Analysis of Transportation		
JUS 320 Community and Social Justice		
JUS 321 Wealth Distribution and Poverty (SOBE)		

Requirement	Minimum Grade	Credit Hours
JUS 405 Inequality, Economy and Justice (HUAD)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
JUS 444 Environment and Justice		
PSY 306 Environmental Psychology		
PSY 350 Social Psychology (SOBE)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOC 331 Environmental Sociology (SUST)		
SOC 332 The Modern City		
SOC 334 Technology and Society (SOBE)		
SOC 352 Social Change (CIVI)		
SOS 309 History and Philosophy of Sustainability		
SOS 447 Gender, Culture, and Development (GCSI)		
SOS 467 Art and Ecology		
WST 375 Women and Social Change		
WST 380 Race, Gender, and Class (SOBE)		
WST 457 Women, Cultures, and Societies		
OR		
Upper Division Policy and Governance in Sustainable Systems		
ABS 381 Natural Resources Policy		

Requirement	Minimum Grade	Credit Hours
AGB 414 Food and Agribusiness Policy Issues		
ASB 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
BIO 412 Conservation in Practice		
ECN 441 Public Economics (CIVI)		
GCU 361 Urban Geography		
GPH 314 Global Change (SUST)		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		
PAF 300 Public Management and Administration		
PAF 340 Contemporary Policy Challenges		
PHI 407 Environmental Philosophy and Policy (SUST)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 346 Problems of Democracy (HUAD)		
POS 346 Problems of Democracy (HUAD)		
POS 351 Democratization (GCSI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 368 Ethics and Human Rights (GCSI)		
POS 410 Governing American Cities		
PUP 301 Introduction to Urban Planning		

Requirement	Minimum Grade	Credit Hours
PUP 430 Transportation Planning and the Environment		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOS 371 Inequality and Sustainability		
STS 325 Science, Technology, and Public Policy		
TCL 340 Chicana/o and Latina/o Politics and Policy		

OR Upper Division International Development and Sustainability

AFR 340 The Making of Modern Africa		
AGB 302 International Management and Agribusiness (GCSI)		
ALT 412 Village Energy Systems		
ASB 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
FIS 337 Innovation and Global Development (GCSI)		
GCU 364 Energy in the Global Arena		
GPH 314 Global Change (SUST)		
JUS 325 Globalization and Socio-Economic Justice		
JUS 352 The Global Politics of Human Rights (CIVI)		
OMT 440 International Business		
POS 300 Contemporary Global Controversies (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 368 Ethics and Human Rights (GCSI)		
POS 486 International Political Economy (GCSI)		
SBS 480 Global Justice (GCSI)		
SGS 301 Principles of Global Studies (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SOC 333 Population		
SOS 447 Gender, Culture, and Development (GCSI)		
STS 330 Information Technology and Artificial Intelligence		
STS 332 Global Issues in Science and Technology		
TDM 458 International Tourism (GCSI)		
TEM 431 Innovation Management		
TEM 450 Design for the Developing World		
TEM 455 Global Impact Entrepreneurship		
WST 378 Global Feminist Theory (GCSI)		
OR		
Upper Division Sustainable Urban Dynamics		
ABS 364 Urban Forestry		

Requirement	Minimum Grade	Credit Hours
ASB 442 Global Cities		
CHE 469 Air Quality Engineering		
GCU 359 Cities of the World I		
GCU 361 Urban Geography		
GCU 425 Geography of the Mexican American Borderland		
GCU 442 Geographical Analysis of Transportation		
PAF 305 Urban Governance		
PAF 351 Urban and Metropolitan Studies		
PAF 352 Urban Theory		
POS 410 Governing American Cities		
POS 464 Border Cities: Action Research on Globalization		
PUP 301 Introduction to Urban Planning		
PUP 363 History of Planning		
PUP 410 Public Participation in Planning		
PUP 430 Transportation Planning and the Environment		
SOC 331 Environmental Sociology (SUST)		
SOS 315 Energy Policy		
SOS 327 Sustainable Food and Farms		

Requirement	Minimum Grade	Credit Hours
SOS 330 Sustaining the Commons (CIVI)		
SOS 414 Urban and Environmental Health		
STS 325 Science, Technology, and Public Policy		

Track Elective options may require prerequisite courses. Students must meet all prerequisite requirements to enroll in a course.

SOS Upper Division Elective

Upper Division **SOS Elective**	C	3

Sustainability Capstone

SOS 498 Pro-Seminar OR **SOS 493 Honors Thesis**	B-	3

GPA Requirements

Check: Minimum 2.5 Major GPA

Check: Minimum 2.5 ASU Cumulative GPA

Sustainability Second Language Requirement (BA)

Language Requirement: satisfied through completion of a language course at the intermediate level (202 or equivalent) or higher.	C	16

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.

Related Discipline

All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. Courses for the Related Discipline may not overlap with other major requirements. Students may, however, use courses from a minor or certificate to satisfy the Related Discipline requirement. Students must notify their academic advisor of their selected related discipline so it can be entered into their degree audit.

Upper Division Related Discipline	C	9
Related Discipline	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community OR **CGF 201 Transfer Student: Introduction to ASU and Your Academic Community**	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sustainability, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Global Futures
Plan Code: SUSUSTBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Sustainability Quantitative Courses		
SOS 102 Quantitative Reasoning for Sustainability	C	3
SOS 211 Calculus and Probability for the Life and Social Sciences (MATH)	C	3
SOS 212 Systems, Dynamics and Sustainability (QTRS)	C	3
Sustainability Introductory Courses		
SOS 110 Building a Sustainable World (SUST)	C	3
SOS 111 Sustainable Cities (SUST)	C	3
Sustainability Core Competency and Skill Courses		
SOS 220 Systems Thinking	C	3
SOS 232 Professional Skills in Sustainability Practice	C	3
SOS 310 Equity, Justice and Sustainability (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
SOS 311 Future Thinking and Strategies	C	3

Sustainability Track Courses

Students must select a single Sustainability Track. This track selection impacts the course options for the Sustainability Track Course requirement and the Sustainability Track Electives requirement. Students should select their track and notify their academic advisor by the end of sophomore year or as early as possible.		
BS sustainability students must select one of the following tracks: Sustainable Energy, Materials, and Technology; Economics of Sustainability; or Sustainable Ecosystems.		
Students complete the required course of their chosen track. Sustainable Energy, Materials and Technology Track - Required Course: SOS 324; Economics of Sustainability Track - Required Course: SOS 325; Ecosystems Sustainability Track - Required Course: SOS 326		
SOS 324 Sustainable Energy Technology and Systems OR **SOS 325 The Economics of Sustainability** OR **SOS 326 Sustainable Ecosystems**	C	3
Students complete three additional track courses, beyond their required track course, from the following:		
SOS 320 Society and Sustainability (SOBE) OR **SOS 321 Policy and Governance in Sustainable Systems** OR **SOS 322 International Development and Sustainability** OR **SOS 323 Sustainable Urban Dynamics**	C	9

Requirement	Minimum Grade	Credit Hours
OR **SOS 324 Sustainable Energy Technology and Systems**		
OR **SOS 325 The Economics of Sustainability**		
OR **SOS 326 Sustainable Ecosystems**		
OR **SOS 327 Sustainable Food and Farms**		
OR **SOS 328 Sustainability and Enterprise**		

Sustainability Track Electives

Take two elective courses from your selected track. At least one course (3 credit hours) must be upper division.

Upper Division Sustainable Energy, Materials, and Technology	C	3
ALT 435 Applied Photovoltaics		
ARC 331 World and Western Architecture I		
CEE 400 Earth Systems Engineering and Management (SUST)		
ERM 302 Water and Wastewater Treatment Technology		
ERM 401 Hazardous Waste Management		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
GCU 364 Energy in the Global Arena		
GPH 405 Energy and Environment		
GPH 412 Physical Meteorology		

Requirement	Minimum Grade	Credit Hours
HST 302 Topic: Energy Transitions and Sustainability		
SOS 315 Energy Policy		
SOS 435 U.S. Energy: Pathways to Sustainability		
SOS 494 Topic: Renewable Energy		
OR Upper Division Economics of Sustainability		
ASB 316 Money and Culture		
ECN 306 Survey of International Economics (GCSI)		
ECN 312 Intermediate Microeconomic Theory (SOBE)		
ECN 313 Intermediate Macroeconomic Theory (SOBE)		
ECN 345 Survey of Energy and Environmental Economic Issues (SUST)		
ECN 360 Economic Development (GCSI)		
ECN 413 Advanced Honors Macroeconomics		
ECN 414 Economics of Uncertainty and Information		
ECN 425 Introduction to Econometrics		
ECN 436 International Trade Theory		
ECN 445 Environmental Economics		
GCU 441 Economic Geography		
JUS 325 Globalization and Socio-Economic Justice		

Requirement	Minimum Grade	Credit Hours
POS 486 International Political Economy (GCSI)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOS 371 Inequality and Sustainability		
OR Upper Division Sustainable Ecosystems		
ABS 364 Urban Forestry		
ABS 370 Ecology		
ABS 430 Watershed Management		
ABS 481 Riparian and Wetland Restoration		
BIO 303 Plant Diversity and Evolution		
BIO 304 / PLB 302 Plants and Civilization		
BIO 308 Plant Physiology		
BIO 311 Biology and Society		
BIO 313 The Flora of Arizona		
BIO 320 Fundamentals of Ecology		
BIO 322 Conservation of Biodiversity (SUST)		
BIO 323 Ecosystem Restoration and Management		
BIO 324 Environmental Ethics (SUST)		
BIO 325 Oceanography		

Requirement	Minimum Grade	Credit Hours
BIO 331 Animal Behavior		
BIO 370 Vertebrate Zoology		
BIO 386 General Entomology		
BIO 410 Techniques in Conservation Biology and Ecology		
BIO 411 Quantitative Methods in Conservation and Ecology		
BIO 412 Conservation in Practice		
BIO 421 Landscape Ecology		
BIO 423 Population and Community Ecology		
BIO 434 People and Nature: Ecosystem Services		
BIO 471 Ornithology		
BIO 472 Mammalogy		
BIO 474 Herpetology		
CHM 302 Environmental Chemistry		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
HST 345 Environmental History (SUST)		
PLB 300 Plant Diversity and Evolution		
PLB 310 The Flora of Arizona		

Requirement	Minimum Grade	Credit Hours
SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)		
SOS 372 Earth Science in Arizona and the Southwest		
SOS 374 Earth's Critical Zone		
SOS 375 Humans and the Environment: What's the Connection?		
SOS 414 Urban and Environmental Health		
SOS 429 Human Impacts on Ecosystem Functioning		
SOS 433 Sustainable Water Use		
SOS 476 Earth's Past Climates: The Key to our Sustainable Future		
Sustainable Energy, Materials, and Technology	C	3
ALA 100 Introduction to Environmental Design (HUAD)		
ALA 102 Landscapes and Sustainability (SUST)		
ALT 435 Applied Photovoltaics		
ARC 331 World and Western Architecture I		
CEE 400 Earth Systems Engineering and Management (SUST)		
CHM 107 Chemistry and Society (SCIT)		
CON 101 Construction and Culture: a Built Environment (HUAD)		
ERM 201 Environmental Management		

Requirement	Minimum Grade	Credit Hours
ERM 203 Environmental Regulations		
ERM 302 Water and Wastewater Treatment Technology		
ERM 401 Hazardous Waste Management		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
GCU 364 Energy in the Global Arena		
GPH 405 Energy and Environment		
GPH 412 Physical Meteorology		
HST 302 Topic: Energy Transitions and Sustainability		
IND 242 Materials and Design		
SES 141 Energy In Everyday Life (SCIT)		
SOS 171 The Thread of Energy (SUST)		
SOS 181 Technological, Social, and Sustainable Systems (SUST)		
SOS 315 Energy Policy		
SOS 435 U.S. Energy: Pathways to Sustainability		
SOS 494 Topic: Renewable Energy		
OR		
Economics of Sustainability		
ASB 316 Money and Culture		

Requirement	Minimum Grade	Credit Hours
ECN 211 Macroeconomic Principles (SOBE)		
ECN 212 Microeconomic Principles (SOBE)		
ECN 306 Survey of International Economics (GCSI)		
ECN 312 Intermediate Microeconomic Theory (SOBE)		
ECN 313 Intermediate Macroeconomic Theory (SOBE)		
ECN 345 Survey of Energy and Environmental Economic Issues (SUST)		
ECN 360 Economic Development (GCSI)		
ECN 413 Advanced Honors Macroeconomics		
ECN 414 Economics of Uncertainty and Information		
ECN 425 Introduction to Econometrics		
ECN 436 International Trade Theory		
ECN 445 Environmental Economics		
GCU 441 Economic Geography		
JUS 325 Globalization and Socio-Economic Justice		
POS 486 International Political Economy (GCSI)		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOS 371 Inequality and Sustainability		
OR		
Sustainable Ecosystems		

Requirement	Minimum Grade	Credit Hours
ABS 364 Urban Forestry		
ABS 370 Ecology		
ABS 430 Watershed Management		
ABS 481 Riparian and Wetland Restoration		
BIO 181 General Biology I (SCIT)		
BIO 182 General Biology II (SCIT)		
BIO 303 Plant Diversity and Evolution		
BIO 304 / **PLB 302 Plants and Civilization**		
BIO 308 Plant Physiology		
BIO 311 Biology and Society		
BIO 313 The Flora of Arizona		
BIO 320 Fundamentals of Ecology		
BIO 322 Conservation of Biodiversity (SUST)		
BIO 323 Ecosystem Restoration and Management		
BIO 324 Environmental Ethics (SUST)		
BIO 325 Oceanography		
BIO 331 Animal Behavior		
BIO 370 Vertebrate Zoology		
BIO 386 General Entomology		

Requirement	Minimum Grade	Credit Hours
BIO 410 Techniques in Conservation Biology and Ecology		
BIO 411 Quantitative Methods in Conservation and Ecology		
BIO 412 Conservation in Practice		
BIO 421 Landscape Ecology		
BIO 423 Population and Community Ecology		
BIO 434 People and Nature: Ecosystem Services		
BIO 471 Ornithology		
BIO 472 Mammalogy		
BIO 474 Herpetology		
CHM 302 Environmental Chemistry		
GLG 110 Dangerous World (SCIT)		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
HST 345 Environmental History (SUST)		
MIC 205 Microbiology (SCIT)		
MIC 220 Biology of Microorganisms		
PLB 300 Plant Diversity and Evolution		
PLB 310 The Flora of Arizona		

Requirement	Minimum Grade	Credit Hours
SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)		
SOS 372 Earth Science in Arizona and the Southwest		
SOS 374 Earth's Critical Zone		
SOS 375 Humans and the Environment: What's the Connection?		
SOS 414 Urban and Environmental Health		
SOS 429 Human Impacts on Ecosystem Functioning		
SOS 433 Sustainable Water Use		
SOS 476 Earth's Past Climates: The Key to our Sustainable Future		

Track Elective options may require prerequisite courses. Students must meet all prerequisite requirements to enroll in a course.

SOS Upper Division Elective

Upper Division **SOS Elective**	C	3

Sustainability Capstone

SOS 498 Pro-Seminar OR **SOS 493 Honors Thesis**	B-	3

GPA Requirements

Requirement	Minimum Grade	Credit Hours
Check: Minimum 2.5 Major GPA		
Check: Minimum 2.5 ASU Cumulative GPA		

Second Language Requirement (BS)

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.		
Language Requirement: satisfied through completion of a language course at the beginner level (102 or equivalent) or higher.	C	8

Related Discipline

All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval. Courses for the Related Discipline may not overlap with other major requirements. Students may, however, use courses from a minor or certificate to satisfy the Related Discipline requirement. Students must notify their academic advisor of their selected related discipline so it can be entered into their degree audit.		
Upper Division Related Discipline	C	9
Related Discipline	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community OR **CGF 201 Transfer Student: Introduction to ASU and Your Academic Community**	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sustainable Food Systems, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Global Futures
Plan Code: SUSFOSYSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Sustainability Quantitative Courses		
SOS 102 Quantitative Reasoning for Sustainability	C	3
SOS 211 Calculus and Probability for the Life and Social Sciences (MATH)	C	3
SOS 212 Systems, Dynamics and Sustainability (QTRS)	C	3
Sustainability Core Courses		
SOS 110 Building a Sustainable World (SUST)	C	3
SOS 111 Sustainable Cities (SUST)	C	3
SOS 220 Systems Thinking	C	3
SOS 310 Equity, Justice and Sustainability (HUAD)	C	3
SOS 311 Future Thinking and Strategies	C	3
Sustainable Food Systems Required Science Courses		

Requirement	Minimum Grade	Credit Hours
CHM 101 Introductory Chemistry (SCIT) OR CHM 113 General Chemistry I (SCIT) OR CHM 114 General Chemistry for Engineers (SCIT)	C	4
SOS 182 Water Planet (SCIT)	C	4
NTR 241 Human Nutrition	C	3
SOS 326 Sustainable Ecosystems	C	3

Sustainable Food Systems Major Courses

SFS 215 Fundamentals of Sustainable Food Systems (SUST)	C	3
SFS 216 The Sustainable Plate (SUST)	C	3
SOS 327 Sustainable Food and Farms	C	3

Sustainable Food Systems Skills Electives

Skills Electives	C	6

- ACC 382 Accounting and Financial Analysis
- AME 130 Prototyping Dreams
- CIS 105 Computer Applications and Information Technology (QTRS)
- CIS 300 Web Design and Development
- COM 225 Public Speaking and Presentations (CIVI)
- COM 353 Professional Communication

Requirement	Minimum Grade	Credit Hours
COM 403 Intercultural Business Communication (CIVI)		
COM 451 Communication and Work Relationships		
COM 459 Theory and Methods of Social Media Networks		
ECN 211 Macroeconomic Principles (SOBE)		
ECN 212 Microeconomic Principles (SOBE)		
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 301 Writing for the Professions		
ENG 311 Persuasive Writing (CIVI)		
FIN 380 Personal Financial Management		
FIS 305 Ways of Knowing		
GIS 205 Geographic Information Science I (QTRS)		
GIS 211 Geographic Information Science II (QTRS)		
GIS 494 Topic: GIS Methods for Non-Majors		
GIS 494 Topic: GIS for Climate Change Science		
MKT 390 Essentials of Marketing		
MGT 380 Management and Strategy		
MGT 430 Negotiations		
NLM 300 Fund Raising and Resource Development		
OGL 300 Theory and Practice of Leadership		

Requirement	Minimum Grade	Credit Hours
OGL 355 Leading Organizational Innovation and Change		
SOS 232 Professional Skills in Sustainability Practice		
SOS 325 The Economics of Sustainability		
SST 220 Introduction to Social Transformation		

Sustainable Food Systems Focus Area

Take four courses from one Focus Area. Minimum 9 hours upper division.

Upper Division Procurement	C	9
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 456 Food Product Innovation and Development		
AGB 481 Strategic Pricing in Food Markets		
NTR 300 Computer Applications in Food Service		
NTR 343 Food Service Purchasing		
NTR 344 Nutrition Management and Leadership		
NTR 445 Management of Food Service Systems		
NTR 455 Retail Food Service Operations		
SOS 328 Sustainability and Enterprise		

Requirement	Minimum Grade	Credit Hours
SOS 485 Business and Sustainability II		
TDM 481 Sustainable Food Management in Tourism		
OR Upper Division Ecosystem Science		
ABS 314 Applied Plant Physiology		
ABS 318 Unseen Life on Earth		
ABS 368 Plant Propagation		
ABS 370 Ecology		
ABS 372 Captive Animal Behavior Management		
ABS 376 Wildlife Ecology		
ABS 378 Animal Nutrition		
ABS 384 Natural Resources Measurements		
ABS 430 Watershed Management		
ABS 464 Desert Horticulture		
ABS 470 Life History of Mammals		
ASB 362 People and Plants		
BIO 320 Fundamentals of Ecology		
BIO 322 Conservation of Biodiversity (SUST)		
BIO 386 General Entomology		
BIO 405 Sonoran Desert Field Botany		

Requirement	Minimum Grade	Credit Hours
BMY 302 Principles of Life		
PLB 302 Plants and Civilization		
SOS 314 Basic Energy Science		
OR **Upper Division Business and Innovation**		
At least two courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM		
AGB 302 International Management and Agribusiness (GCSI)		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
AGB 456 Food Product Innovation and Development		
AGB 481 Strategic Pricing in Food Markets		
BUS 424 Sales and Negotiations		

Requirement	Minimum Grade	Credit Hours
BUS 434 Business Risk Management		
ENT 305 Principles of Entrepreneurship		
ENT 340 Creativity and Innovation		
ENT 360 Entrepreneurship and Value Creation		
FIS 308 Politics, Markets and Innovation (CIVI)		
MGT 300 Principles of Management and Leadership		
MKT 300 Marketing and Business Performance		
MKT 390 Essentials of Marketing		
MKT 391 Essentials of Selling		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 435 Entrepreneurial Marketing		
NTR 343 Food Service Purchasing		
NTR 455 Retail Food Service Operations		
SOS 328 Sustainability and Enterprise		
SOS 385 Business and Sustainability I (SUST)		
SOS 485 Business and Sustainability II		
STS 329 Technology in Developing Countries		
TDM 481 Sustainable Food Management in Tourism		
TEM 455 Global Impact Entrepreneurship		

Requirement	Minimum Grade	Credit Hours

OR **Upper Division Educational Leadership**

- CDE 337 Early Childhood Intervention
- EDP 310 Educational Psychology for Non-Teachers
- NTR 343 Food Service Purchasing
- NTR 344 Nutrition Management and Leadership
- NTR 445 Management of Food Service Systems
- OGL 355 Leading Organizational Innovation and Change
- SCN 300 Foundations of Environmental Education
- SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)
- SCN 302 Environmental Education: A Global Perspective (SUST)
- USL 402 Service Learning: Education & Youth

OR **Upper Division Global Engagement**

- AGB 302 International Management and Agribusiness (GCSI)
- AIS 320 American Indian Philosophies and World Views (HUAD)
- AIS 480 Actualizing Decolonization
- ASB 305 Poverty and Global Health (CIVI)

Requirement	Minimum Grade	Credit Hours
GCU 432 Geography of China		
GPH 381 Geography of Natural Resources (SUST)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 454 Mexico		
POS 480 Global Justice (GCSI)		
SOS 322 International Development and Sustainability		
STS 329 Technology in Developing Countries		
STS 332 Global Issues in Science and Technology		
OR Upper Division Policy and Governance		
AGB 414 Food and Agribusiness Policy Issues		
AGB 452 Global Food and Agricultural Trade		
AIS 380 Contemporary Issues of American Indian Nations		
JUS 377 Arizona, Immigration, Latinos and Politics		
PAF 340 Contemporary Policy Challenges		
PAF 420 Managing Across Boundaries		
POS 310 American National Government (AMIT)		

Requirement	Minimum Grade	Credit Hours
POS 313 The Congress (AMIT)		
POS 325 Public Policy Development (CIVI)		
POS 471 Constitutional Law I (AMIT)		
POS 472 Constitutional Law II		
POS 480 Global Justice (GCSI)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 322 International Development and Sustainability		
OR		
Upper Division Public Health and Nutrition		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		
ASB 300 Food and Culture (SOBE)		
ASB 301 Global History of Health (HUAD)		
ASB 305 Poverty and Global Health (CIVI)		
ASB 355 Traditional Medicine and Healing (HUAD)		
ASB 443 Cross-Cultural Studies in Global Health (GCSI)		
ASB 448 Maternal and Child Health		
HCI 311 Health Innovation: Foundational Concepts		

Requirement	Minimum Grade	Credit Hours
HCR 336 Environmental Community Health		
HSC 355 Eating for Lifelong Health (SOBE)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
NTR 320 History of Human Nutrition (HUAD)		
NTR 343 Food Service Purchasing		
NTR 344 Nutrition Management and Leadership		
NTR 345 Development of Healthy Cuisines		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 351 Nutrition Communication		
NTR 353 The Western Diet		
NTR 445 Management of Food Service Systems		
NTR 448 Community Nutrition		
NTR 450 Nutrition in the Life Cycle (SOBE)		
NTR 455 Retail Food Service Operations		
PBH 422 Health Disparities and Access to Health		
TDM 480 Sustainable Tourism		
Procurement	C	3
AGB 250 Economics of Resource Allocation: Food and Agriculture		

Requirement	Minimum Grade	Credit Hours
AGB 425 Food Supply Networks		
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 456 Food Product Innovation and Development		
AGB 481 Strategic Pricing in Food Markets		
NTR 142 Applied Food Principles		
NTR 300 Computer Applications in Food Service		
NTR 343 Food Service Purchasing		
NTR 344 Nutrition Management and Leadership		
NTR 445 Management of Food Service Systems		
NTR 455 Retail Food Service Operations		
SOS 328 Sustainability and Enterprise		
SOS 485 Business and Sustainability II		
TDM 481 Sustainable Food Management in Tourism		
OR		
Ecosystem Science		
ABS 207 Applied Plant Taxonomy		
ABS 270 Sustainable Biological Systems (SUST)		
ABS 274 Introduction to Wildlife Management		
ABS 314 Applied Plant Physiology		

Requirement	Minimum Grade	Credit Hours
ABS 318 Unseen Life on Earth		
ABS 368 Plant Propagation		
ABS 370 Ecology		
ABS 372 Captive Animal Behavior Management		
ABS 376 Wildlife Ecology		
ABS 378 Animal Nutrition		
ABS 384 Natural Resources Measurements		
ABS 430 Watershed Management		
ABS 464 Desert Horticulture		
ABS 470 Life History of Mammals		
ASB 362 People and Plants		
BIO 100 The Living World (SCIT) **or** BIO 181 General Biology I (SCIT)		
BIO 130 Introduction to Environmental Science (SCIT)		
BIO 182 General Biology II (SCIT)		
BIO 320 Fundamentals of Ecology		
BIO 322 Conservation of Biodiversity (SUST)		
BIO 386 General Entomology		
BIO 405 Sonoran Desert Field Botany		
BMY 230 How Nature Works		

Requirement	Minimum Grade	Credit Hours
BMY 302 Principles of Life		
CEE 181 Technological, Social, and Sustainable Systems (SUST)		
MIC 205 Microbiology (SCIT)		
PLB 302 Plants and Civilization		
SES 106 Habitable Worlds (SCIT)		
SOS 314 Basic Energy Science		
OR **Business and Innovation**		
At least two courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM		
AGB 100 Introduction to Agribusiness		
AGB 250 Economics of Resource Allocation: Food and Agriculture		
AGB 302 International Management and Agribusiness (GCSI)		
AGB 321 Agribusiness Sales and Marketing		
AGB 333 Agribusiness Finance		
AGB 410 Food Supply Chains		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		
AGB 425 Food Supply Networks		

Requirement	Minimum Grade	Credit Hours
AGB 435 Commodity Futures and Options Markets		
AGB 445 Food Retailing		
AGB 452 Global Food and Agricultural Trade		
AGB 456 Food Product Innovation and Development		
AGB 481 Strategic Pricing in Food Markets		
BUS 424 Sales and Negotiations		
BUS 434 Business Risk Management		
ENT 305 Principles of Entrepreneurship		
ENT 340 Creativity and Innovation		
ENT 360 Entrepreneurship and Value Creation		
FIS 308 Politics, Markets and Innovation (CIVI)		
MGT 300 Principles of Management and Leadership		
MKT 300 Marketing and Business Performance		
MKT 390 Essentials of Marketing		
MKT 391 Essentials of Selling		
MKT 395 Essentials of Advertising and Marketing Communication		
MKT 435 Entrepreneurial Marketing		
NTR 343 Food Service Purchasing		
NTR 455 Retail Food Service Operations		

Requirement	Minimum Grade	Credit Hours
SOS 328 Sustainability and Enterprise		
SOS 385 Business and Sustainability I (SUST)		
SOS 485 Business and Sustainability II		
STS 329 Technology in Developing Countries		
TDM 481 Sustainable Food Management in Tourism		
TEM 455 Global Impact Entrepreneurship		
OR		
Educational Leadership		
CDE 232 Human Development (SOBE)		
CDE 337 Early Childhood Intervention		
ECD 220 Introduction to Nutrition, Health and Safety		
EDP 310 Educational Psychology for Non-Teachers		
HEP 102 Foundations of Health Education and Health Promotion		
NTR 343 Food Service Purchasing		
NTR 344 Nutrition Management and Leadership		
NTR 445 Management of Food Service Systems		
OGL 200 Introduction to Organizational Leadership (CIVI)		
OGL 220 Behavioral Dynamics in Organizations (SOBE)		
OGL 260 Resource Allocation in Organizations (SUST)		

Requirement	Minimum Grade	Credit Hours
OGL 355 Leading Organizational Innovation and Change		
SCN 209 Introduction to Environmental Education Project		
SCN 300 Foundations of Environmental Education		
SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)		
SCN 302 Environmental Education: A Global Perspective (SUST)		
TEL 111 Exploration of Education (HUAD)		
TEL 215 Introduction to Child and Adolescent Development (SOBE)		
USL 402 Service Learning: Education & Youth		
OR		
Global Engagement		
AGB 302 International Management and Agribusiness (GCSI)		
AIS 180 Introduction to American Indian Studies (SOBE)		
AIS 320 American Indian Philosophies and World Views (HUAD)		
AIS 480 Actualizing Decolonization		
ARB 250 Middle East Culture in a Global Perspective (GCSI)		

Requirement	Minimum Grade	Credit Hours
ASB 305 Poverty and Global Health (CIVI)		
GCU 121 World Geography (GCSI)		
GCU 432 Geography of China		
GPH 381 Geography of Natural Resources (SUST)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
POS 160 Global Politics (GCSI)		
POS 240 Introduction to Southeast Asia		
POS 260 Current Issues in International Politics (GCSI)		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 454 Mexico		
POS 480 Global Justice (GCSI)		
SGS 203 Contemporary Global Trends		
SOS 322 International Development and Sustainability		
STS 329 Technology in Developing Countries		
STS 332 Global Issues in Science and Technology		

OR

Policy and Governance

AGB 414 Food and Agribusiness Policy Issues		

Requirement	Minimum Grade	Credit Hours
AGB 452 Global Food and Agricultural Trade		
AIS 380 Contemporary Issues of American Indian Nations		
JUS 377 Arizona, Immigration, Latinos and Politics		
PAF 201 Economics and Public Policy (SOBE)		
PAF 340 Contemporary Policy Challenges		
PAF 420 Managing Across Boundaries		
POS 216 State and Local Government (CIVI)		
POS 310 American National Government (AMIT)		
POS 313 The Congress (AMIT)		
POS 325 Public Policy Development (CIVI)		
POS 471 Constitutional Law I (AMIT)		
POS 472 Constitutional Law II		
POS 480 Global Justice (GCSI)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 322 International Development and Sustainability		
OR		
Public Health and Nutrition		
AGB 414 Food and Agribusiness Policy Issues		
AGB 420 Food Advertising and Promotion		

Requirement	Minimum Grade	Credit Hours
AGB 425 Food Supply Networks		
ASB 300 Food and Culture (SOBE)		
ASB 100 Introduction to Global Health (GCSI)		
ASB 301 Global History of Health (HUAD)		
ASB 305 Poverty and Global Health (CIVI)		
ASB 355 Traditional Medicine and Healing (HUAD)		
ASB 443 Cross-Cultural Studies in Global Health (GCSI)		
ASB 448 Maternal and Child Health		
BIO 100 The Living World (SCIT) **or** BIO 181 General Biology I (SCIT)		
BIO 182 General Biology II (SCIT)		
HCI 311 Health Innovation: Foundational Concepts		
HCR 230 Culture and Health (GCSI)		
HCR 231 Fundamentals of Community Health		
HCR 336 Environmental Community Health		
HSC 355 Eating for Lifelong Health (SOBE)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
NTR 142 Applied Food Principles		
NTR 320 History of Human Nutrition (HUAD)		

Requirement	Minimum Grade	Credit Hours
NTR 343 Food Service Purchasing		
NTR 344 Nutrition Management and Leadership		
NTR 345 Development of Healthy Cuisines		
NTR 348 Cultural Aspects of Food (GCSI)		
NTR 351 Nutrition Communication		
NTR 353 The Western Diet		
NTR 445 Management of Food Service Systems		
NTR 448 Community Nutrition		
NTR 450 Nutrition in the Life Cycle (SOBE)		
NTR 455 Retail Food Service Operations		
PBH 422 Health Disparities and Access to Health		
POP 100 Introduction to Population Health		
TDM 480 Sustainable Tourism		

Sustainable Food Systems Capstone

SFS 498 Pro-Seminar	B-	3

GPA Requirements

Check: Minimum 2.5 Major GPA

Check: Minimum 2.5 ASU Cumulative GPA

Second Language Requirement

Language Requirement: satisfied through completion of a language course at the beginner level (102 or equivalent) or higher.	C	8

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CGF 101 First-Year Student: Introduction to ASU and Your Academic Community OR **CGF 201 Transfer Student: Introduction to ASU and Your Academic Community**	C	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Global Management, BGM - Internatl Business & Culture

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Global Management, BGM
College/School: Thunderbird School of Global Management
Plan Code: TBTGMBGM
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Minimum "C" (2.00) grade is required in all course work in this major.		

Major Core

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ENG 301 Writing for the Professions	C	3
Upper Division Ethics Course **LES 305 Business Law and Ethics for Managers** **PHI 306 Applied Ethics (CIVI)**	C	3

Requirement	Minimum Grade	Credit Hours
PHI 360 Business and Professional Ethics (HUAD) PHI 406 / IAS 406 Moral Dilemmas		
MAT 117 College Algebra (MATH)	C	3
STP 226 Elements of Statistics (QTRS)	C	3

TGM Core

TGM 101 Principles of Global Management (GCSI)	C	3
TGM 200 Principles of Accounting for Global Organizations	C	3
TGM 204 Principles of Marketing for Global Organizations	C	3
TGM 300 Principles of Finance for Global Organizations	C	3
TGM 312 Big Data in the Global Economy	C	3
TGM 353 Regional Management Environment (GCSI)	C	3
TGM 391 Global Business and Professional Development Skills	C	1
TGM 468 States and Markets in a Global Economy (GCSI)	C	3
TGM 478 Cross-Cultural Communication and Negotiation	C	3
TGM 484 Internship An internship is required. Review the "ThunderGuide" Canvas course module titled "TGM 484 Internship Information." Work with your academic advisor and Career Services to start preparing for this experience.	C	3 - 6

Requirement	Minimum Grade	Credit Hours
TGM 487 Global Entrepreneurship	C	3
TGM 489 Multinational Organizational Leadership	C	3
TGM 498 Pro-Seminar	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TGM 191 First-Year Seminar		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Review the "ThunderGuide" located on your Canvas course page for both ASU and Thunderbird-specific resources and information. See advisor for details.
Meet with your academic advisor to begin planning for the best study abroad options for your major.

Thunderbird Proficiency Requirement

The Thunderbird proficiency requirement may be satisfied through one of the following: completion of a language course at the intermediate level (202 or equivalent); completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country; or, completion of six credit hours of upper-division courses that have the global communities, societies and individuals (GCSI) designation (in addition to the courses used to meet the university general studies requirements). Students must earn a grade of â Câ (2.00) or higher in the courses taken to fulfill this requirement. Most students will fulfill this requirement through the completion of TGM 353 and TGM 468. Adjustment to upper-division and elective hours may be required based on the coursework taken (see advisor).

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Global Management, BGM - Intl Business, Lang & Culture

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Global Management, BGM
College/School: Thunderbird School of Global Management
Plan Code: TBTGMBGM
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Minimum "C" (2.00) grade is required in all course work in this major.		

Major Core

CIS 105 Computer Applications and Information Technology (QTRS)	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
Upper Division Ethics course **LES 305 Business Law and Ethics for Managers** **PHI 306 Applied Ethics (CIVI)** **PHI 360 Business and Professional Ethics (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
PHI 406 / IAS 406 Moral Dilemmas		
MAT 117 College Algebra (MATH)	C	3
STP 226 Elements of Statistics (QTRS)	C	3

TGM Core

TGM 101 Principles of Global Management (GCSI)	C	3
TGM 200 Principles of Accounting for Global Organizations	C	3
TGM 204 Principles of Marketing for Global Organizations	C	3
TGM 300 Principles of Finance for Global Organizations	C	3
TGM 312 Big Data in the Global Economy	C	3
TGM 353 Regional Management Environment (GCSI)	C	3
TGM 391 Global Business and Professional Development Skills	C	1
TGM 468 States and Markets in a Global Economy (GCSI)	C	3
TGM 478 Cross-Cultural Communication and Negotiation	C	3
TGM 484 Internship	C	3 - 6
TGM 487 Global Entrepreneurship	C	3
TGM 489 Multinational Organizational Leadership	C	3
TGM 498 Pro-Seminar	C	3

Requirement	Minimum Grade	Credit Hours
Language Track Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor for language options and placement information. Grade of "C" (2.00) or better required.		
Language track course **CHI 101 Elementary Chinese I** **SPA 101 Elementary Spanish I**	C	4 - 5
Language track course **CHI 102 Elementary Chinese II** **SPA 102 Elementary Spanish II**	C	4 - 5
Language track course **CHI 201 Intermediate Chinese I** **SPA 201 Intermediate Spanish**	C	4 - 5
Language track course **CHI 202 Intermediate Chinese II** **SPA 202 Intermediate Spanish**	C	4 - 5

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TGM 191 First-Year Seminar		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Review the "ThunderGuide" located on your Canvas course page for both ASU and Thunderbird-specific resources and information. See advisor for details.

An internship is required. Review the "ThunderGuide" Canvas course module titled "TGM 484 Internship Information." Work with your academic advisor and Career Services to start preparing for this experience.

Meet with your academic advisor to begin planning for the best study abroad options for your major.

Upper Division The Thunderbird proficiency requirement may be satisfied through one of the following: completion of a language course at the intermediate level (202 or equivalent); completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country; or, completion of six credit hours of upper-division courses that have the global communities, societies and individuals (GCSI) designation (in addition to the courses used to meet the university general studies requirements). Students must earn a grade of â Câ (2.00) or higher in the courses taken to fulfill this requirement. Most students will fulfill this requirement through the completion of TGM 353 and TGM 468. Adjustment to upper-division and elective hours may be required based on the coursework taken (see advisor).

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Trade, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Thunderbird School of Global Management
Plan Code: TBINTRABS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 306 Survey of International Economics (GCSI)	C	3
Upper Division Ethics course LES 305 Business Law and Ethics for Managers PHI 306 Applied Ethics (CIVI) PHI 360 Business and Professional Ethics (HUAD) PHI 406 / IAS 406 Moral Dilemmas	C	3
MAT 210 Brief Calculus (MATH)	C	3

Requirement	Minimum Grade	Credit Hours
MAT 211 Mathematics for Business Analysis	C	3
STP 226 Elements of Statistics (QTRS)	C	3

TGM Core

TGM 101 Principles of Global Management (GCSI)	C	3
TGM 200 Principles of Accounting for Global Organizations	C	3
TGM 204 Principles of Marketing for Global Organizations	C	3
TGM 300 Principles of Finance for Global Organizations	C	3
TGM 310 Supply Chain Operations for Global Organizations	C	3
TGM 312 Big Data in the Global Economy	C	3
TGM 353 Regional Management Environment (GCSI)	C	3
TGM 391 Global Business and Professional Development Skills	C	1
TGM 430 International Trade and Regional Economic Agreements	C	3
TGM 460 Global Risk Assessment and Management	C	3
TGM 468 States and Markets in a Global Economy (GCSI)	C	3
TGM 478 Cross-Cultural Communication and Negotiation	C	3
TGM 484 Internship	C	3 - 6
TGM 489 Multinational Organizational Leadership	C	3

Requirement	Minimum Grade	Credit Hours
TGM 498 Pro-Seminar	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TGM 191 First-Year Seminar		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

Review the "ThunderGuide" located on your Canvas course page for both ASU and Thunderbird-specific resources and information. See advisor for details.

An internship is required. Review the "ThunderGuide" Canvas course module titled "TGM 484 Internship Information." Work with your academic advisor and Career Services to start preparing for this experience.

Meet with your academic advisor to begin planning for the best study abroad options for your major.

The Thunderbird proficiency requirement may be satisfied through one of the following: completion of a language course at the intermediate level (202 or equivalent); completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country; or, completion of six credit hours of upper-division courses that have the global communities, societies and individuals (GCSI) designation (in addition to the courses used to meet the university general studies requirements). Students must earn a grade of â Câ (2.00) or higher in the courses taken to fulfill this requirement. Most students will fulfill this requirement through the completion of TGM 353 and TGM 468. Adjustment to upper-division and elective hours may be required based on the coursework taken (see advisor).

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Nutrition and Health, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHFNUENBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
HSC 310 Health Communication	C	3
HSC 355 Eating for Lifelong Health (SOBE) OR **NTR 450 Nutrition in the Life Cycle (SOBE)**	C	3
MKT 390 Essentials of Marketing OR **MKT 391 Essentials of Selling** OR **MKT 395 Essentials of Advertising and Marketing Communication**	C	3
NTR 142 Applied Food Principles	C	3
NTR 150 Introduction to the Professions in Nutrition and Dietetics	C	1
NTR 341 Medical Nutrition Therapy I OR **NTR 345 Development of Healthy Cuisines** Students following the Pre Dietetics Focus Area should take NTR 341. Students following the Community Nutrition Focus Area or Food Service Operations Focus Area should take NTR 345.	C	3

Requirement	Minimum Grade	Credit Hours
NTR 344 Nutrition Management and Leadership	C	3
NTR 348 Cultural Aspects of Food (GCSI)	C	3
NTR 350 Nutrition Counseling	C	3
NTR 402 Preprofessional Prep in Nutrition Careers	C	1
NTR 448 Community Nutrition NTR 448 fulfills the College of Health Solutions Experiential Learning requirement.	C	3
Students should select and follow a Focus Area to complete a total of 18 credit hours, at least nine of which must be upper division.		
Upper Division Focus Area Courses	C	9

Community Nutrition Focus Area

- **CHS 340 Health Theory**
- **EDS 301 Sustainable Community Design and Practices (SUST)**
- **EXW 446 Worksite Wellness**
- **HCD 332 Population Health Policy and Legislation**
- **HCR 335 Program Development and Management for Community Health**
- **HEP 348 Methods of Health Education**
- **HEP 380 Body Image and Wellness**
- **HEP 444 Epidemiology**

Requirement	Minimum Grade	Credit Hours
HEP 452 Health Advocacy in Health Education		
NTR 453 Nutrition and the Media		
PBH 422 Health Disparities and Access to Health		
PBH 435 Environmental and Occupational Health		
Food Service Operations Focus Area		
AGB 425 Food Supply Networks		
AGB 445 Food Retailing		
AGB 456 Food Product Innovation and Development		
MGT 380 Management and Strategy		
NTR 343 Food Service Purchasing		
NTR 353 The Western Diet		
NTR 360 Nutrition Entrepreneurship		
NTR 445 Management of Food Service Systems		
NTR 455 Retail Food Service Operations		
SOS 327 Sustainable Food and Farms		
Pre Dietetics Focus Area		
BCH 361 Advanced Principles of Biochemistry		
NTR 343 Food Service Purchasing		
NTR 445 Management of Food Service Systems		

Requirement	Minimum Grade	Credit Hours
Focus Area Courses	C	9
Community Nutrition Focus Area		
CHS 340 Health Theory		
EDS 301 Sustainable Community Design and Practices (SUST)		
EXW 446 Worksite Wellness		
HCD 332 Population Health Policy and Legislation		
HCR 231 Fundamentals of Community Health		
HCR 335 Program Development and Management for Community Health		
HEP 102 Foundations of Health Education and Health Promotion		
HEP 348 Methods of Health Education		
HEP 380 Body Image and Wellness		
HEP 444 Epidemiology		
HEP 452 Health Advocacy in Health Education		
NTR 453 Nutrition and the Media		
PBH 422 Health Disparities and Access to Health		
PBH 435 Environmental and Occupational Health		
POP 100 Introduction to Population Health		
Food Service Operations Focus Area		

Requirement	Minimum Grade	Credit Hours
AGB 215 / SFS 215 / SOS 215 Fundamentals of Sustainable Food Systems (SUST)		
AGB 425 Food Supply Networks		
AGB 445 Food Retailing		
AGB 456 Food Product Innovation and Development		
CIS 105 Computer Applications and Information Technology (QTRS)		
MGT 380 Management and Strategy		
NTR 343 Food Service Purchasing		
NTR 353 The Western Diet		
NTR 360 Nutrition Entrepreneurship		
NTR 445 Management of Food Service Systems		
NTR 455 Retail Food Service Operations		
SOS 327 Sustainable Food and Farms		
Pre Dietetics Focus Area		
BCH 361 Advanced Principles of Biochemistry		
CHM 231 Elementary Organic Chemistry (SCIT) **AND** CHM 235 Elementary Organic Chemistry Laboratory (SCIT)		
CHS 260 Health Professions Terminology		
BIO 202 Human Anatomy and Physiology II (SCIT) **or** MIC 205 Microbiology (SCIT) **AND** MIC 206		

Requirement	Minimum Grade	Credit Hours
Microbiology Laboratory (SCIT)		
NTR 343 Food Service Purchasing		
NTR 445 Management of Food Service Systems		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Applied Nutrition and Health, BS students by the required NTR 448: Community Nutrition course. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.		

Foundational Courses

BIO 160 Introduction to Anatomy and Physiology (SCIT) OR **BIO 201 Human Anatomy and Physiology I (SCIT)**	C	4
BIO 202 Human Anatomy and Physiology II (SCIT) OR **MIC 205 Microbiology (SCIT)** **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
CHM 101 Introductory Chemistry (SCIT)	C	4
HCD 300 Biostatistics (QTRS) OR **STP 226 Elements of Statistics (QTRS)**	C	3

HSC 210 Cultural Aspects of Health (GCSI)	C	3
MAT 114 College Mathematics (MATH) OR **MAT 117 College Algebra (MATH)**	C	3
NTR 241 Human Nutrition	C	3
NTR 290 Introduction to Evidence-Based Research in Nutrition	C	3
Students following the Community Nutrition Focus Area should take BIO 201 and BIO 202 toward the Foundation Courses requirements.		
Students following the Food Service Operations Focus Area should take BIO 160 and MIC 205 & MIC 206 toward the Foundation Courses requirements.		
Students following the Pre Dietetics Focus Area should take MAT 117, BIO 201 and BIO 202 toward the Foundation Courses requirements.		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students following the Pre Dietetics Focus Area will be eligible to apply to a graduate program in Dietetics which integrates the required coursework and experiential learning to prepare students for the Registered Dietitian (RD) exam. Upon passing the RD Exam, graduates can work as Registered Dietitian Nutritionists (RDN). For more information about institutions that offer a graduate program in Dietetics, please visit: https://www.eatrightpro.org/acend/accredited-programs/program-directory and search for *Graduate Programs* which are available in several states and online.

The Pre Dietetics Focus Area requires both BIO 202 and MIC 205/206. BIO 202 should be completed before MIC 205/206.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources,

including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Applied Nutrition and Health), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: College of Health Solutions
Plan Code: ECNTRBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
HSC 310 Health Communication	C	3
HSC 355 Eating for Lifelong Health (SOBE) OR NTR 450 Nutrition in the Life Cycle (SOBE)	C	3
MGT 380 Management and Strategy	C	3
NTR 100 Introduction to Nutrition Science OR NTR 241 Human Nutrition	C	3
NTR 343 Food Service Purchasing	C	3
NTR 344 Nutrition Management and Leadership	C	3
NTR 348 Cultural Aspects of Food (GCSI)	C	3
NTR 445 Management of Food Service Systems	C	4
NTR 448 Community Nutrition	C	3
Upper Division Major Electives	C	9

Requirement	Minimum Grade	Credit Hours
BCH 361 Advanced Principles of Biochemistry		
CIS 300 Web Design and Development		
MKT 390 Essentials of Marketing or MKT 391 Essentials of Selling or MKT 395 Essentials of Advertising and Marketing Communication		
NTR 341 Medical Nutrition Therapy I		
NTR 345 Development of Healthy Cuisines		
NTR 350 Nutrition Counseling		
NTR 455 Retail Food Service Operations		
Major Electives	C	6
BCH 361 Advanced Principles of Biochemistry		
BIO 201 Human Anatomy and Physiology I (SCIT)		
BIO 202 Human Anatomy and Physiology II (SCIT)		
CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT)		
CHS 260 Health Professions Terminology		
CIS 300 Web Design and Development		
MIC 205 Microbiology (SCIT) AND MIC 206 Microbiology Laboratory (SCIT)		
MKT 390 Essentials of Marketing or MKT 391 Essentials of Selling or MKT 395 Essentials of		

Requirement	Minimum Grade	Credit Hours
Advertising and Marketing Communication		
NTR 290 Introduction to Evidence-Based Research in Nutrition		
NTR 341 Medical Nutrition Therapy I		
NTR 345 Development of Healthy Cuisines		
NTR 350 Nutrition Counseling		
NTR 455 Retail Food Service Operations		
PSY 101 Introduction to Psychology (SOBE)		

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.

Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.

AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students interested in pursuing a graduate program in dietetics should meet with their academic advisor to select appropriate coursework.
For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.
Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.
Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Health Sciences), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: College of Health Solutions
Plan Code: NUHSCBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
CHS 340 Health Theory	C	3
EXW 302 Fundamentals of Wellness OR **HEP 100 Introduction to Health and Wellness (SOBE)**	C	3
EXW 450 Social Drivers of Health (CIVI)	C	3
HCD 303 Global Health Care Systems (GCSI)	C	3
HCD 330 Health Care Systems in the U.S. (CIVI)	C	3
HCD 400 Evidence Odyssey: Decoding Peer-Reviewed Research for Future Practice	C	3
HCD 420 Population Health Management	C	3
HSC 310 Health Communication	C	3
HSC 432 Legal Issues in Health Care	C	3
MED 300 Historical and Contemporary Issues in Health	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
MED 450 Leadership and Professionalism	C	3
Upper Division Major Electives		
Health Sciences	C	9
HCD 302 Health Care Management		
HCD 332 Population Health Policy and Legislation		
HSC 300 Complementary Health Care		
HSC 410 Supporting the Health of Older Adults		
HSC 412 Health Issues in Later Life		
MED 417 Impact of Violence on Health		
PBH 422 Health Disparities and Access to Health		
Emergency Medical Services		
PAF 360 Emergency Management I		
PAF 363 Technology in Emergency Management		
PAF 424 Emergency Management II		
Behavioral and Mental Health		
HEP 350 Substance Use and Addictive Behaviors		
HEP 380 Body Image and Wellness		
PBH 410 Public Mental Health		
PSY 366 Psychological Disorders (SOBE)		

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.	
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.	
AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq	
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr	
Mathematics Placement Assessment score determines placement in first mathematics course.	
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.	
For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.	
Students interested in pursuing health-related professional and graduate programs should explore pre-health resources,	

including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Medical Laboratory Science), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: College of Health Solutions
Plan Code: NUMLSBAS
Minimum credit hours: 120
Upper division minimum credit hours: 30

Requirement	Minimum Grade	Credit Hours
Major Courses		
MDL 410 Laboratory Leadership	C	1
MDL 420 Advanced Clinical Urinalysis and Body Fluids	C	2
MDL 421 Advanced Practicum in Clinical Urinalysis and Body Fluids	C	1
MDL 430 Advanced Hematology and Hemostasis	C	3
MDL 431 Advanced Practicum in Hematology and Hemostasis	C	1
MDL 440 Advanced Immunohematology and Immunology	C	3
MDL 441 Advanced Practicum in Immunohematology and Immunology	C	2
MDL 450 Advanced Clinical Microbiology	C	3
MDL 451 Advanced Practicum: Clinical Microbiology	C	1
MDL 460 Advanced Clinical Chemistry	C	3

Requirement	Minimum Grade	Credit Hours
MDL 461 Advanced Practicum: Clinical Chemistry	C	1
Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.		
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.		
AAS Transfer Degree Block of Credit Hours		90

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
For additional program resources, including the program handbook, visit: https://chs.asu.edu/bachelors-degrees/majorinfo/NUMLSBAS/undergrad/false/91407.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biomedical Informatics and Data Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: ESBMIBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
BMI 102 Introduction to Population Health Informatics	C	3
BMI 201 Introduction to Clinical Informatics	C	3
BMI 211 Clinical Decision Analysis	C	3
BMI 221 Knowledge Representation for Biomedical Informatics	C	3
BMI 311 Biomedical Artificial Intelligence	C	3
BMI 312 Health Data Mining	C	3
BMI 330 Topics in Translational Bioinformatics	C	3
BMI 404 Clinical Environments This course requires in-person observations within local health clinics. To conduct clinical observations, students must meet additional requirements prior to course enrollment, which typically include proof of vaccination, fingerprint clearance and/or background check, and a drug test.	C	3

Requirement	Minimum Grade	Credit Hours
BMI 410 Database Management in Health Care	C	3
BMI 461 Advanced Topics in Biomedical Informatics I	C	3
BMI 465 Comparative Genomics	C	3
BMI 482 Capstone I OR **CHS 492 Honors Directed Study**	C	3
BMI 483 Capstone II OR **CHS 493 Honors Thesis** BMI 483 and CHS 493 fulfill the College of Health Solutions Experiential Learning requirement.	C	3
Computer Science Courses		
BMI 110 Introduction to Python	C	3
BMI 210 Data Structures and Algorithms in Python	C	3
BMI 310 Health App Development	C	3
BMI 440 Biomedical Software Engineering	C	3
College of Health Solutions Requirements		
CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students must take CHS 100; students who enter with more than 30 credits must take CHS 300 instead.	C	3
College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled		

for Biomedical Informatics, BS students by BMI 483 or CHS 493. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
CHM 101 Introductory Chemistry (SCIT) OR **CHM 113 General Chemistry I (SCIT)**	C	4
HCD 300 Biostatistics (QTRS) OR **STP 226 Elements of Statistics (QTRS)** OR **STP 231 Statistics for Life Science (QTRS)**	C	3
MAT 251 Calculus for Life Sciences (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Clinical Exercise Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: ECEXERBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
EXW 215 Resistance Training and Recovery Techniques	C	3
EXW 217 Cardiorespiratory and Flexibility Training	C	3
EXW 330 Kinesiological Foundations of Movement	C	4
EXW 344 Impact of Physical Activity on Health and Disease	C	3
EXW 420 Exercise Testing	C	4
EXW 427 Exercise Prescription for Cardiometabolic Health	C	3
EXW 484 Internship EXW 484 fulfills the College of Health Solutions Experiential Learning requirement.	C	3
KIN 101 Introduction to Kinesiology	C	3
KIN 290 Introduction to Evidence-Based Practice OR **NTR 290 Introduction to Evidence-Based Research in Nutrition**	C	3
KIN 352 Psychosocial Aspects of Physical Activity (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
KIN 447 ECG Interpretation	C	3
SSP 315 Exercise and Sport Physiology AND SSP 316 Exercise and Sport Physiology Laboratory	C	4
Upper Division Focus Area Courses	C	15
Exercise for Chronic and Neurological Conditions Focus Area		
CHS 400 Adaptive Exercise Program Practical Experience		
EXW 426 Exercise for Neuromuscular Conditions		
EXW 438 Obesity, Exercise and Health		
HEP 410 Obesity Perspectives and Prescriptions		
KIN 442 Fuel Metabolism		
KIN 443 Exercise Endocrinology		
KIN 444 Metabolic Adaptations to Exercise Training		
PRM 453 Inclusive Community Sport		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 384 Recreational Therapy Practicum		
Motor Control Focus Area		
KIN 345 Motor Behavior		
KIN 415 Theory of Corrective Exercise		
KIN 421 Human Motor Control		

Requirement	Minimum Grade	Credit Hours
KIN 422 Motor Control in Special Populations		
KIN 424 Neural Aspects of Movement and Rehabilitation		
Muscular Fitness and Performance Focus Area		
EXW 425 Exercise Prescription for Health and Wellness		
KIN 416 Low Back Pain: Muscles and Movement		
KIN 460 Theory of Strength Training		
KIN 465 Muscle Physiology		
SSP 454 Sports Medicine		
Nutrition for Health and Performance Focus Area		
HSC 355 Eating for Lifelong Health (SOBE)		
NTR 345 Development of Healthy Cuisines		
NTR 353 The Western Diet		
NTR 457 Sports Nutrition		
NTR 448 Community Nutrition		
NTR 450 Nutrition in the Life Cycle (SOBE)		
Physical Activity Psychology Focus Area		
EXW 400 Stress Management for Wellness		
HEP 361 Digital Health Communication and Education		
KIN 348 Psychological Skills for Optimal Performance (SOBE)		

Requirement	Minimum Grade	Credit Hours
KIN 450 Biopsychosocial Perspectives on Physical Activity and Health **KIN 452 Exercise Psychology (SOBE)** **KIN 454 Motivational Theory in Exercise and Health** Students may select courses from any combination of the focus area lists to expand their knowledge in different areas. The lists are separated into several categories that span the field of exercise and health optimization.		
Students may apply up to 6 additional credits of EXW 484: Internship toward the Focus Area requirement. Completions beyond 9 credit hours will apply toward university electives.		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Clinical Exercise Science, BS students by the required EXW 484: Internship course. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.		

Foundational Courses

BIO 201 Human Anatomy and Physiology I (SCIT)	C	4

BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 101 Introductory Chemistry (SCIT) OR **CHM 113 General Chemistry I (SCIT)**	C	4
HCD 300 Biostatistics (QTRS) OR **PSY 230 Introduction to Statistics (QTRS)** OR **STP 226 Elements of Statistics (QTRS)** OR **STP 231 Statistics for Life Science (QTRS)**	C	3
MAT 117 College Algebra (MATH) OR **MAT 170 Precalculus (MATH)**	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

Students interested in Physical Therapy school are recommended to take MAT 170 and CHM 113 toward the Foundation Courses requirements and to complete CHM 116 as one of their university electives.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Dietetics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHDIETCSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
HSC 310 Health Communication	C	3
NTR 142 Applied Food Principles	C	3
NTR 150 Introduction to the Professions in Nutrition and Dietetics	C	1
NTR 341 Medical Nutrition Therapy I **AND** NTR 342 Medical Nutrition Therapy Lab	C	4
NTR 343 Food Service Purchasing	C	3
NTR 344 Nutrition Management and Leadership	C	3
NTR 350 Nutrition Counseling	C	3
NTR 400 Preprofessional Preparation in Dietetics	C	1
NTR 440 Advanced Human Nutrition I	C	3
NTR 441 Advanced Human Nutrition II	C	3
NTR 444 Medical Nutrition Therapy II	C	3

Requirement	Minimum Grade	Credit Hours
NTR 445 Management of Food Service Systems	C	4
NTR 446 Medical Nutrition Therapy III	C	3
NTR 448 Community Nutrition NTR 448 fulfills the College of Health Solutions Experiential Learning requirement.	C	3
NTR 450 Nutrition in the Life Cycle (SOBE)	C	3

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Dietetics, BS students by the required NTR 448 course. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.		

Foundational Courses

BCH 361 Advanced Principles of Biochemistry	C	3
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 101 Introductory Chemistry (SCIT)	C	4

CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT)	C	4
CHS 260 Health Professions Terminology	C	3
HCD 300 Biostatistics (QTRS) **OR SOC 390 Social Statistics I (QTRS)** **OR STP 226 Elements of Statistics (QTRS)**	C	3
MAT 117 College Algebra (MATH)	C	3
MIC 205 Microbiology (SCIT) AND MIC 206 Microbiology Laboratory (SCIT)	C	4
NTR 241 Human Nutrition	C	3
NTR 290 Introduction to Evidence-Based Research in Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

In order to be competitive for a dietetic internship to earn the Registered Dietitian (RD) credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.0 or higher.

The Commission on Dietetic Registration (CDR) requires a minimum of a master's degree in any field of study to be eligible to take the credentialing exam to become a registered dietitian nutritionist (RDN). In addition, CDR requires that individuals complete coursework and supervised practice in program(s) accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). In most states, graduates also must obtain licensure or certification to practice.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Health Care Administration and Policy, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHHCDBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
HCD 201 Economics for Health Majors	C	3
HCD 302 Health Care Management	C	3
HCD 303 Global Health Care Systems (GCSI)	C	3
HCD 304 Health Care Finance	C	3
HCD 330 Health Care Systems in the U.S. (CIVI)	C	3
HCD 332 Population Health Policy and Legislation	C	3
HCD 402 Health Economics (SOBE)	C	3
HCD 403 Process Engineering	C	3
HCD 404 Advanced Concepts in Health Care Administration and Policy	C	3
HCD 420 Population Health Management	C	3
HSC 310 Health Communication	C	3

Requirement	Minimum Grade	Credit Hours
HSC 432 Legal Issues in Health Care	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
MED 450 Leadership and Professionalism	C	3
PBH 422 Health Disparities and Access to Health	C	3
Major Electives	C	6

- ASB 462 Medical Anthropology: Culture and Health (SOBE)
- HCD 400 Evidence Odyssey: Decoding Peer-Reviewed Research for Future Practice
- HCD 484 Internship
- HCI 421 Health Care Policy: The Innovator's View (CIVI)
- HCR 221 Foundational Concepts for Health Care Coordination
- HSC 300 Complementary Health Care
- MED 300 Historical and Contemporary Issues in Health
- MED 350 Health Care and Humanities
- MED 417 Impact of Violence on Health
- MGT 380 Management and Strategy
- MGT 420 Human Resource Management
- MKT 390 Essentials of Marketing
- OGL 300 Theory and Practice of Leadership

Requirement	Minimum Grade	Credit Hours
PAF 460 Public Service Ethics **PBH 410 Public Mental Health** **PBH 494 Topic: Global Sexual and Reproductive Health** **PMG 320 Project Approaches** Students may apply an internship toward the Major Elective requirements for a maximum of three credit hours. Additional completions beyond three credit hours will apply as upper division university electives.		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
Experiential Learning Course **CHS 280 Experiential Community Health and Research** **CHS 394 Topic: Facilitator Seminar** **CHS 484 Topic: Applied Health Experience** **CHS 484 Topic: Citizen Science in Health** **CHS 484 Topic: Translational Research** **CHS 493 Honors Thesis** **CHS 494 Topic: Undergraduate Research** **CHS 494 Topic: Undergraduate Teaching Assistant**	C	3

HCD 484 Internship

MED 325 Elements of Hospice and Palliative Care

MED 375 Alzheimer's and Other Dementias

MED 475 Palliative Care: Managing Complex Serious Illness

MED 494 Topic: Introduction to Clinical Healthcare

The list provided includes courses that are most relevant to the Health Care Administration and Policy, BS program. To view additional options, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

HCD 300 Biostatistics (QTRS)	C	3
HSC 210 Cultural Aspects of Health (GCSI)	C	3
MAT 117 College Algebra (MATH)	C	3
PHI 105 Intro to Ethics (HUAD)	C	3
POP 100 Introduction to Population Health	C	3
SOC 101 Introductory Sociology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students who use a Major Elective to fulfill the college Experiential Learning requirement will need to complete an additional three-credit upper-division elective.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources,

including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Health Sciences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHHSCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
HCD 300 Biostatistics (QTRS)	C	3
HCD 303 Global Health Care Systems (GCSI)	C	3
HCD 330 Health Care Systems in the U.S. (CIVI)	C	3
HCD 400 Evidence Odyssey: Decoding Peer-Reviewed Research for Future Practice	C	3
HSC 210 Cultural Aspects of Health (GCSI)	C	3
HSC 310 Health Communication	C	3
MED 300 Historical and Contemporary Issues in Health	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
MED 450 Leadership and Professionalism	C	3
Focus Area		

Requirement	Minimum Grade	Credit Hours
Focus Areas provide students an opportunity to focus their studies in a particular area of interest or expand their knowledge in various areas. Students must select at least three courses from a single focus area, and can then select from any combination of the focus areas to complete a total of 15 credit hours, of which at least 9 must be upper division.		
Upper Division Focus Area Courses	C	9
Community-based Health Outcomes Focus Area		
HCD 420 Population Health Management		
HEP 355 Population Health and Climate Change (SUST)		
HEP 466 Health Promotion Program Management and Administration		
MED 350 Health Care and Humanities		
MED 417 Impact of Violence on Health		
PBH 422 Health Disparities and Access to Health		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)		
SPA 406 Introduction to Spanish/English Medical Interpretation		
Health Legislation and Regulation Focus Area		
HCD 304 Health Care Finance		
HCD 332 Population Health Policy and Legislation		

Requirement	Minimum Grade	Credit Hours
HCD 402 Health Economics (SOBE)		
HCR 360 Data Security and Privacy in Health Care Compliance		
HCR 361 Risk Management in Health Care Compliance		
HSC 432 Legal Issues in Health Care		
PAF 340 Contemporary Policy Challenges		
Health and Media Focus Area		
HEP 361 Digital Health Communication and Education		
HEP 452 Health Advocacy in Health Education		
MCO 307 The Digital Audience		
MCO 375 Podcasting		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 427 Misinformation and Society		
NTR 453 Nutrition and the Media		
Integrative Care Focus Area		
CHS 340 Health Theory		
HSC 300 Complementary Health Care		
HSC 355 Eating for Lifelong Health (SOBE)		
HSC 410 Supporting the Health of Older Adults		

Requirement	Minimum Grade	Credit Hours
HSC 412 Health Issues in Later Life		
HSC 440 Health Coaching Concepts and Skills		
MED 445 Prevention and Management of Chronic Disease		
NTR 480 Integrative and Functional Nutrition		
PBH 494 Topic: Global Sexual and Reproductive Health		
Mental and Behavioral Health Focus Area		
EXW 400 Stress Management for Wellness		
HEP 350 Substance Use and Addictive Behaviors		
HEP 380 Body Image and Wellness		
HEP 443 Emotional Health and Interpersonal Relationships		
PBH 410 Public Mental Health		
PSY 366 Psychological Disorders (SOBE)		
Focus Area Courses	C	6
Community-based Health Outcomes Focus Area		
HCD 420 Population Health Management		
HEP 241 Health Education Methods for Injury Prevention and Preparedness		
HEP 355 Population Health and Climate Change (SUST)		

Requirement	Minimum Grade	Credit Hours
HEP 466 Health Promotion Program Management and Administration		
MED 350 Health Care and Humanities		
MED 417 Impact of Violence on Health		
PBH 422 Health Disparities and Access to Health		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)		
SPA 406 Introduction to Spanish/English Medical Interpretation		
Health Legislation and Regulation Focus Area		
HCD 201 Economics for Health Majors		
HCD 304 Health Care Finance		
HCD 332 Population Health Policy and Legislation		
HCD 402 Health Economics (SOBE)		
HCR 259 Compliance and the Health Care Industry		
HCR 264 Regulatory Essentials of Compliance Program Design		
HCR 360 Data Security and Privacy in Health Care Compliance		
HCR 361 Risk Management in Health Care Compliance		

Requirement	Minimum Grade	Credit Hours
HSC 432 Legal Issues in Health Care		
PAF 340 Contemporary Policy Challenges		
Health and Media Focus Area		
HEP 361 Digital Health Communication and Education		
HEP 452 Health Advocacy in Health Education		
MCO 307 The Digital Audience		
MCO 375 Podcasting		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 427 Misinformation and Society		
NTR 453 Nutrition and the Media		
Integrative Care Focus Area		
CHS 340 Health Theory		
HSC 300 Complementary Health Care		
HSC 355 Eating for Lifelong Health (SOBE)		
HSC 410 Supporting the Health of Older Adults		
HSC 412 Health Issues in Later Life		
HSC 440 Health Coaching Concepts and Skills		
MED 445 Prevention and Management of Chronic Disease		

Requirement	Minimum Grade	Credit Hours
NTR 480 Integrative and Functional Nutrition		
PBH 494 Topic: Global Sexual and Reproductive Health		
Mental and Behavioral Health Focus Area		
EXW 400 Stress Management for Wellness		
HEP 251 Preventing HIV and Substance Misuse		
HEP 350 Substance Use and Addictive Behaviors		
HEP 380 Body Image and Wellness		
HEP 443 Emotional Health and Interpersonal Relationships		
PBH 410 Public Mental Health		
PSY 366 Psychological Disorders (SOBE)		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
Experiential Learning Course	C	3
CHS 280 Experiential Community Health and Research		
CHS 394 Topic: Facilitator Seminar		
CHS 484 Topic: Applied Health Experience		

- CHS 484 Topic: Citizen Science in Health
- CHS 484 Topic: Translational Research
- CHS 493 Honors Thesis
- CHS 494 Topic: Undergraduate Research
- CHS 494 Topic: Undergraduate Teaching Assistant
- HEP 386 Assessing Strengths and Needs for Health Education and Promotion
- HSC 484 Internship
- MED 325 Elements of Hospice and Palliative Care
- MED 375 Alzheimer's and Other Dementias
- MED 475 Palliative Care: Managing Complex Serious Illness
- MED 484 Internship
- MED 494 Topic: Introduction to Clinical Healthcare

The list provided includes courses that are most relevant to the Health Sciences, BS program. To view additional options, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

HEP 102 Foundations of Health Education and Health Promotion OR NTR 100 Introduction to Nutrition Science OR POP 100 Introduction to Population Health	C	3
MAT 114 College Mathematics (MATH) OR MAT 117 College Algebra (MATH)	C	3

PSY 101 Introduction to Psychology (SOBE) OR **SOC 101 Introductory Sociology (SOBE)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students interested in the Health and Media focus area are encouraged to take at least two MCO courses offered by the Walter Cronkite School of Journalism and Mass Communication.

Students interested in taking SPA courses to fulfill focus area requirements should plan ahead to complete prerequisites or the appropriate placement exam. For more information on placement, connect with CISA advising at: https://cisa.asu.edu/advising.

Students who use a Focus Area course to fulfill the college Experiential Learning requirement will need to complete an additional three credit upper division elective.

Students may concurrently pursue the Health Sciences, BS program and the Mayo School of Health Sciences Echocardiography program. To pursue both programs, students must complete all prerequisite courses prior to matriculation to the 21 month professional program at Mayo. Students must be accepted into the Mayo program, which has limited slots for admission. For admission criteria and application process, visit: https://college.mayo.edu/academics/health-sciences-education/echocardiography-program-arizona-and-minnesota/. If a student is accepted for the program, completion requires the student to attend ASU to meet our remaining requirements in the summer prior to the beginning of the program. Students must work closely with their ASU academic advisor to make certain all prerequisites have been met. Upon successful completion of the Echocardiography curriculum at Mayo, the student must have the credits transferred back to ASU for acceptance as a block. At that time, the student may apply for graduation from ASU with the BS in Health Sciences.

For student resources, including academic advising appointment scheduling, forms and policies, internship

information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Health Sciences (Healthy Lifestyles and Fitness Science), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NUHSCHLCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
CHS 340 Health Theory	C	3
EXW 101 Foundations of Health and Fitness Science	C	3
EXW 335 Physical Activity and Physiological Concepts	C	3
EXW 344 Impact of Physical Activity on Health and Disease	C	3
EXW 400 Stress Management for Wellness OR HEP 443 Emotional Health and Interpersonal Relationships	C	3
HEP 350 Substance Use and Addictive Behaviors	C	3
HEP 361 Digital Health Communication and Education	C	3
HEP 466 Health Promotion Program Management and Administration	C	3
HSC 210 Cultural Aspects of Health (GCSI)	C	3

Requirement	Minimum Grade	Credit Hours
HSC 355 Eating for Lifelong Health (SOBE)	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3

Tracks

Students must select and complete at least one track. The track options are: Fitness Science, Health Education and Promotion, or Health and Wellness Coaching.

Upper Division Fitness Science Track Courses EXW 325 Fitness for Life EXW 425 Exercise Prescription for Health and Wellness HEP 380 Body Image and Wellness	C	9
OR **Upper Division Health Education and Promotion Track Courses** HEP 348 Methods of Health Education HEP 386 Assessing Strengths and Needs for Health Education and Promotion HEP 452 Health Advocacy in Health Education HEP 454 Health Promotion Program Planning and Implementation HEP 456 Health Promotion Program Evaluation		
OR **Upper Division Health and Wellness Coaching Track Courses**		

Requirement	Minimum Grade	Credit Hours
EXW 446 Worksite Wellness		
HEP 410 Obesity Perspectives and Prescriptions		
HSC 300 Complementary Health Care		
HSC 440 Health Coaching Concepts and Skills		
MED 445 Prevention and Management of Chronic Disease		
Fitness Science Track Courses	C	9
EXW 215 Resistance Training and Recovery Techniques		
EXW 217 Cardiorespiratory and Flexibility Training		
EXW 325 Fitness for Life		
EXW 425 Exercise Prescription for Health and Wellness		
HEP 380 Body Image and Wellness		
NTR 290 Introduction to Evidence-Based Research in Nutrition		
OR		
Health Education and Promotion Track Courses		
HEP 102 Foundations of Health Education and Health Promotion		
HEP 348 Methods of Health Education		
HEP 386 Assessing Strengths and Needs for Health Education and Promotion		

Requirement	Minimum Grade	Credit Hours
HEP 452 Health Advocacy in Health Education		
HEP 454 Health Promotion Program Planning and Implementation		
HEP 456 Health Promotion Program Evaluation		
OR Health and Wellness Coaching Track Courses		
EXW 446 Worksite Wellness		
HEP 410 Obesity Perspectives and Prescriptions		
HSC 300 Complementary Health Care		
HSC 440 Health Coaching Concepts and Skills		
MED 445 Prevention and Management of Chronic Disease		
NTR 290 Introduction to Evidence-Based Research in Nutrition		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR CHS 300 An Exploration of Well-Being (SOBE) First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
Experiential Learning Course	C	3
CHS 280 Experiential Community Health and Research		
CHS 394 Topic: Facilitator Seminar		

CHS 400 Adaptive Exercise Program Practical Experience

CHS 484 Topic: Applied Health Experience

CHS 484 Topic: Citizen Science in Health

CHS 484 Topic: Translational Research

CHS 493 Honors Thesis

CHS 494 Topic: Undergraduate Teaching Assistant

CHS 494 Topic: Undergraduate Research

HEP 386 Assessing Strengths and Needs for Health Education and Promotion

HSC 441 Applied Health Coaching Techniques

HSC 484 Internship

MED 325 Elements of Hospice and Palliative Care

MED 375 Alzheimer's and Other Dementias

MED 475 Palliative Care: Managing Complex Serious Illness

NTR 360 Nutrition Entrepreneurship

The list provided includes courses that are most relevant to the Health Sciences (Healthy Lifestyles and Fitness Science), BS program. To view additional options, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

BIO 160 Introduction to Anatomy and Physiology (SCIT)	C	4

CHM 101 Introductory Chemistry (SCIT)	C	4
HCD 300 Biostatistics (QTRS) OR **SOC 390 Social Statistics I (QTRS)** OR **STP 231 Statistics for Life Science (QTRS)**	C	3
MAT 114 College Mathematics (MATH) OR **MAT 117 College Algebra (MATH)**	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses.
https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must select and complete at least one track in Fitness Science, Health Education and Promotion, or Health and Wellness Coaching. Students may use electives to complete courses in multiple tracks, if they desire, in order to increase opportunities for certification.

Students who complete the Fitness Science track will be prepared to sit for the American College of Sports Medicine (ACSM) Certified Personal Trainer exam. For up to date certification requirements, visit: https://www.acsm.org/certification/get-certified/personal-trainer.

Students who complete the Health Education and Promotion track will be prepared to sit for the National Commission for Health Education Curriculum (NCHEC) Certified Health Education Specialist (CHES) exam. For up to date certification requirements, visit: https://www.nchec.org/.

Students who complete the Health and Wellness Coaching track will be prepared to sit for the American Council of Exercise (ACE) Certified Health Coach exam. For up to date certification requirements, visit: https://www.acefitness.org/fitness-certifications/health-coach-certification/default.aspx.

Students who complete the Health and Wellness Coaching track are positioned to additionally sit for the for the National Board of Health and Wellness Coaching (NBHWC) certification exam with the completion of minimal additional coursework. For up-to-date certification requirements, visit: https://nbhwc.org/. On-campus students interested in this certification are recommended to consider the Health and Wellness Coach certificate (https://degrees.apps.asu.edu/minors/major/ASU00/NHHWCCERT/health-and-wellness-coach).

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Public Health, BIPH

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of International Public Health, BIPH
College/School: College of Health Solutions
Plan Code: NHIPHBIPH
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
ASB 301 Global History of Health (HUAD)	C	3
ASB 462 Medical Anthropology: Culture and Health (SOBE)	C	3
HCD 201 Economics for Health Majors	C	3
HCD 300 Biostatistics (QTRS)	C	3
HCD 302 Health Care Management	C	3
HCD 303 Global Health Care Systems (GCSI)	C	3
HCD 332 Population Health Policy and Legislation	C	3
HCD 400 Evidence Odyssey: Decoding Peer-Reviewed Research for Future Practice	C	3
HEP 444 Epidemiology	C	3
HEP 466 Health Promotion Program Management and Administration	C	3
MED 300 Historical and Contemporary Issues in Health	C	3

Requirement	Minimum Grade	Credit Hours
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
MED 445 Prevention and Management of Chronic Disease	C	3
MED 450 Leadership and Professionalism	C	3
PBH 410 Public Mental Health	C	3
PBH 435 Environmental and Occupational Health	C	3

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR CHS 300 An Exploration of Well-Being (SOBE) First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
Experiential Learning Course CHS 280 Experiential Community Health and Research CHS 394 Topic: Facilitator Seminar CHS 484 Topic: Applied Health Experience CHS 484 Topic: Citizen Science in Health CHS 484 Internship CHS 484 Topic: Translational Research CHS 493 Honors Thesis CHS 494 Topic: Undergraduate Research CHS 494 Topic: Undergraduate Teaching Assistant	C	3

The list provided includes courses that are most relevant to the International Public Health BIPH program. To view additional options, visit: https://chs.asu.edu/current-students/experiential-learning

Foundational Courses

ASB 100 Introduction to Global Health (GCSI)	C	3
BIO 100 The Living World (SCIT)	C	4
BIO 160 Introduction to Anatomy and Physiology (SCIT)	C	4
HSC 210 Cultural Aspects of Health (GCSI)	C	3
MAT 114 College Mathematics (MATH) OR **MAT 117 College Algebra (MATH)**	C	3
POP 100 Introduction to Population Health	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Kinesiology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NUKINBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
KIN 101 Introduction to Kinesiology	B-	3
KIN 290 Introduction to Evidence-Based Practice	C	3
KIN 334 Functional Anatomy and Kinesiology	C	3
KIN 335 Biomechanics	C	3
KIN 340 Physiology of Exercise	C	3
KIN 345 Motor Behavior	C	3
KIN 352 Psychosocial Aspects of Physical Activity (SOBE)	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3
Upper Division Major Electives	C	21
CHS 394 Topic: Facilitator Seminar		
CHS 400 Adaptive Exercise Program Practical Experience		

Requirement	Minimum Grade	Credit Hours
CHS 492 Honors Directed Study		
CHS 493 Honors Thesis		
CHS 494 Topic: Undergraduate Research		
CHS 494 Topic: Undergraduate Teaching Assistant		
CHS 499 Individualized Instruction		
EXW 426 Exercise for Neuromuscular Conditions		
EXW 427 Exercise Prescription for Cardiometabolic Health		
EXW 438 Obesity, Exercise and Health		
KIN 348 Psychological Skills for Optimal Performance (SOBE)		
KIN 412 Biomechanics of the Skeletal System		
KIN 415 Theory of Corrective Exercise		
KIN 416 Low Back Pain: Muscles and Movement		
KIN 418 Experimental Neuromechanics		
KIN 422 Motor Control in Special Populations		
KIN 424 Neural Aspects of Movement and Rehabilitation		
KIN 440 Exercise Biochemistry		
KIN 441 Physiology of Women in Sport		
KIN 442 Fuel Metabolism		

Requirement	Minimum Grade	Credit Hours
KIN 443 Exercise Endocrinology		
KIN 444 Metabolic Adaptations to Exercise Training		
KIN 447 ECG Interpretation		
KIN 450 Biopsychosocial Perspectives on Physical Activity and Health		
KIN 452 Exercise Psychology (SOBE)		
KIN 454 Motivational Theory in Exercise and Health		
KIN 460 Theory of Strength Training		
KIN 465 Muscle Physiology		
KIN 466 Cardiovascular Exercise Physiology		
KIN 484 Internship		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 384 Recreational Therapy Practicum		
SSP 316 Exercise and Sport Physiology Laboratory		
SSP 454 Sports Medicine		

Students can apply the CHS 394: Facilitator Seminar and CHS 494: Undergraduate Teaching Assistant courses toward the Major Elective requirement for a maximum of six credits total. Additional completions beyond six credits will apply as upper-division electives. Students can apply internship, honors study/thesis, and individualized instruction courses toward the Major Electives requirement for a maximum of six credits total. Additional completions beyond six credits will apply as upper-division electives.

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3

Experiential Learning Course

CHS 280 Experiential Community Health and Research **CHS 394 Topic: Facilitator Seminar** **CHS 400 Adaptive Exercise Program Practical Experience** **CHS 484 Topic: Applied Health Experience** **CHS 484 Topic: Citizen Science in Health** **CHS 484 Topic: Translational Research** **CHS 493 Honors Thesis** **CHS 494 Topic: Undergraduate Research** **CHS 494 Topic: Undergraduate Teaching Assistant** **KIN 484 Internship** **MED 494 Topic: Introduction to Clinical Healthcare**	C	3

The list provided includes courses that are most relevant to the Kinesiology, BS program. To view additional options, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I** **OR** **MIC 205 Microbiology (SCIT)** **AND** **MIC 206 Microbiology Laboratory (SCIT)** **OR** **PHY 112 General Physics (SCIT)** **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4

ASU Online students interested in taking CHM 233 and CHM 237 toward the Foundational Courses requirement should note that CHM 237 lab requires hands-on experiments, which are conducted at the ASU Tempe campus during a one-week summer session. Lab reports will be completed in the weeks following the in-person session.

Enrolling in summer classes may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

HCD 300 Biostatistics (QTRS) **OR** **PSY 230 Introduction to Statistics (QTRS)**	C	3

OR **STP 226 Elements of Statistics (QTRS)**		
MAT 170 Precalculus (MATH)	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PSY 101 Introduction to Psychology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students who use a Major Elective to fulfill the college Experiential Learning requirement will need to complete an additional three-credit upper-division elective.
For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.
Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.
Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Medical Studies, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHMEDBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I**	C	4
CHM 234 General Organic Chemistry II **AND** **CHM 238 General Organic Chemistry Laboratory II**	C	4

ASU Online students will complete CHM 237 and CHM 238 organic chemistry laboratories during summer sessions. For each lab course, the hands-on experiments will be conducted at the ASU Tempe campus during a one-week session and lab

Requirement	Minimum Grade	Credit Hours
reports will be completed in the weeks following the in-person session. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.		
HCD 300 Biostatistics (QTRS)	C	3
HCD 303 Global Health Care Systems (GCSI)	C	3
HCD 330 Health Care Systems in the U.S. (CIVI)	C	3
HSC 210 Cultural Aspects of Health (GCSI)	C	3
HSC 310 Health Communication	C	3
MED 300 Historical and Contemporary Issues in Health	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
MED 450 Leadership and Professionalism	C	3
CHS 484 Topic: Applied Health Experience OR **CHS 484 Topic: Citizen Science in Health** OR **CHS 484 Topic: Translational Research** OR **CHS 493 Honors Thesis** OR **CHS 494 Topic: Undergraduate Research** OR **HSC 484 Internship** OR **MED 484 Internship** OR **MED 494 Topic: Introduction to Clinical Healthcare**	C	3

Requirement	Minimum Grade	Credit Hours
Courses in the requirement above (CHS 484, CHS 493, CHS 494, HSC 484, MED 484, or MED 494) fulfill the College of Health Solutions Experiential Learning requirement.		
Upper Division Breadth Electives	C	9
ABS 311 Molecular and Cellular Biology		
ABS 422 Head and Neck Anatomy		
BCH 361 Advanced Principles of Biochemistry		
BCH 367 Elementary Biochemistry Laboratory		
BCH 371 Modern Concepts in Biochemistry		
BCH 372 Modern Concepts in Biochemistry Laboratory		
BIO 353 Cell Biology		
BIO 355 Introduction to Computational Molecular Biology		
BIO 360 Animal Physiology		
BIO 420 Immunology: Molecular and Cellular Foundations		
BIO 475 Advanced Human Anatomy		
CHS 340 Health Theory		
HCD 302 Health Care Management		
HCD 304 Health Care Finance		
HCD 332 Population Health Policy and Legislation		
HCD 420 Population Health Management		

Requirement	Minimum Grade	Credit Hours
HSC 410 Supporting the Health of Older Adults		
HSC 412 Health Issues in Later Life		
400-Level LSC Elective		
MED 325 Elements of Hospice and Palliative Care		
MED 350 Health Care and Humanities		
MED 375 Alzheimer's and Other Dementias		
MED 394 Topic: Preparing for Medical School		
MED 417 Impact of Violence on Health		
MED 445 Prevention and Management of Chronic Disease		
MED 475 Palliative Care: Managing Complex Serious Illness		
MED 484 Internship		
NTR 390 Current Nutrition Research		
NTR 480 Integrative and Functional Nutrition		
NTR 490 Undergraduate Research Methods in Nutrition		
PBH 410 Public Mental Health		
PBH 422 Health Disparities and Access to Health		
Students who plan to apply to medical school are strongly recommended to complete an upper division biochemistry course with lab.		

Requirement	Minimum Grade	Credit Hours
Preprofessional Courses		
Preprofessional Courses	C	11
Dentistry Courses		
MIC 205 Microbiology (SCIT) AND MIC 206 Microbiology Laboratory (SCIT)		
PHY 111 General Physics (SCIT) AND PHY 113 General Physics Laboratory (SCIT)		
PHY 112 General Physics (SCIT) AND PHY 114 General Physics Laboratory (SCIT)		
Integrative Health (ND/NMD/DC) Courses		
BIO 340 General Genetics or LSC 347 Fundamentals of Genetics AND LSC 348 Fundamentals of Genetics Laboratory		
HSC 300 Complementary Health Care		
MIC 205 Microbiology (SCIT) AND MIC 206 Microbiology Laboratory (SCIT)		
PSY 341 Developmental Psychology (SOBE)		
Medicine (MD/DO) Courses		
BIO 340 General Genetics or LSC 347 Fundamentals of Genetics AND LSC 348 Fundamentals of Genetics Laboratory		
MAT 251 Calculus for Life Sciences (MATH)		

Requirement	Minimum Grade	Credit Hours
MIC 205 Microbiology (SCIT) AND MIC 206 Microbiology Laboratory (SCIT)		
PHY 111 General Physics (SCIT) AND PHY 113 General Physics Laboratory (SCIT)		
PHY 112 General Physics (SCIT) AND PHY 114 General Physics Laboratory (SCIT)		
Occupational Therapy Courses		
CHS 260 Health Professions Terminology		
PSY 341 Developmental Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
SOC 400 Perspectives on Aging or SOC 410 Race, Medicine, and the Body or SOC 418 Aging and the Life Course (SOBE) or SOC 424 Women and Health (SOBE) or SOC 426 Social Inequalities (CIVI) or SOC 427 Sociology of Health and Illness (SOBE)		
Optometry Courses		
MAT 251 Calculus for Life Sciences (MATH)		
MIC 205 Microbiology (SCIT) AND MIC 206 Microbiology Laboratory (SCIT)		
PHY 111 General Physics (SCIT) AND PHY 113 General Physics Laboratory (SCIT)		
PHY 112 General Physics (SCIT) AND PHY 114 General Physics Laboratory (SCIT)		

Requirement	Minimum Grade	Credit Hours
Pharmacy Courses		
COM 225 Public Speaking and Presentations (CIVI)		
MAT 251 Calculus for Life Sciences (MATH)		
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**		
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**		
Physician Assistant (PA) Courses		
BIO 340 General Genetics **or** **LSC 347 Fundamentals of Genetics** **AND** **LSC 348 Fundamentals of Genetics Laboratory**		
CHS 260 Health Professions Terminology		
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**		

Students customize the Medical Studies degree by following the preprofessional course list that aligns with their planned health career path. A minimum of 11 credit hours of preprofessional coursework is required, though more may be needed depending on the selected course list and the requirements of the health graduate programs to which the student intends to apply.

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE)	C	3
OR **CHS 300 An Exploration of Well-Being (SOBE)**		

First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.

College of Health Solutions students must complete three credits of Experiential Learning coursework. This requirement is fulfilled for Medical Studies, BS students by a course within the major. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

CDE 232 Human Development (SOBE) OR **COM 100 Introduction to Human Communication (SOBE)** OR **ECN 211 Macroeconomic Principles (SOBE)** OR **SOC 101 Introductory Sociology (SOBE)**	C	3

Students should select the course from this list that aligns with their desired health professions program. For more information, current students can check their graduation audit (DARS): https://goto.asuonline.asu.edu/dars/.

MAT 170 Precalculus (MATH)	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students	1

First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Nutritional Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHNUSCIBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
CHS 494 Topic: Capstone Capstone fulfills the College of Health Solutions Experiential Learning requirement.	C	3
HSC 300 Complementary Health Care	C	3
HSC 310 Health Communication	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
NTR 142 Applied Food Principles	C	3
NTR 341 Medical Nutrition Therapy I	C	3
NTR 440 Advanced Human Nutrition I	C	3
NTR 441 Advanced Human Nutrition II	C	3
NTR 450 Nutrition in the Life Cycle (SOBE)	C	3
NTR 480 Integrative and Functional Nutrition	C	3

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Nutritional Science, BS students by the required CHS 494: Capstone course. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.		

Foundational Courses

BCH 361 Advanced Principles of Biochemistry	C	3
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 101 Introductory Chemistry (SCIT) OR **CHM 113 General Chemistry I (SCIT)**	C	4
CHM 231 Elementary Organic Chemistry (SCIT) AND **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** Students interested in a health professions program that requires 8 credit hours of organic chemistry should see their academic advisor before enrolling in CHM 231 and CHM 235.	C	4
CHS 260 Health Professions Terminology	C	3
HCD 300 Biostatistics (QTRS) OR **STP 226 Elements of Statistics (QTRS)**	C	3

OR **STP 231 Statistics for Life Science (QTRS)**		
MAT 117 College Algebra (MATH) OR **MAT 170 Precalculus (MATH)**	C	3
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
NTR 241 Human Nutrition	C	3
NTR 290 Introduction to Evidence-Based Research in Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

Students interested in graduate school or a health professions program are recommended to take CHM 113 and MAT 170 toward the Foundational Courses requirements.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Population Health, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHPOPHLBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
BMI 102 Introduction to Population Health Informatics	C	3
CHS 280 Experiential Community Health and Research This course fulfills the College of Health Solutions Experiential Learning requirement.	C	3
CHS 340 Health Theory	C	3
EXW 450 Social Drivers of Health (CIVI)	C	3
HCD 201 Economics for Health Majors OR **ECN 211 Macroeconomic Principles (SOBE)** OR **ECN 212 Microeconomic Principles (SOBE)**	C	3
HCD 300 Biostatistics (QTRS)	C	3
HCD 332 Population Health Policy and Legislation	C	3
HCD 402 Health Economics (SOBE)	C	3
HEP 444 Epidemiology	C	3

Requirement	Minimum Grade	Credit Hours
HSC 310 Health Communication	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)	C	3
MED 445 Prevention and Management of Chronic Disease	C	3
PBH 422 Health Disparities and Access to Health	C	3
POP 100 Introduction to Population Health	C	3
POP 333 Systems Thinking in Population Health	C	3
Upper Division Experiential Learning Course		
CHS 394 Topic: Facilitator Seminar	C	6
CHS 484 Topic: Applied Health Experience		
CHS 484 Topic: Citizen Science in Health		
CHS 484 Topic: Translational Research		
CHS 493 Honors Thesis		
CHS 494 Topic: Undergraduate Research		
CHS 494 Topic: Undergraduate Teaching Assistant		
MED 325 Elements of Hospice and Palliative Care		
MED 375 Alzheimer's and Other Dementias		
MED 475 Palliative Care: Managing Complex Serious Illness		
POP 444 Population Health Field Experience		

Requirement	Minimum Grade	Credit Hours

Tracks

Students must select and follow a single track to complete a total of 18 credit hours, at least 6 of which must be upper division.

Upper Division Environmental Systems Track Courses	C	6
HEP 355 Population Health and Climate Change (SUST)		
HST 345 Environmental History (SUST)		
PAF 340 Contemporary Policy Challenges		
PBH 435 Environmental and Occupational Health		
PHI 310 Environmental Ethics (SUST)		
PUP 301 Introduction to Urban Planning		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOS 494 Topic: Social-ecological Systems & Adaptation		
OR **Upper Division Food Systems Track Courses**		
AGB 414 Food and Agribusiness Policy Issues		
ASB 300 Food and Culture (SOBE)		
MCO 494 Topic: Food and Media		
NTR 348 Cultural Aspects of Food (GCSI)		
PAF 340 Contemporary Policy Challenges		

Requirement	Minimum Grade	Credit Hours
SOS 327 Sustainable Food and Farms		
OR		
Upper Division Health Care Compliance and Regulations Track Courses		
HCR 360 Data Security and Privacy in Health Care Compliance		
HCR 362 Monitoring and Auditing for Health Care Compliance		
HCR 460 Investigations and Disclosures in Health Care Compliance		
HSC 432 Legal Issues in Health Care		
OR **Upper Division Health Education Specialist Track Courses**		
HEP 348 Methods of Health Education		
HEP 452 Health Advocacy in Health Education		
HEP 454 Health Promotion Program Planning and Implementation		
HEP 456 Health Promotion Program Evaluation		
HEP 466 Health Promotion Program Management and Administration		
OR **Upper Division Health Informatics Track Courses**		
BMI 311 Biomedical Artificial Intelligence		

Requirement	Minimum Grade	Credit Hours
BMI 312 Health Data Mining		
BMI 410 Database Management in Health Care		
OR		
Upper Division Health Systems Design and Improvement Track Courses		
HCD 304 Health Care Finance		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 403 Process Engineering		
HCD 420 Population Health Management		
HEP 454 Health Promotion Program Planning and Implementation		
HSC 432 Legal Issues in Health Care		
SOC 427 Sociology of Health and Illness (SOBE)		
OR		
Upper Division Mental Health Systems Track Courses		
EXW 400 Stress Management for Wellness		
HCD 420 Population Health Management		
HEP 350 Substance Use and Addictive Behaviors		
HEP 443 Emotional Health and Interpersonal Relationships		
MED 417 Impact of Violence on Health		
PAF 340 Contemporary Policy Challenges		

Requirement	Minimum Grade	Credit Hours
PBH 410 Public Mental Health		
Environmental Systems Track Courses	C	12
HEP 355 Population Health and Climate Change (SUST)		
HST 345 Environmental History (SUST)		
PAF 340 Contemporary Policy Challenges		
PBH 435 Environmental and Occupational Health		
PHI 310 Environmental Ethics (SUST)		
PUP 301 Introduction to Urban Planning		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SOS 494 Topic: Social-ecological Systems & Adaptation		
OR **Food Systems Track Courses**		
AGB 414 Food and Agribusiness Policy Issues		
ASB 300 Food and Culture (SOBE)		
MCO 494 Topic: Food and Media		
NTR 348 Cultural Aspects of Food (GCSI)		
PAF 340 Contemporary Policy Challenges		
SOS 110 Building a Sustainable World (SUST) **or** SOS 111 Sustainable Cities (SUST)		

Requirement	Minimum Grade	Credit Hours
SOS 327 Sustainable Food and Farms		
OR Health Care Compliance and Regulations Track Courses		
HCR 259 Compliance and the Health Care Industry		
HCR 263 Introduction to Medical Billing and Compliance		
HCR 360 Data Security and Privacy in Health Care Compliance		
HCR 362 Monitoring and Auditing for Health Care Compliance		
HCR 460 Investigations and Disclosures in Health Care Compliance		
HSC 432 Legal Issues in Health Care		
OR Health Education Specialist Track Courses		
HEP 241 Health Education Methods for Injury Prevention and Preparedness or HEP 251 Preventing HIV and Substance Misuse or HEP 303 Human Sexuality for Health Education or HEP 361 Digital Health Communication and Education or HEP 371 Conflict Management and Mediation and Violence Prevention or HEP 380 Body Image and Wellness or HEP 443 Emotional Health and Interpersonal Relationships or HEP 476 Community Health		
HEP 348 Methods of Health Education		

Requirement	Minimum Grade	Credit Hours
HEP 452 Health Advocacy in Health Education		
HEP 454 Health Promotion Program Planning and Implementation		
HEP 456 Health Promotion Program Evaluation		
HEP 466 Health Promotion Program Management and Administration		
OR Health Informatics Track Courses		
ASM 201 Epidemics and Outbreaks		
BMI 311 Biomedical Artificial Intelligence		
BMI 312 Health Data Mining		
BMI 410 Database Management in Health Care		
GIS 205 Geographic Information Science I (QTRS)		
GIS 211 Geographic Information Science II (QTRS)		
OR Health Systems Design and Improvement Track Courses		
HCD 304 Health Care Finance		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 403 Process Engineering		
HCD 420 Population Health Management		
HEP 454 Health Promotion Program Planning and Implementation		

Requirement	Minimum Grade	Credit Hours
HSC 432 Legal Issues in Health Care		
SOC 427 Sociology of Health and Illness (SOBE)		
OR **Mental Health Systems Track Courses**		
EXW 400 Stress Management for Wellness		
HCD 420 Population Health Management		
HEP 350 Substance Use and Addictive Behaviors		
HEP 443 Emotional Health and Interpersonal Relationships		
MED 417 Impact of Violence on Health		
PAF 340 Contemporary Policy Challenges		
PBH 410 Public Mental Health		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3

College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Population Health, BS students by a course within the major. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
MAT 117 College Algebra (MATH)	C	3
SOC 101 Introductory Sociology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Health, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHPBHBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
CHS 340 Health Theory	C	3
EXW 450 Social Drivers of Health (CIVI)	C	3
HCD 300 Biostatistics (QTRS)	C	3
HCD 332 Population Health Policy and Legislation	C	3
HCD 400 Evidence Odyssey: Decoding Peer-Reviewed Research for Future Practice	C	3
HEP 102 Foundations of Health Education and Health Promotion	C	3
HEP 361 Digital Health Communication and Education	C	3
HEP 444 Epidemiology	C	3
HEP 454 Health Promotion Program Planning and Implementation	C	3
HSC 210 Cultural Aspects of Health (GCSI)	C	3

Requirement	Minimum Grade	Credit Hours
PBH 435 Environmental and Occupational Health	C	3
POP 100 Introduction to Population Health	C	3
POP 444 Population Health Field Experience This course fulfills the College of Health Solutions Experiential Learning requirement.	C	3
Upper Division Major Electives	C	9

- **ASB 305 Poverty and Global Health (CIVI)**
- **ASB 376 Global Health Policy**
- **ASB 457 Global Mental Health (GCSI)**
- **CHS 494 Topic: College of Health Solutions GIE**
- **CHS 494 Topic: College of Health Solutions Study Abroad**
- **EXW 446 Worksite Wellness**
- **HCD 303 Global Health Care Systems (GCSI)**
- **HCD 330 Health Care Systems in the U.S. (CIVI)**
- **HCD 402 Health Economics (SOBE)**
- **HCD 403 Process Engineering**
- **HCD 420 Population Health Management**
- **HEP 355 Population Health and Climate Change (SUST)**
- **HEP 452 Health Advocacy in Health Education**
- **HEP 456 Health Promotion Program Evaluation**

Requirement	Minimum Grade	Credit Hours
HEP 476 Community Health		
HSC 310 Health Communication		
HSC 410 Supporting the Health of Older Adults		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 350 Health Care and Humanities		
MED 445 Prevention and Management of Chronic Disease		
PBH 410 Public Mental Health		
PBH 422 Health Disparities and Access to Health		
PHI 310 Environmental Ethics (SUST)		
POS 368 Ethics and Human Rights (GCSI)		
PUP 301 Introduction to Urban Planning		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
Major Electives	C	6
ASB 305 Poverty and Global Health (CIVI)		
ASB 376 Global Health Policy		
ASB 457 Global Mental Health (GCSI)		
CHS 494 Topic: College of Health Solutions GIE		
CHS 494 Topic: College of Health Solutions Study Abroad		

Requirement	Minimum Grade	Credit Hours
EXW 446 Worksite Wellness		
HCD 201 Economics for Health Majors		
HCD 303 Global Health Care Systems (GCSI)		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCD 402 Health Economics (SOBE)		
HCD 403 Process Engineering		
HCD 420 Population Health Management		
HEP 241 Health Education Methods for Injury Prevention and Preparedness		
HEP 355 Population Health and Climate Change (SUST)		
HEP 452 Health Advocacy in Health Education		
HEP 456 Health Promotion Program Evaluation		
HEP 476 Community Health		
HSC 310 Health Communication		
HSC 410 Supporting the Health of Older Adults		
MED 320 Applied Medical/Health Care Ethics (HUAD)		
MED 350 Health Care and Humanities		
MED 445 Prevention and Management of Chronic Disease		
PBH 410 Public Mental Health		
PBH 422 Health Disparities and Access to Health		

Requirement	Minimum Grade	Credit Hours
PHI 310 Environmental Ethics (SUST)		
POS 368 Ethics and Human Rights (GCSI)		
PUP 301 Introduction to Urban Planning		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Public Health, BS students by the required POP 444 course. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.		

Foundational Courses

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
MAT 114 College Mathematics (MATH) OR **MAT 117 College Algebra (MATH)**	C	3

Students interested in pursuing a graduate program in public health are recommended to take MAT 117 toward the Foundational Courses requirement.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students interested in pursuing certification to become a registered sanitarian should select environmental health related courses from the Major Electives and will need to complete 30 credits of natural science courses (inclusion of CHM 101 is recommended). For more information on how to become a registered sanitarian, visit: https://www.neha.org/rehs-rs-credential.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Speech and Hearing Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: LASHSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
SHS 205 Exploring Communication Disorders in Children and Adults	C	3
SHS 250 Introduction to Phonetics	C	3
SHS 310 Anatomical and Physiological Bases of Speech	C	3
SHS 311 Hearing Science	C	3
SHS 367 Language Science (SOBE)	C	3
SHS 375 Speech Science	C	3
SHS 401 Principles of Audiology	C	3
SHS 402 Clinical Methods and Treatment of Communication Disorders	C	3
SHS 465 Speech and Language Acquisition (SOBE)	C	3
SHS 470 Developmental Speech and Language Disorders	C	3
SHS 485 Acquired Speech and Language Disorders	C	3

Requirement	Minimum Grade	Credit Hours
SHS 496 Aural Rehabilitation	C	3

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
Experiential Learning Course **CHS 280 Experiential Community Health and Research** **CHS 394 Topic: Facilitator Seminar** **CHS 484 Topic: Applied Health Experience** **CHS 484 Topic: Citizen Science in Health** **CHS 484 Topic: Translational Research** **CHS 493 Honors Thesis** **CHS 494 Topic: Undergraduate Research** **CHS 494 Topic: Undergraduate Teaching Assistant** **MED 325 Elements of Hospice and Palliative Care** **MED 375 Alzheimer's and Other Dementias** **MED 475 Palliative Care: Managing Complex Serious Illness** **SHS 484 Internship** **SHS 484 Topic: Pre-Audiology Experience**	C	3

SHS 484 Topic: SLPA Certificate

SHS 498 Topic: Advanced Research Experience in Speech/Hearing Sci

The list provided includes courses that are most relevant to the Speech and Hearing Science, BS program. To view additional options, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

BIO 160 Introduction to Anatomy and Physiology (SCIT)	C	4
ENG 301 Writing for the Professions	C	3
HCD 300 Biostatistics (QTRS) OR **PSY 230 Introduction to Statistics (QTRS)** OR **STP 226 Elements of Statistics (QTRS)**	C	3
MAT 117 College Algebra (MATH) OR **MAT 170 Precalculus (MATH)**	C	3
PHY 101 Introduction to Physics (SCIT)	C	4
PSY 101 Introduction to Psychology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

In order to be competitive for speech and hearing science graduate programs, it is recommended that students maintain a minimum ASU cumulative GPA of 3.5 or higher. For information on speech and hearing science graduate program application procedures and career opportunities, visit: https://www.asha.org/students.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources,

including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sports Science and Performance Programming, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHSPTSPPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
KIN 101 Introduction to Kinesiology	C	3
KIN 348 Psychological Skills for Optimal Performance (SOBE)	C	3
SSP 142 Sports Performance Practical Training	C	3
SSP 242 Resistance Training Foundations for Performance	C	3
SSP 275 Fundamentals of Sports Science (QTRS)	C	3
SSP 315 Exercise and Sport Physiology **AND** **SSP 316 Exercise and Sport Physiology Laboratory**	C	4
SSP 320 Coaching Leadership, Performance Team and Facility Management	C	3
SSP 325 Applied Anatomy and Biomechanics of Sport and Movement	C	4
SSP 423 Performance Testing and Technology	C	3

Requirement	Minimum Grade	Credit Hours
SSP 434 Plyometrics, Sports Movement and Conditioning	C	3
SSP 460 Resistance Training Application and Theory	C	3
SSP 461 Performance Programming Components and Periodization	C	3
SSP 484 Internship This course fulfills the College of Health Solutions Experiential Learning requirement. Students are required to attend a pre-internship workshop prior to enrolling in SSP 484.	C	3
Upper Division Major Electives	C	6

- **CHS 394 Topic: Facilitator Seminar**
- **CHS 494 Topic: Undergraduate Research**
- **CHS 494 Topic: Undergraduate Teaching Assistant**
- **CHS 499 Individualized Instruction**
- **EXW 330 Kinesiological Foundations of Movement**
- **EXW 344 Impact of Physical Activity on Health and Disease**
- **EXW 438 Obesity, Exercise and Health**
- **KIN 334 Functional Anatomy and Kinesiology**
- **KIN 345 Motor Behavior**
- **KIN 352 Psychosocial Aspects of Physical Activity (SOBE)**
- **KIN 465 Muscle Physiology**

Requirement	Minimum Grade	Credit Hours
NTR 457 Sports Nutrition		
NTR 494 Topic: Applied Practice in Nutrition		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 453 Inclusive Community Sport		
SSP 454 Sports Medicine		
SSP 484 Internship		
SSP 494 Topic: Strength & Conditioning for the Tactical Performer		

Students may apply up to 3 additional credits of SSP 484: Internship toward the Major Electives requirement. Completions beyond 6 credit hours will apply toward university electives.

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)**	C	3
First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.		

College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Sports Science and Performance Programming, BS students by the required SSP 484: Internship course. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.

Foundational Courses

BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 101 Introductory Chemistry (SCIT) OR **CHM 113 General Chemistry I (SCIT)**	C	4
MAT 117 College Algebra (MATH) OR **MAT 170 Precalculus (MATH)** Students interested in pursuing graduate school are recommended to take MAT 170 toward the Foundational Courses requirement.	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sports Science and Performance Programming (Strength and Conditioning), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Health Solutions
Plan Code: NHSSPPSCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
KIN 101 Introduction to Kinesiology	C	3
KIN 348 Psychological Skills for Optimal Performance (SOBE)	C	3
NTR 457 Sports Nutrition	C	3
SSP 142 Sports Performance Practical Training	C	3
SSP 242 Resistance Training Foundations for Performance	C	3
SSP 275 Fundamentals of Sports Science (QTRS)	C	3
SSP 315 Exercise and Sport Physiology **AND** SSP 316 Exercise and Sport Physiology Laboratory	C	4
SSP 320 Coaching Leadership, Performance Team and Facility Management	C	3
SSP 325 Applied Anatomy and Biomechanics of Sport and Movement	C	4

Requirement	Minimum Grade	Credit Hours
SSP 423 Performance Testing and Technology	C	3
SSP 434 Plyometrics, Sports Movement and Conditioning	C	3
SSP 460 Resistance Training Application and Theory	C	3
SSP 461 Performance Programming Components and Periodization	C	3
SSP 484 Topic: Strength and Conditioning I	C	3
SSP 484 Topic: Strength and Conditioning II This course fulfills the College of Health Solutions Experiential Learning requirement.	C	4
Students must complete two distinct internship experiences and are required to attend a pre-internship workshop prior to enrolling in internship credit.		

College of Health Solutions Requirements

CHS 100 Optimizing Your Health and Performance (SOBE) OR **CHS 300 An Exploration of Well-Being (SOBE)** First-year students should take CHS 100. Students who enter with more than 30 credits should take CHS 300.	C	3
College of Health Solutions students must complete 3 credits of Experiential Learning coursework. This requirement is fulfilled for Sports Science and Performance Programming (Strength and Conditioning), BS students by the required SSP 484 courses. If interested in additional experiential learning opportunities, visit: https://chs.asu.edu/current-students/experiential-learning.		

Foundational Courses

BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 101 Introductory Chemistry (SCIT) OR **CHM 113 General Chemistry I (SCIT)**	C	4
MAT 117 College Algebra (MATH) OR **MAT 170 Precalculus (MATH)** Students interested in pursuing graduate school are recommended to take MAT 170 toward the Foundational Courses requirement.	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

CHS 101 The ASU Experience for Health Solutions Students		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement/research opportunities and more, visit: https://chs.asu.edu/.

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Biological Sciences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: TSABSABS
Minimum credit hours: 120
Upper division minimum credit hours: 45.5

Requirement	Minimum Grade	Credit Hours
Applied Biological Sciences Core		
ABS 300 Career Competencies and Skills	C	0.5
ABS 490 Applied Biological Sciences Seminar	C	1
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
Applied Biological Sciences Concentration Requirements		
ABS 100 Discovering the Professions	C	1
ABS 200 Building Your Professional Self	C	0.5
ABS 311 Molecular and Cellular Biology OR ABS 314 Applied Plant Physiology OR BIO 360 Animal Physiology	C	3
ABS 350 Applied Statistics (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
OR STP 420 Introductory Applied Statistics (QTRS)		
ABS 370 Ecology	C	3

Applied Biological Sciences Track

Students select either the General Biology or Health Professionals track and complete 18 total credit hours, 9 hours of upper-division of courses within the selected track.

Health Professionals Track	C	9
ABS 302 Ethical and Policy Issues in Biology		
ABS 312 Structure and Function		
ABS 318 Unseen Life on Earth		
ABS 319 Food, Health and Human Biology		
ABS 355 Ecology and Adaptations of Vertebrates		
ABS 394 Topic: Medicine and Culture		
ABS 417 Comparative Immunology		
ABS 484 Internship		
ABS 494 Topic: Emerging Infections & Epidemics		
ABS 494 Topic: Anatomy Practicum		
ABS 494 Topic: Natural Products & Drug Discovery		
BCH 361 Advanced Principles of Biochemistry		
BIO 201 Human Anatomy and Physiology I (SCIT)		

Requirement	Minimum Grade	Credit Hours
BIO 202 Human Anatomy and Physiology II (SCIT)		
BIO 351 Developmental Biology		
MIC 205 Microbiology (SCIT)		
SPA 118 Basic Spanish for Health Care Professionals		
OR **General Biology Track**		
ABS Elective		
BIO Elective		
BCH Elective		
MIC Elective		
Upper Division Health Professionals Track	C	9
ABS 302 Ethical and Policy Issues in Biology		
ABS 312 Structure and Function		
ABS 318 Unseen Life on Earth		
ABS 319 Food, Health and Human Biology		
ABS 355 Ecology and Adaptations of Vertebrates		
ABS 394 Topic: Medicine and Culture		
ABS 417 Comparative Immunology		
ABS 484 Internship		
ABS 494 Topic: Emerging Infections & Epidemics		

Requirement	Minimum Grade	Credit Hours
ABS 494 Topic: Anatomy Practicum		
ABS 494 Topic: Natural Products & Drug Discovery		
BCH 361 Advanced Principles of Biochemistry		
BIO 351 Developmental Biology		
OR **Upper Division General Biology Track**		
ABS Elective		
BIO Elective		
BCH Elective		
MIC Elective		

Foundational Courses

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** **OR** **CHM 233 General Organic Chemistry I** **AND** **CHM 237 General Organic Chemistry Laboratory I** Pre-health students can opt to take the organic chemistry sequence (CHM 233/237 and CHM 234/238) instead of CHM 231/235.	C	4
MAT 210 Brief Calculus (MATH)	C	3

OR **MAT 251 Calculus for Life Sciences (MATH)**		
PHY 101 Introduction to Physics (SCIT) OR **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)** Students considering graduate school or health professions complete the PHY 111/113 and PHY 112/114 sequence. All other students will complete PHY 101 and elective hours.	C	4
ASU 101-CLS The ASU Experience		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, BIO, CHM, MIC and PHY subject codes.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Biological Sciences (Natural Resource Ecology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSABSNRBS
Minimum credit hours: 120
Upper division minimum credit hours: 45.5

Requirement	Minimum Grade	Credit Hours
Applied Biological Sciences Core		
ABS 300 Career Competencies and Skills	C	0.5
ABS 490 Applied Biological Sciences Seminar	C	1
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
Natural Resource Concentration Requirements		
ABS 100 Discovering the Professions	C	1
ABS 200 Building Your Professional Self	C	0.5
ABS 270 Sustainable Biological Systems (SUST)	C	3
ABS 274 Introduction to Wildlife Management OR ABS 225 Soils AND ABS 226 Soils Laboratory	C	4

Requirement	Minimum Grade	Credit Hours
ABS 311 Molecular and Cellular Biology OR **ABS 314 Applied Plant Physiology** OR **BIO 360 Animal Physiology**	C	3
ABS 350 Applied Statistics (QTRS)	C	3
ABS 355 Ecology and Adaptations of Vertebrates OR **ABS 430 Watershed Management**	C	3
ABS 370 Ecology	C	3
ABS 479 Ecosystem Management and Planning	C	3

Natural Resource Ecology Tracks

Students select one of three Natural Resource Ecology Tracks (General Track, Habitat Management and Conservation or Wildlife Track) and complete 15 hours from within that track.

ABS 207 Applied Plant Taxonomy is recommended as part of the U.S. Office of Personnel Management's (OPM) occupational requirement of 9 semester hours in botany or related plant science for the Wildlife Biology Series requirement.

General Track	C	3
ABS 207 Applied Plant Taxonomy		
ABS 312 Structure and Function		
ABS 318 Unseen Life on Earth		
ABS 376 Wildlife Ecology		
ABS 378 Animal Nutrition		

Requirement	Minimum Grade	Credit Hours
ABS 380 Restoration and Wildlife Plants		
ABS 384 Natural Resources Measurements		
ABS 417 Comparative Immunology		
ABS 434 Soil Ecology		
ABS 470 Life History of Mammals		
ABS 472 Applied Herpetology		
ABS 473 Applied Ornithology		
ABS 474 Riparian Ecosystem Management		
ABS 485 GIS in Natural Resources		
ABS 486 Introduction to Remote Sensing		
ABS 489 Undergraduate Research		
ABS 494 Topic: Applied Populations and Habitat Ecology		
ABS 494 Topic: Emerging Infections & Epidemics		
ABS 494 Topic: Fish Population Dynamics		
ABS 494 Topic: Urban Wildlife Ecology		
OR		
Habitat Management and Conservation Track		
ABS 207 Applied Plant Taxonomy		
ABS 368 Plant Propagation		

Requirement	Minimum Grade	Credit Hours
ABS 376 Wildlife Ecology		
ABS 380 Restoration and Wildlife Plants		
ABS 384 Natural Resources Measurements		
ABS 434 Soil Ecology		
ABS 474 Riparian Ecosystem Management		
ABS 476 Large Mammal Habitat Ecology		
ABS 481 Riparian and Wetland Restoration		
ABS 485 GIS in Natural Resources		
ABS 486 Introduction to Remote Sensing		
ABS 494 Topic: Applied Populations and Habitat Ecology		
ABS 494 Topic: Rangeland Ecosystem Management		
OR		
Wildlife Track		
ABS 207 Applied Plant Taxonomy		
ABS 376 Wildlife Ecology		
ABS 378 Animal Nutrition		
ABS 384 Natural Resources Measurements		
ABS 470 Life History of Mammals		
ABS 472 Applied Herpetology		

Requirement	Minimum Grade	Credit Hours
ABS 473 Applied Ornithology		
ABS 475 Habitat Management for Small Wildlife		
ABS 476 Large Mammal Habitat Ecology		
ABS 485 GIS in Natural Resources		
ABS 486 Introduction to Remote Sensing		
ABS 494 Topic: Applied Populations and Habitat Ecology		
ABS 494 Topic: Urban Wildlife Ecology		
Upper Division General Track	C	12
ABS 312 Structure and Function		
ABS 318 Unseen Life on Earth		
ABS 376 Wildlife Ecology		
ABS 378 Animal Nutrition		
ABS 380 Restoration and Wildlife Plants		
ABS 384 Natural Resources Measurements		
ABS 417 Comparative Immunology		
ABS 434 Soil Ecology		
ABS 470 Life History of Mammals		
ABS 472 Applied Herpetology		
ABS 473 Applied Ornithology		

Requirement	Minimum Grade	Credit Hours
ABS 474 Riparian Ecosystem Management		
ABS 485 GIS in Natural Resources		
ABS 486 Introduction to Remote Sensing		
ABS 489 Undergraduate Research		
ABS 494 Topic: Applied Populations and Habitat Ecology		
ABS 494 Topic: Emerging Infections & Epidemics		
ABS 494 Topic: Fish Population Dynamics		
ABS 494 Topic: Urban Wildlife Ecology		

OR **Upper Division Habitat Management and Conservation Track**

ABS 368 Plant Propagation		
ABS 376 Wildlife Ecology		
ABS 380 Restoration and Wildlife Plants		
ABS 384 Natural Resources Measurements		
ABS 434 Soil Ecology		
ABS 474 Riparian Ecosystem Management		
ABS 476 Large Mammal Habitat Ecology		
ABS 481 Riparian and Wetland Restoration		
ABS 485 GIS in Natural Resources		

Requirement	Minimum Grade	Credit Hours
ABS 486 Introduction to Remote Sensing		
ABS 494 Topic: Applied Populations and Habitat Ecology		
ABS 494 Topic: Rangeland Ecosystem Management		
OR Upper Division Wildlife Track		
ABS 376 Wildlife Ecology		
ABS 378 Animal Nutrition		
ABS 384 Natural Resources Measurements		
ABS 470 Life History of Mammals		
ABS 472 Applied Herpetology		
ABS 473 Applied Ornithology		
ABS 475 Habitat Management for Small Wildlife		
ABS 476 Large Mammal Habitat Ecology		
ABS 485 GIS in Natural Resources		
ABS 486 Introduction to Remote Sensing		
ABS 494 Topic: Applied Populations and Habitat Ecology		
ABS 494 Topic: Urban Wildlife Ecology		

Foundational Courses

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** **OR** **CHM 233 General Organic Chemistry I** **AND** **CHM 237 General Organic Chemistry Laboratory I** Students considering graduate school or health professions should complete the Organic Chemistry sequence of both CHM 233/237 and CHM 234/238, using CHM 234/238 in place of electives. All other students will complete CHM 231/235.	C	4
MAT 210 Brief Calculus (MATH) **OR** **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 101 Introduction to Physics (SCIT) **OR** **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)** Students considering graduate school or health professions complete the PHY 111/113 and PHY 112/114 sequence. All other students will complete PHI 101 and elective hours.	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

CISA Science Courses

Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, BIO, CHM, MIC and PHY prefixes.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Biological Sciences (Pre-Dental), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSABSPDBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Applied Biological Sciences Core		
ABS 300 Career Competencies and Skills	C	0.5
ABS 490 Applied Biological Sciences Seminar	C	1
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
Pre-Dental Professional Concentration Requirements		
ABS 272 Discovering Dentistry	C	3
ABS 311 Molecular and Cellular Biology	C	3
ABS 350 Applied Statistics (QTRS) OR STP 420 Introductory Applied Statistics (QTRS)	C	3
ABS 417 Comparative Immunology	C	3

Requirement	Minimum Grade	Credit Hours
ABS 422 Head and Neck Anatomy	C	3
BCH 361 Advanced Principles of Biochemistry	C	3
MED 320 Applied Medical/Health Care Ethics (HUAD)		3
PSY 101 Introduction to Psychology (SOBE)	C	3
Upper Division Pre-Dental Electives		
ABS 355 Ecology and Adaptations of Vertebrates		
ABS 394 Special Topics		
If enrolling in ABS 394, consult with an academic advisor to choose an appropriate topic.		
ABS 484 Internship		
ABS 489 Undergraduate Research		
ABS 494 Topic: Emerging Infections & Epidemics	C	15.5
ABS 494 Topic: Mammalian Gross Anatomy		
ASM 345 Disease and Human Evolution		
BIO 351 Developmental Biology		
BIO 360 Animal Physiology		
CHS 308 Comparative Health Systems		
PHY 394 Topic: Basics of Medical Physics		

Foundational Courses

BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I**	C	4
CHM 234 General Organic Chemistry II **AND** **CHM 238 General Organic Chemistry Laboratory II**	C	4

ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

MAT 210 Brief Calculus (MATH) **OR** **MAT 251 Calculus for Life Sciences (MATH)**	C	3
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4

PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

CISA Science Courses

Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, BIO, CHM, MIC and PHY prefixes.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Biological Sciences (Preveterinary Medicine), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSABSPMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45.5

Requirement	Minimum Grade	Credit Hours
Applied Biological Sciences Core		
ABS 300 Career Competencies and Skills	C	0.5
ABS 490 Applied Biological Sciences Seminar	C	1
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
Preveterinary Medicine Concentration Requirements		
ABS 100 Discovering the Professions	C	1
ABS 200 Building Your Professional Self	C	0.5
ABS 271 Veterinary Medicine Today	C	3
ABS 311 Molecular and Cellular Biology OR BIO 360 Animal Physiology	C	3

Requirement	Minimum Grade	Credit Hours
ABS 350 Applied Statistics (QTRS) OR STP 420 Introductory Applied Statistics (QTRS)	C	3
ABS 355 Ecology and Adaptations of Vertebrates	C	3
ABS 378 Animal Nutrition	C	3
ABS 379 Animal Anatomy	C	3
BCH 361 Advanced Principles of Biochemistry	C	3

Upper Division Pre-Veterinary Electives

Upper Division UD Pre-Veterinary Electives	C	16

- ABS 302 Ethical and Policy Issues in Biology
- ABS 312 Structure and Function
- ABS 371 Small Animal Veterinary Topics
- ABS 372 Captive Animal Behavior Management
- ABS 375 Equine Science
- ABS 394 Topic: Animal Reproduction
- ABS 394 Topic: Large Animal Diseases
- ABS 394 Topic: Veterinary Infectious Disease
- ABS 417 Comparative Immunology
- ABS 470 Life History of Mammals
- ABS 472 Applied Herpetology

Requirement	Minimum Grade	Credit Hours
ABS 473 Applied Ornithology		
ABS 484 Internship		
ABS 494 Topic: Emerging Infections & Epidemics		
ABS 494 Topic: Scientific Literature in Veterinary/Medical Fields		

Foundational Courses

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I**	C	4
CHM 234 General Organic Chemistry II **AND** **CHM 238 General Organic Chemistry Laboratory II**	C	4

ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn

more about summer financial aid and additional ways to cover summer costs.

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)**	C	3
MIC 205 Microbiology (SCIT) AND **MIC 206 Microbiology Laboratory (SCIT)**	C	4
PHY 111 General Physics (SCIT) AND **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) AND **PHY 114 General Physics Laboratory (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

CISA Science Courses

Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, BIO, CHM, MIC, and PHY subject codes.

> General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Biological Sciences (Secondary Education in Biology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: TSABSSBS
Minimum credit hours: 120
Upper division minimum credit hours: 50.5

Requirement	Minimum Grade	Credit Hours
Applied Biological Sciences Core		
ABS 100 Discovering the Professions	C	1
ABS 200 Building Your Professional Self	C	0.5
ABS 300 Career Competencies and Skills	C	0.5
ABS 311 Molecular and Cellular Biology OR ABS 314 Applied Plant Physiology OR BIO 360 Animal Physiology	C	3
ABS 350 Applied Statistics (QTRS)	C	3
ABS 370 Ecology	C	3
ABS 490 Applied Biological Sciences Seminar	C	1
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4

Requirement	Minimum Grade	Credit Hours
Secondary Education Concentration Requirements		
BIO 480 Methods of Teaching Biology	C	3
SED 482 Science Teaching Methods for Secondary Schools I	C	3
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 355 Internship: Initial	C	1
TEL 366 Professional Experience Internship	C	1
TEL 477 Internship: Advanced	C	2
TEL 488 Student Teaching	C	12
Applied Biology Education Requirements		
ABS 207 Applied Plant Taxonomy OR ABS 355 Ecology and Adaptations of Vertebrates OR BCH 361 Advanced Principles of Biochemistry	C	3
BLE 220 Foundations of Structured English Immersion (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
BLE 220 satisfies the requirement for a Structured English Immersion (for certified teachers). This endorsement authorizes the holder to teach one or more English language learners in the area they are appropriately certified.		
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3

Foundational Courses

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** OR **CHM 233 General Organic Chemistry I** **AND** **CHM 237 General Organic Chemistry Laboratory I** Students considering graduate school or professions should complete the Organic Chemistry sequence of both CHM 233/237 and CHM 234/238 in place of electives. All other students will complete CHM 231/235.	C	4
MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 101 Introduction to Physics (SCIT) OR **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)** Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/113 sequence,	C	4

using PHY 112/114 in place of electives. All other students will complete PHY 101.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

GCU 113 is recommended as an elective since it satisfies the US and AZ constitution requirement for teacher certification.

CISA Science Courses

Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, BIO, CHM, MIC and PHY prefixes.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Biological Sciences (Sustainable Horticulture), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: TSABSUBS
Minimum credit hours: 120
Upper division minimum credit hours: 45.5

Requirement	Minimum Grade	Credit Hours
Applied Biological Sciences Core		
ABS 300 Career Competencies and Skills	C	0.5
ABS 490 Applied Biological Sciences Seminar	C	1
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
Sustainable Horticulture Concentration Requirements		
ABS 100 Discovering the Professions	C	1
ABS 200 Building Your Professional Self	C	0.5
ABS 260 Fundamentals of Sustainable Horticulture	C	4
ABS 311 Molecular and Cellular Biology OR ABS 314 Applied Plant Physiology	C	3

Requirement	Minimum Grade	Credit Hours
OR BIO 353 Cell Biology		
ABS 350 Applied Statistics (QTRS)	C	3
ABS 362 Landscape Plants	C	4
ABS 363 Sustainable Landscape Practice	C	4
ABS 368 Plant Propagation	C	3
ABS 370 Ecology	C	3
ABS 464 Desert Horticulture	C	3

Sustainable Horitculture Electives

Requirement	Minimum Grade	Credit Hours
Upper Division Sustainable Horticulture Elective List		
ABS 318 Unseen Life on Earth		
ABS 365 Future of Agriculture: Vertical Farming		
ABS 369 Hydroponic Food Crop Production		
ABS 394 Topic: Sustainable Vegetable Production in the Arid SW		
ABS 394 Topic: Floriculture: Sustainable Production and Design	C	3
ABS 434 Soil Ecology		
ABS 460 Organic Gardening		
ABS 462 Greenhouse/Nursery Management		
ABS 484 Internship		
Sustainable Horticulture Elective List	C	3
ABS 225 Soils		
ABS 318 Unseen Life on Earth		
ABS 365 Future of Agriculture: Vertical Farming		
ABS 369 Hydroponic Food Crop Production		
ABS 394 Topic: Sustainable Vegetable Production in the Arid SW		
ABS 394 Topic: Floriculture: Sustainable Production and Design		

Requirement	Minimum Grade	Credit Hours
ABS 434 Soil Ecology		
ABS 460 Organic Gardening		
ABS 462 Greenhouse/Nursery Management		
ABS 484 Internship		

Foundational Courses

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** OR **CHM 233 General Organic Chemistry I** **AND** **CHM 237 General Organic Chemistry Laboratory I** Students considering graduate school should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives.	C	4
MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 101 Introduction to Physics (SCIT) OR **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)** Students considering graduate school should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101.	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

CISA Science Courses

Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, BIO, CHM, MIC and PHY prefixes.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Mathematics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSMATBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
BIO 181 General Biology I (SCIT) **OR CHM 113 General Chemistry I (SCIT)** **OR CHM 114 General Chemistry for Engineers (SCIT)** **OR PHY 121 University Physics I: Mechanics (SCIT)** **AND PHY 122 University Physics Laboratory I (SCIT)**	C	4
BIO 182 General Biology II (SCIT) **OR CHM 116 General Chemistry II (SCIT)** **OR PHY 131 University Physics II: Electricity and Magnetism (SCIT) AND PHY 132 University Physics Laboratory II (SCIT)**	C	4
MAT 243 Discrete Mathematical Structures	C	3
MAT 265 Calculus for Engineers I (MATH) **OR MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
MAT 266 Calculus for Engineers II (MATH) **OR MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3 - 4

Requirement	Minimum Grade	Credit Hours
MAT 267 Calculus for Engineers III (MATH) OR **MAT 272 Calculus with Analytic Geometry III (MATH)**	C	3 - 4
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 343 Applied Linear Algebra	C	3
MAT 495 Undergraduate Research OR 400-Level **MAT Elective** OR 400-Level **STP Elective**	C	3
STP 420 Introductory Applied Statistics (QTRS)	C	3
Upper Division Applied Mathematics Electives		12

- **MAT 300 Mathematical Structures**
- **MAT 310 Introduction to Geometry**
- **MAT 350 Techniques and Applications of Applied Mathematics**
- **MAT 394 Special Topics**
- **MAT 450 Mathematical Models in Biology**
- **MAT 452 Introduction to Chaos and Nonlinear Dynamics**
- **MAT 462 Applied Partial Differential Equations**
- **MAT 494 Special Topics**
- **MAT 499 Individualized Instruction**
- **PHY 302 Mathematical Methods in Physics II**

Requirement	Minimum Grade	Credit Hours
STP 421 Probability		
Students must complete a minimum of 12 credit hours of MAT courses offered by the College of Integrative Sciences and Arts. Six of these 12 credits must be upper division.		

Upper Division STEM Electives

Upper Division STEM Electives

Upper Division ABS Elective		
Upper Division BIO Elective		
Upper Division CHM Elective		
Upper Division CSE Elective		
Upper Division EGR Elective		
Upper Division ERM Elective		9
Upper Division GIT Elective		
Upper Division HSE Elective		
Upper Division IFT Elective		
Upper Division PHY Elective		
Upper Division SER Elective		
Upper Division STP Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Military and Veterans Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSAMVSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Applied Military and Veterans Studies Core		
MVS 100 Introduction to Military Studies	C	3
MVS 200 The Military Culture and American Society	C	3
MVS 201 Interdisciplinary Approaches to Conflict and War	C	3
MVS 202 Exploring Veteran Culture	C	3
MVS 300 Fighting for American Ideals	C	3
MVS 301 Experience of America's Modern Wars	C	3
MVS 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)	C	3
MVS 400 Military Theory and Practice	C	3
MVS 401 The Military: Law, Ethics and Culture	C	3
MVS 402 Technology and Warfare	C	3
MVS 403 American Military Leadership	C	3

Requirement	Minimum Grade	Credit Hours
MVS 404 War and Memory	C	3
MVS 484 Internship OR **MVS 499 Individualized Instruction** Students must have all portfolio courses completed prior to enrolling in MVS 484 Internship or MVS 499 Individualized Instruction.	C	3
MVS 485 Military and Veterans Studies Portfolio and Performance Assessment	C	1

Portfolio Courses

Students will complete 15 credit hours in courses selected from the same portfolio track, to be used in creating the student's final project for their culminating experience course in Term 8. Students will choose the portfolio courses in consultation with their academic advisor.

Each portfolio track's course options are listed in the following categories: Leadership in Military and Veterans' Organizations; The Military and Veterans: Historical Perspectives; Principles of Health Care for Military, Veterans, and Their Families; or Public Leadership, Service, and Policy

Counseling and Counseling Psychology for Military and Veteran Communities - Portfolio Courses	C	6
CAP 120 Introduction to Counseling (SOBE)		
CAP 220 Self in a Multicultural Society (SOBE)		
CAP 240 Counseling Skills		
CAP 310 Addictions I: Foundations and Basic Principles		

Requirement	Minimum Grade	Credit Hours
CAP 315 Trauma and Crisis Intervention		
CAP 320 Theories of Counseling and Psychotherapy		
CAP 330 Group Counseling		
CAP 335 Addiction Group Counseling		
CAP 340 Multicultural Counseling Theory and Practice		
CAP 342 Community Outreach, Prevention and Intervention		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
JUS 305 Principles of Justice Studies (HUAD)		
MVS 484 Internship		
MVS 494 Special Topics		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 366 Psychological Disorders (SOBE)		
PSY 369 Biology of Human Sexuality		
PSY 385 Psychology of Gender (SOBE)		
SWU 250 Stress Management Tools I (SOBE)		
SWU 349 Stress Management Tools II (SOBE)		

OR

Requirement	Minimum Grade	Credit Hours

Principles of Health Care for MIlitary, Veterans, and Their Families - Portfolio Courses

- HCD 302 Health Care Management
- HCD 303 Global Health Care Systems (GCSI)
- HCD 330 Health Care Systems in the U.S. (CIVI)
- HCR 210 Ethics for the Health Care Professional (HUAD)
- HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)
- HCR 221 Foundational Concepts for Health Care Coordination
- HCR 230 Culture and Health (GCSI)
- HCR 231 Fundamentals of Community Health
- HCR 321 Advanced Concepts for Health Care Coordination
- HSC 310 Health Communication
- POP 100 Introduction to Population Health

OR

Public Leadership, Service, and Policy - Portfolio Courses

- COM 225 Public Speaking and Presentations (CIVI)
- CPP 350 Community Works
- CRJ 270 Community Justice (CIVI)
- ENG 216 Persuasive Writing on Public Issues (CIVI)

Requirement	Minimum Grade	Credit Hours
MVS 484 Internship		
NLM 160 Voluntary Action and Community Leadership (CIVI)		
NLM 220 Introduction to Nonprofit Organizations		
NLM 300 Fund Raising and Resource Development		
NLM 310 Volunteer Management (CIVI)		
PAF 112 Public Service and American Democracy (AMIT)		
PAF 200 Public Service and Policy (CIVI)		
PAF 201 Economics and Public Policy (SOBE)		
PAF 300 Public Management and Administration		
PAF 311 Leadership and Change (SOBE)		
PAF 340 Contemporary Policy Challenges		
PAF 410 Building Leadership Skills (SOBE)		
SWU 183 Introductory Ethics: A Social Issues Perspectives (HUAD)		
SWU 250 Stress Management Tools I (SOBE)		
SWU 349 Stress Management Tools II (SOBE)		
SWU 456 Immigrants and Refugees (CIVI)		

OR

Leadership in Military and Veterans' Organizations - Portfolio Courses		

Requirement	Minimum Grade	Credit Hours
COM 225 Public Speaking and Presentations (CIVI)		
COM 230 Teamwork and Collaboration (SOBE)		
COM 430 Leadership in Group Communication		
ISS 410 Integrative Leadership Studies		
JMC 419 Strategic Communications Leadership and Ethics		
MVS 484 Internship		
NEW 200 Innovation Challenge, Service Learning and Leadership		
NLM 160 Voluntary Action and Community Leadership (CIVI)		
NLM 235 Leadership and Ethics		
OGL 200 Introduction to Organizational Leadership (CIVI)		
OGL 220 Behavioral Dynamics in Organizations (SOBE)		
OGL 260 Resource Allocation in Organizations (SUST)		
OGL 300 Theory and Practice of Leadership		
OGL 345 Organizational Ethics (HUAD)		
OGL 350 Diversity and Organizations (GCSI)		
OGL 355 Leading Organizational Innovation and Change		
POS 414 Political History and Leadership		

Requirement	Minimum Grade	Credit Hours
SOC 460 Leadership, Research, and Collaboration in Community Change		
WST 485 Women, Gender, and Leadership		
OR		
The Military and Veterans: Historical Perspective - Portfolio Courses		
HST 101 Global History Since 1500 (HUAD)		
HST 406 American Revolution/1763-1789		
HST 408 Civil War and Reconstruction (HUAD)		
HST 456 The Vietnam War (HUAD)		
HST 460 World War II (HUAD)		
JUS 374 The Holocaust, Genocide, and Human Rights		
MVS 484 Internship		
PAF 469 Terrorism Defense		
POS 110 American Government and Politics (AMIT)		
POS 112 Foundations of Democracy (CIVI)		
POS 150 Comparative Government (GCSI)		
POS 160 Global Politics (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 368 Ethics and Human Rights (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 465 International Organization and Law (GCSI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 370 Geopolitics (GCSI)		
Upper Division Counseling and Counseling Psychology for Military and Veteran Communities - Portfolio Courses	C	9
CAP 310 Addictions I: Foundations and Basic Principles		
CAP 315 Trauma and Crisis Intervention		
CAP 320 Theories of Counseling and Psychotherapy		
CAP 330 Group Counseling		
CAP 335 Addiction Group Counseling		
CAP 340 Multicultural Counseling Theory and Practice		
CAP 342 Community Outreach, Prevention and Intervention		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
JUS 305 Principles of Justice Studies (HUAD)		
MVS 484 Internship		
MVS 494 Special Topics		
PSY 315 Personality Theory and Research (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 320 Learning and Motivation		
PSY 366 Psychological Disorders (SOBE)		
PSY 369 Biology of Human Sexuality		
PSY 385 Psychology of Gender (SOBE)		
SWU 349 Stress Management Tools II (SOBE)		

OR

Upper Division Principles of Health Care for MIlitary, Veterans, and Their Families - Portfolio Courses

HCD 302 Health Care Management		
HCD 303 Global Health Care Systems (GCSI)		
HCD 330 Health Care Systems in the U.S. (CIVI)		
HCR 321 Advanced Concepts for Health Care Coordination		
HSC 310 Health Communication		

OR

Upper Division Public Leadership, Service, and Policy - Portfolio Courses

CPP 350 Community Works		
MVS 484 Internship		
NLM 300 Fund Raising and Resource Development		
NLM 310 Volunteer Management (CIVI)		

Requirement	Minimum Grade	Credit Hours
PAF 300 Public Management and Administration		
PAF 311 Leadership and Change (SOBE)		
PAF 340 Contemporary Policy Challenges		
PAF 410 Building Leadership Skills (SOBE)		
SWU 349 Stress Management Tools II (SOBE)		
SWU 456 Immigrants and Refugees (CIVI)		

OR

Upper Division Leadership in Military and Veterans' Organizations - Portfolio Courses

COM 430 Leadership in Group Communication		
ISS 410 Integrative Leadership Studies		
JMC 419 Strategic Communications Leadership and Ethics		
MVS 484 Internship		
OGL 300 Theory and Practice of Leadership		
OGL 345 Organizational Ethics (HUAD)		
OGL 350 Diversity and Organizations (GCSI)		
OGL 355 Leading Organizational Innovation and Change		
POS 414 Political History and Leadership		
SOC 460 Leadership, Research, and Collaboration in Community Change		

Requirement	Minimum Grade	Credit Hours
WST 485 Women, Gender, and Leadership		
OR		
Upper Division The Military and Veterans: Historical Perspective - Portfolio Courses		
HST 406 American Revolution/1763-1789		
HST 408 Civil War and Reconstruction (HUAD)		
HST 456 The Vietnam War (HUAD)		
HST 460 World War II (HUAD)		
JUS 374 The Holocaust, Genocide, and Human Rights		
MVS 484 Internship		
PAF 469 Terrorism Defense		
POS 300 Contemporary Global Controversies (GCSI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 368 Ethics and Human Rights (GCSI)		
POS 465 International Organization and Law (GCSI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 370 Geopolitics (GCSI)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Physics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSAPHYBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT)	C	4
PHY 201 Mathematical Methods in Physics I (MATH)	C	3
PHY 252 Physics III (SCIT)	C	4
PHY 302 Mathematical Methods in Physics II	C	3
PHY 314 Quantum Physics I	C	3
PHY 315 Quantum Physics II	C	3

Requirement	Minimum Grade	Credit Hours
PHY 321 Vector Mechanics and Vibration	C	3
PHY 331 Principles of Modern Electromagnetism	C	3
PHY 444 Fundamentals of Nanoscience	C	3
PHY 460 Numerical Methods in Modern Physics	C	3
PHY 499 Individualized Instruction	C	3
Upper Division Applied Physics Electives		
MAT 343 Applied Linear Algebra	C	9
PHY 333 Electronic Circuits and Measurements		
PHY 361 Introductory Modern Physics		
PHY 394 Topic: Basics of Medical Physics		
PHY 416 Quantum Physics III		
PHY 456 Laser Optics		
PHY 495 Project Research		
STP 420 Introductory Applied Statistics (QTRS)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must complete a minimum of 12 credit hours of PHY courses offered by the College of Intergrative Sciences and Arts. Six of these 12 credits must be upper division.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Quantitative Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSAQSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
IDS 301 Becoming Interdisciplinary	C	3
Statistics Courses	C	3
ABS 350 Applied Statistics (QTRS)		
ECN 221 Business Statistics (QTRS)		
HCD 300 Biostatistics (QTRS)		
HSE 230 Statistics for Human Systems Research I (QTRS)		
HSE 430 Statistics for Human Systems Research II (QTRS)		
JUS 302 Statistical Analysis for Justice Studies (QTRS)		
PAF 301 Applied Statistics (QTRS)		
PSY 230 Introduction to Statistics (QTRS)		
PSY 330 Statistical Methods (QTRS)		
SOC 390 Social Statistics I (QTRS)		

Requirement	Minimum Grade	Credit Hours
STP 226 Elements of Statistics (QTRS)		
STP 231 Statistics for Life Science (QTRS)		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
STS 401 Statistics in Science and Technology Studies (QTRS)		
SWU 321 Statistics for Social Workers (QTRS)		
Upper Division Statistics Courses	C	3
ABS 350 Applied Statistics (QTRS)		
HCD 300 Biostatistics (QTRS)		
HSE 430 Statistics for Human Systems Research II (QTRS)		
JUS 302 Statistical Analysis for Justice Studies (QTRS)		
PAF 301 Applied Statistics (QTRS)		
PSY 330 Statistical Methods (QTRS)		
SOC 390 Social Statistics I (QTRS)		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
STS 401 Statistics in Science and Technology Studies (QTRS)		

Requirement	Minimum Grade	Credit Hours
SWU 321 Statistics for Social Workers (QTRS)		
Computer Skills Courses	C	3
ACO 100 All About Data: Design, Query, and Visualization (QTRS)		
ACO 102 Object-Oriented Programming (QTRS)		
ACO 240 Introduction to Programming Languages		
AME 230 Programming for the Media Arts (QTRS)		
CIS 105 Computer Applications and Information Technology (QTRS)		
CIS 308 Advanced Excel in Business		
CIS 309 Business Process Management		
CIS 310 Business Data Visualization		
CPI 101 Introduction to Informatics (QTRS)		
CSE 100 Principles of Programming with C++ (QTRS)		
CSE 110 Principles of Programming (QTRS)		
CSE 205 Object-Oriented Programming and Data Structures (QTRS)		
CSE 240 Introduction to Programming Languages		
GIS 211 Geographic Information Science II (QTRS)		
GIS 222 Programming Principles in GIS I		
GIS 311 Geographic Information Science III (QTRS)		

Requirement	Minimum Grade	Credit Hours
GIS 322 Programming Principles in GIS II		
GIT 312 Computer Animation and Motion Graphics		
IEE 305 Information Systems Engineering		
Technical/Professional Communication Courses		
COM 225 Public Speaking and Presentations (CIVI)		
COM 250 Communication and the Workplace (SOBE)		
COM 259 Communication in Business and the Professions (CIVI)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 430 Leadership in Group Communication		
ENG 301 Writing for the Professions	C	3
ENG 302 Business Writing		
HSC 310 Health Communication		
NTR 351 Nutrition Communication		
TWC 214 Storytelling with Data		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 446 Technical and Scientific Reports		
Research and Analysis Courses	C	3

Requirement	Minimum Grade	Credit Hours
ASB 230 Beginning Social Research (SOBE)		
FAS 290 Introduction to Social Science Research		
HCR 301 Research Methods for the Health Care Professional		
HSE 290 Experimental Methods for Human Systems Research (QTRS)		
HSE 390 Qualitative Research Methods		
HUL 250 Introduction to Interdisciplinary Research (SOBE)		
ISS 301 Integrated Social Science Research Methods		
POS 301 Empirical Political Inquiry (SOBE)		
PSY 290 Research Methods (SCIT)		
SOC 290 Introduction to Social Science Research		
SOC 391 Applied Research Methods (SOBE)		
STS 301 Research in Science and Technology Studies		
TWC 413 Managing and Analyzing Data		
Upper Division Capstone/Project Course	C	3
IDS 401 Integration: Experiential Learning		
IDS 492 / HON 492 Honors Directed Study		
IDS 493 / HON 493 Honors Thesis		

Requirement	Minimum Grade	Credit Hours
Students may use Honors Directed Study or Thesis from different subject codes.		
IDS 484 Internship		
Students may use Internship credit from other subject codes.		

Major Electives

Upper Division Major Elective credits may be any courses listed under the Computer Skills, Research and Analysis, Statistics, Technical/Professional Communication or Capstone/Project course lists.

Upper Division Computer Skills Courses	C	18 - 6
CIS 308 Advanced Excel in Business		
CIS 309 Business Process Management		
CIS 310 Business Data Visualization		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
GIT 312 Computer Animation and Motion Graphics		
IEE 305 Information Systems Engineering		
OR **Upper Division Research and Analysis Courses**		
HCR 301 Research Methods for the Health Care Professional		

Requirement	Minimum Grade	Credit Hours
HSE 390 Qualitative Research Methods		
ISS 301 Integrated Social Science Research Methods		
POS 301 Empirical Political Inquiry (SOBE)		
SOC 391 Applied Research Methods (SOBE)		
STS 301 Research in Science and Technology Studies		
TWC 413 Managing and Analyzing Data		
OR Upper Division Statistics Courses		
ABS 350 Applied Statistics (QTRS)		
HCD 300 Biostatistics (QTRS)		
HSE 430 Statistics for Human Systems Research II (QTRS)		
JUS 302 Statistical Analysis for Justice Studies (QTRS)		
PAF 301 Applied Statistics (QTRS)		
PSY 330 Statistical Methods (QTRS)		
SOC 390 Social Statistics I (QTRS)		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
STS 401 Statistics in Science and Technology Studies (QTRS)		
SWU 321 Statistics for Social Workers (QTRS)		

Requirement	Minimum Grade	Credit Hours
OR		
Upper Division Technical/Professional Communication Courses		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 430 Leadership in Group Communication		
ENG 301 Writing for the Professions		
ENG 302 Business Writing		
HSC 310 Health Communication		
NTR 351 Nutrition Communication		
TWC 411 Principles of Visual Communication		
TWC 422 Social Media in the Workplace		
TWC 446 Technical and Scientific Reports		
OR **Upper Division Capstone/Project Course**		
IDS 401 Integration: Experiential Learning		
IDS 492 / **HON 492 Honors Directed Study**		
IDS 493 / **HON 493 Honors Thesis**		
Students may use Honors Directed Study or Thesis from different subject codes.		
IDS 484 Internship		
Students may use Internship credit from other subject codes.		

Requirement	Minimum Grade	Credit Hours
Students choosing this major as a concurrent degree with another ASU major will only require six credits of upper division major electives.		

Foundational Courses

MAT 170 Precalculus (MATH)	C	3
Scientific Thinking in Natural Sciences Courses Students select an eight credit hour course pairing/group from the list below. **AST 111 Introduction to Solar Systems Astronomy (SCIT) AND AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)** **BIO 181 General Biology I (SCIT) AND BIO 182 General Biology II (SCIT)** **CHM 113 General Chemistry I (SCIT) AND CHM 116 General Chemistry II (SCIT)** **PHY 111 General Physics (SCIT) AND PHY 113 General Physics Laboratory (SCIT) AND PHY 112 General Physics (SCIT) AND PHY 114 General Physics Laboratory (SCIT)**	C	8
AND Scientific Thinking in Natural Sciences (SCIT)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Animal Biology), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: College of Integrative Sciences and Arts
Plan Code: LSANBIOBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
BAS Core		
ABS 302 Ethical and Policy Issues in Biology	C	3
ABS 350 Applied Statistics (QTRS)	C	3
BIO 340 General Genetics	C	4
ABS 370 Ecology	C	3
BAS Concentration		
ABS 312 Structure and Function	C	3
ABS 355 Ecology and Adaptations of Vertebrates	C	3
ABS 372 Captive Animal Behavior Management	C	3
ABS 378 Animal Nutrition	C	3
ABS 417 Comparative Immunology	C	3
Upper Division Animal Biology Electives	C	9
ABS 318 Unseen Life on Earth		

Requirement	Minimum Grade	Credit Hours
ABS 371 Small Animal Veterinary Topics		
ABS 375 Equine Science		
ABS 376 Wildlife Ecology		
ABS 377 International Wildlife Conservation		
ABS 379 Animal Anatomy		
ABS 470 Life History of Mammals		
ABS 472 Applied Herpetology		
ABS 473 Applied Ornithology		
ABS 494 Topic: Emerging Infections & Epidemics		
ABS 494 Topic: Organismal Adaptation to a Changing Climate		
BIO 351 Developmental Biology		
BIO 360 Animal Physiology		

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.

Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.

AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must have completed BIO 181, BIO 182 AND either CHM 101 or CHM 113, in order to meet upper division course prerequisites.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Applied Leadership), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: College of Integrative Sciences and Arts
Plan Code: LSALSBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
OGL 300 Theory and Practice of Leadership	C	3
OGL 343 Social Processes in Organizations (SOBE) OR **OGL 357 Assessment in Organizations**	C	3
OGL 340 Organizational Skills OGL 340 is a topics course, students select any topic for this course to satisfy the 18 hour requirement. Topics cannot be repeated.	C	18
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 350 Diversity and Organizations (GCSI)	C	3
OGL 355 Leading Organizational Innovation and Change	C	3
OGL 365 Organizational Contexts OR **PMG 321 Project Leadership, Strategy and Scope** OGL 365 is a topics course, students select any topic for this course to satisfy the 3 hour requirement. Topics cannot be repeated.	C	3

Requirement	Minimum Grade	Credit Hours
OGL 481 Organizational Leadership Pro-Seminar I	C	3
OGL 482 Organizational Leadership Pro-Seminar II	C	3
PMG 240 Introduction to Project Management	C	3

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.		
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.		
AAS Transfer Degree Block of Credit Hours		60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Project Management), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: College of Integrative Sciences and Arts
Plan Code: LSAPSPMBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
OGL 300 Theory and Practice of Leadership	C	3
OGL 340 Organizational Skills OGL 340 is a topics course, students select 3 different topics to complete 9 credit hours. Topics cannot be repeated.	C	9
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 350 Diversity and Organizations (GCSI)	C	3
OGL 481 Organizational Leadership Pro-Seminar I	C	3
PMG 240 Introduction to Project Management	C	3
PMG 321 Project Leadership, Strategy and Scope	C	3
PMG 322 Project Schedule Management	C	3
PMG 323 Project Cost Management	C	3
PMG 324 Resources in Project Management	C	3

Requirement	Minimum Grade	Credit Hours
PMG 326 Project Procurement Management	C	3
PMG 421 Project Risk Management	C	3
PMG 422 Project Quality Management	C	3

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.		
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.		
AAS Transfer Degree Block of Credit Hours		60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.		

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Technical Communication), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: College of Integrative Sciences and Arts
Plan Code: LSTECBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
BAS Core		
ABS 350 Applied Statistics (QTRS) OR **PAF 301 Applied Statistics (QTRS)** OR **SOC 390 Social Statistics I (QTRS)**	C	3
MAT 114 College Mathematics (MATH)	C	3
TWC 301 Fundamentals of Writing for Digital Media	C	3
TWC 347 Written Communication for Managers	C	3
TWC 401 Fundamentals of Technical Communication	C	3
TWC 421 Principles of Web Authoring	C	3
Technical Communication Concentration Requirements		
TWC 411 Principles of Visual Communication	C	3
TWC 413 Managing and Analyzing Data OR **TWC 443 Grant & Proposal Writing**	C	3

Requirement	Minimum Grade	Credit Hours
OR **TWC 444 User Experience** OR **TWC 445 Content Strategy** OR **TWC 446 Technical and Scientific Reports**		
TWC 431 Principles of Technical Editing	C	3
TWC 451 Copyright and Intellectual Property in the Electronic Age OR **TWC 452 Information in the Digital Age** OR **TWC 453 Information and Communications Technology in American History** OR **TWC 454 Information Technology and Culture**	C	3
TWC 490 Capstone	C	3
Upper Division **TWC Elective**	C	6
Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.		
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.		
AAS Transfer Degree Block of Credit Hours		60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Communication, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSCOMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Communication Core		
COM 100 Introduction to Human Communication (SOBE)	C	3
COM 207 Critical Thinking and Writing in Communication	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
COM 230 Teamwork and Collaboration (SOBE) OR COM 259 Communication in Business and the Professions (CIVI)	C	3
COM 308 Communication Research Strategies	C	3
COM 420 Rhetoric and Community Advocacy OR COM 428 Graphic Novels and Popular Culture (HUAD) OR COM 464 Communicative Sexualities (SOBE) OR COM 467 Digital Rhetoric (HUAD) OR COM 494 Topic: Communicating with Artificial Intelligence OR COM 494 Topic: Cultures of Remembering OR COM 494 Topic: Propaganda, Persuasion, and Public	C	6

Requirement	Minimum Grade	Credit Hours
Opinion		
OR **COM 494 Topic: Communicating During a Pandemic**		
Students select two courses to complete the Required Upper Division Courses requirement.		

Communication Concentration

Upper Division Integrative Culture and Communication in Professions	C	9
COM 316 Gender and Communication (SOBE)		
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 363 Latinxs and the Media (SOBE)		
COM 364 Cultural Communicology (SOBE)		
COM 371 Language, Culture, and Communication (GCSI)		
COM 420 Rhetoric and Community Advocacy		
COM 428 Graphic Novels and Popular Culture (HUAD)		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 464 Communicative Sexualities (SOBE)		
COM 484 Internship		
OR **Upper Division Integrative Community Advocacy**		
COM 312 Communication, Conflict, and Negotiation (CIVI)		

Requirement	Minimum Grade	Credit Hours
COM 316 Gender and Communication (SOBE)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 321 Rhetorical Theory and Research		
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 326 Court Room Oratory		
COM 420 Rhetoric and Community Advocacy		
COM 421 Rhetoric of Social Issues		
COM 422 Advanced Argumentation (CIVI)		
COM 426 Political Communication		
COM 428 Graphic Novels and Popular Culture (HUAD)		
COM 467 Digital Rhetoric (HUAD)		
COM 484 Internship		

OR

Upper Division Integrative Communication Across Hispanic Communities

COM 363 Latinxs and the Media (SOBE)		
COM 364 Cultural Communicology (SOBE)		
COM 371 Language, Culture, and Communication (GCSI)		

Requirement	Minimum Grade	Credit Hours
COM 420 Rhetoric and Community Advocacy		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 464 Communicative Sexualities (SOBE)		
COM 484 Internship		
SPA 401 Spanish Oral Communication for the Professions		
SPA 404 Spanish in U. S. Professional Communities		
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)		

OR

Upper Division Integrative Communication and Technology in Society

COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 394 Topic: Communication in the Electronic Age		
COM 420 Rhetoric and Community Advocacy		
COM 421 Rhetoric of Social Issues		
COM 422 Advanced Argumentation (CIVI)		
COM 428 Graphic Novels and Popular Culture (HUAD)		
COM 467 Digital Rhetoric (HUAD)		

Requirement	Minimum Grade	Credit Hours
COM 484 Internship		

Students select one concentration and complete nine hours from that course list.

Communication Electives

Upper Division **COM Elective**	C	9

Second Language or Cultures Requirement

COM 263 Communication Across Cultures and Global Engagement (GCSI) **AND** **COM 371 Language, Culture and Communication (GCSI)** **OR** Language Requirement: satisfied through completion of a language course at the intermediate level (202 or equivalent) or higher.	C	6 - 16

Related Area Courses

Upper Division Related Area Courses	C	6
ENG 317 Cross-Cultural Writing (HUAD)		
HST 314 American Cultural History Since 1865		
JUS 432 Racial Justice (CIVI)		
MCO 418 History of Mass Communication (SOBE)		
MCO 450 Visual Communication (HUAD)		
MCO 456 Political Communication (CIVI)		

MCO 460 Race, Gender, and Media (SOBE)

PHI 306 Applied Ethics (CIVI)

POS 346 Problems of Democracy (HUAD)

POS 350 Comparative Politics (GCSI)

POS 435 Women and Politics (SOBE)

POS 442 American Political Thought (HUAD)

STS 330 Information Technology and Artificial Intelligence

STS 425 Law, Values, Science and Technology

TWC 301 Fundamentals of Writing for Digital Media

TWC 411 Principles of Visual Communication

TWC 452 Information in the Digital Age

TWC 453 Information and Communications Technology in American History

WST 375 Women and Social Change

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Counseling and Applied Psychological Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSCAPSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Counseling and Applied Psychological Science Core		
CAP 120 Introduction to Counseling (SOBE)	C	3
CAP 220 Self in a Multicultural Society (SOBE)	C	3
CAP 240 Counseling Skills	C	3
CAP 290 Research Methods in Counseling and Psychology (QTRS)	C	4
CAP 310 Addictions I: Foundations and Basic Principles	C	3
CAP 320 Theories of Counseling and Psychotherapy	C	3
CAP 340 Multicultural Counseling Theory and Practice	C	3
CAP 484 Internship	C	3
CED 250 Career Development	C	3
MAT 119 Finite Mathematics (MATH) OR MAT 170 Precalculus (MATH)	C	3

Requirement	Minimum Grade	Credit Hours
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

Counseling and Applied Psychological Science - Science

ABS Elective **AND** Scientific Thinking in Natural Sciences (SCIT) **OR** BIO Elective **AND** Scientific Thinking in Natural Sciences (SCIT) **OR** MIC Elective **AND** Scientific Thinking in Natural Sciences (SCIT)	4

Counseling and Applied Psychological Science Electives

Upper Division Counseling and Applied Psychological Science A Courses CAP 315 Trauma and Crisis Intervention CAP 316 Combat Trauma CAP 323 Psychology of Coaching CAP 325 Professional Practice and Ethics in Counseling CAP 330 Group Counseling CAP 335 Addiction Group Counseling CAP 336 Counseling Military Veterans	12

Requirement	Minimum Grade	Credit Hours
CAP 342 Community Outreach, Prevention and Intervention		
CAP 345 Social Issues in Counseling and Psychology		
CAP 351 Issues in Assessment, Diagnosis and Treatment		
CAP 400 Advanced Counseling Research Methods		
CAP 420 School Counseling		
CAP 440 Addictions II: Treatment, Recovery and Relapse Prevention		
Upper Division Upper Division Counseling and Applied Psychological Sciences B Courses		12
CDE 414 The School-Aged Child: Development in the Elementary Years		
ENG 420 Multicultural Autobiographies (HUAD)		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
JUS 305 Principles of Justice Studies (HUAD)		
PSY 304 Effective Thinking		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		

Requirement	Minimum Grade	Credit Hours
PSY 324 Memory and Cognition		
PSY 325 Physiological Psychology		
PSY 330 Statistical Methods (QTRS)		
PSY 341 Developmental Psychology (SOBE)		
PSY 369 Biology of Human Sexuality		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 385 Psychology of Gender (SOBE)		
PSY 399 Supervised Research		
PSY 425 Biological Bases of Behavior		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
PSY 462 Health Psychology		
PSY 465 Psychology of Stress and Coping		
PSY 470 Psychopharmacology		
PSY 472 Clinical Psychology		
PSY 499 Individualized Instruction		
SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 457 Southwest Borderland Immigration Issues (CIVI)		

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-CLS The ASU Experience		1
First-Year Composition		
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Counseling and Applied Psychological Science (Counseling Military Members and Veterans), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSCAPSMVBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Counseling and Applied Psychological Science Core		
CAP 120 Introduction to Counseling (SOBE)	C	3
CAP 220 Self in a Multicultural Society (SOBE)	C	3
CAP 240 Counseling Skills	C	3
CAP 290 Research Methods in Counseling and Psychology (QTRS)	C	4
CAP 310 Addictions I: Foundations and Basic Principles	C	3
CAP 320 Theories of Counseling and Psychotherapy	C	3
CAP 340 Multicultural Counseling Theory and Practice	C	3
CAP 484 Internship	C	3
CED 250 Career Development	C	3

Requirement	Minimum Grade	Credit Hours
MAT 119 Finite Mathematics (MATH) OR MAT 170 Precalculus (MATH)	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

Counseling Military Members and Veterans Concentration Requirements

CAP 222 Mental Performance	C	3
CAP 276 Fundamentals of Military Psychology and Counseling	C	3
CAP 316 Combat Trauma	C	3
CAP 325 Professional Practice and Ethics in Counseling	C	3
CAP 336 Counseling Military Veterans	C	3
CAP 345 Social Issues in Counseling and Psychology	C	3
MVS 100 Introduction to Military Studies	C	3
Upper Division Counseling and Applied Psychological Sciences Courses	C	9

- CAP 315 Trauma and Crisis Intervention
- CAP 330 Group Counseling
- CAP 335 Addiction Group Counseling

Requirement	Minimum Grade	Credit Hours
CAP 351 Issues in Assessment, Diagnosis and Treatment		
CAP 400 Advanced Counseling Research Methods		
CAP 440 Addictions II: Treatment, Recovery and Relapse Prevention		
PSY 302 The Psychology of Positive Leadership		
PSY 304 Effective Thinking		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 325 Physiological Psychology		
PSY 341 Developmental Psychology (SOBE)		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 465 Psychology of Stress and Coping		
PSY 470 Psychopharmacology		
PSY 472 Clinical Psychology		
PSY 474 Correctional Psychology		
Upper Division Military and Veterans Culture Courses	C	9
ASM 310 War and Peace: The Evolution of Conflict and Cooperation		
FAS 410 Military Family Systems in a Democracy		

Requirement	Minimum Grade	Credit Hours
HST 340 American Military History (HUAD)		
IAP 307 Art and War (GCSI)		
ISS 441 Conflict and Conflict Resolution		
ISS 456 Culture, Conflict and War		
JUS 467 Terrorism, War, and Justice (CIVI)		
MVS 301 Experience of America's Modern Wars		
MVS 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
MVS 316 Combat Trauma		
MVS 376 Writing a Personal History		
MVS 394 Special Topics		
MVS 395 Combat in Film		
MVS 400 Military Theory and Practice		
MVS 401 The Military: Law, Ethics and Culture		
MVS 402 Technology and Warfare		
MVS 403 American Military Leadership		
MVS 404 War and Memory		
POS 343 Humanitarian Crisis and International Intervention		
POS 378 Religion, War and Peace (CIVI)		

Requirement	Minimum Grade	Credit Hours
Counseling and Applied Psychological Science - Science		
ABS Elective **AND** Scientific Thinking in Natural Sciences (SCIT) **OR** **BIO Elective** **AND** Scientific Thinking in Natural Sciences (SCIT) **OR** **MIC Elective** **AND** Scientific Thinking in Natural Sciences (SCIT)		4
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-CLS The ASU Experience		1
First-Year Composition		
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Counseling and Applied Psychological Science (Sport and Performance Counseling), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSCAPSSPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Counseling and Applied Psychological Science Core		
BIO 160 Introduction to Anatomy and Physiology (SCIT)	C	4
CAP 120 Introduction to Counseling (SOBE)	C	3
CAP 220 Self in a Multicultural Society (SOBE)	C	3
CAP 240 Counseling Skills	C	3
CAP 290 Research Methods in Counseling and Psychology (QTRS)	C	4
CAP 310 Addictions I: Foundations and Basic Principles	C	3
CAP 320 Theories of Counseling and Psychotherapy	C	3
CAP 340 Multicultural Counseling Theory and Practice	C	3
CAP 484 Internship	C	3
CED 250 Career Development	C	3

Requirement	Minimum Grade	Credit Hours
MAT 119 Finite Mathematics (MATH) OR MAT 170 Precalculus (MATH)	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

Sports and Performance Counseling Concentration Requirements

CAP 221 Introduction to Sport, Exercise and Performance Psychology (SOBE)	C	3
CAP 222 Mental Performance	C	3
CAP 323 Psychology of Coaching	C	3
CAP 325 Professional Practice and Ethics in Counseling	C	3
CAP 345 Social Issues in Counseling and Psychology	C	3

Counseling and Applied Psychological Sciences - Electives

Upper Division Upper Division Counseling and Applied Psychological Sciences Course	6

- CAP 315 Trauma and Crisis Intervention
- CAP 316 Combat Trauma
- CAP 330 Group Counseling
- CAP 336 Counseling Military Veterans

Requirement	Minimum Grade	Credit Hours
CAP 342 Community Outreach, Prevention and Intervention		
CAP 400 Advanced Counseling Research Methods		
CAP 420 School Counseling		
COM 394 Topic: Soccer: The Global Game		
COM 494 Topic: Fans, Ultras, & Hooligans: Global Appeal of Soccer		
COM 494 Topic: Sports Films & Documentaries		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
HON 394 Topic: Soccer, Politics, and Identity		
PSY 304 Effective Thinking		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 325 Physiological Psychology		
PSY 330 Statistical Methods (QTRS)		
PSY 341 Developmental Psychology (SOBE)		
PSY 369 Biology of Human Sexuality		
PSY 370 Interpersonal Relationships (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 385 Psychology of Gender (SOBE)		
PSY 399 Supervised Research		
PSY 425 Biological Bases of Behavior		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
PSY 465 Psychology of Stress and Coping		
PSY 472 Clinical Psychology		
PSY 499 Individualized Instruction		
SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR ENG 105 Advanced First-Year Composition	C	6
OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSCAPSAABS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Counseling and Applied Psychological Science Core		
BIO 181 General Biology I (SCIT)	C	4
CAP 120 Introduction to Counseling (SOBE)	C	3
CAP 220 Self in a Multicultural Society (SOBE)	C	3
CAP 240 Counseling Skills	C	3
CAP 290 Research Methods in Counseling and Psychology (QTRS)	C	4
CAP 310 Addictions I: Foundations and Basic Principles	C	3
CAP 320 Theories of Counseling and Psychotherapy	C	3
CAP 340 Multicultural Counseling Theory and Practice	C	3
CAP 484 Internship	C	3
CED 250 Career Development	C	3

Requirement	Minimum Grade	Credit Hours
MAT 119 Finite Mathematics (MATH) OR MAT 170 Precalculus (MATH)	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

Substance Abuse and Addictions Concentration Requirements

CAP 325 Professional Practice and Ethics in Counseling	C	3
CAP 335 Addiction Group Counseling	C	3
CAP 351 Issues in Assessment, Diagnosis and Treatment	C	3
CAP 440 Addictions II: Treatment, Recovery and Relapse Prevention	C	3
PSY 470 Psychopharmacology	C	3

Counseling and Applied Psychological Sciences - Electives

Upper Division Counseling and Applied Psychological Sciences Courses		6

- CAP 315 Trauma and Crisis Intervention
- CAP 316 Combat Trauma
- CAP 330 Group Counseling
- CAP 336 Counseling Military Veterans

Requirement	Minimum Grade	Credit Hours
CAP 342 Community Outreach, Prevention and Intervention		
CAP 345 Social Issues in Counseling and Psychology		
CAP 400 Advanced Counseling Research Methods		
CAP 420 School Counseling		
FAS 331 Modern Family Relationships (SOBE)		
FAS 370 Family Ethnic and Cultural Diversity (CIVI)		
JUS 305 Principles of Justice Studies (HUAD)		
PSY 304 Effective Thinking		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 325 Physiological Psychology		
PSY 330 Statistical Methods (QTRS)		
PSY 341 Developmental Psychology (SOBE)		
PSY 369 Biology of Human Sexuality		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 385 Psychology of Gender (SOBE)		
PSY 399 Supervised Research		

Requirement	Minimum Grade	Credit Hours
PSY 425 Biological Bases of Behavior		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
PSY 465 Psychology of Stress and Coping		
PSY 472 Clinical Psychology		
PSY 499 Individualized Instruction		
SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR ENG 105 Advanced First-Year Composition	C	6
OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSENGBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
ENG 200 Critical Reading and Writing About Literature (HUAD)	C	3
200-Level ENG Literature Course **ENG 201 World Literature (HUAD)** **ENG 202 World Literature (HUAD)** **ENG 204 Topics in Contemporary Literature (HUAD)** **ENG 221 Survey of English Literature (HUAD)** **ENG 222 Survey of English Literature (HUAD)** **ENG 241 Literatures of the United States to 1860 (HUAD)** **ENG 242 Literatures of the United States, 1860 to Present (HUAD)**	C	3
AND Humanities, Arts and Design (HUAD)		
Literature Courses	C	3

Requirement	Minimum Grade	Credit Hours
ENG 303 Classical Backgrounds of English Literature (HUAD)		
ENG 320 Medievalism in Modern Culture		
ENG 321 Shakespeare (HUAD)		
ENG 328 The Novel to Jane Austen (HUAD)		
ENG 329 19th-Century British Fiction		
ENG 335 American Poetry		
ENG 337 Major American Novels		
ENG 352 Short Story (HUAD)		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		
ENG 473 Critical Approaches to Children's Literature		
200-Level ENG Writing Course		
ENG 210 Introduction to Creative Writing		
ENG 215 Strategies of Academic Writing		
ENG 216 Persuasive Writing on Public Issues (CIVI)	C	3
ENG 217 Writing Reflective Essays (HUAD)		
ENG 218 Writing About Literature		
ENG 243 Introduction to Writing Family History		

Requirement	Minimum Grade	Credit Hours
Upper Division Ethnicity and Gender Courses		
ENG 333 American Ethnic Literature	C	3
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 359 Indigenous American Literature		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 364 Women and Literature (HUAD)		
Upper Division Film and Popular Culture Courses		
ENG 320 Medievalism in Modern Culture	C	3
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 365 History of Film (HUAD)		
ENG 366 Literature on Film		
ENG 367 Environmental Issues in Literature and Film		
ENG 446 Visual Narratives (HUAD)		
ENG 464 Great Directors		
ENG 466 Studies in International Film		
ENG 467 American Film Musicals (HUAD)		

Requirement	Minimum Grade	Credit Hours
ENG 498 Pro-Seminar	C	3

English Elective Courses

ENG Elective	C	15
Upper Division **ENG Elective**	C	9

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

At least 12 hours of upper-division ENG courses must be taken from courses offered by the College of Integrative Sciences and Arts.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - General Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSGNSBGS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Required Major Course		
IDS 321 Topic: The University in the World OR **UNI 400 Society and the Individual**	C	3
Major Clusters		
Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits.		
Global and Natural Science Perspectives	C	6
Upper Division ABS Elective		
Upper Division BIO Elective		
Upper Division CHM Elective		
COM 316 Gender and Communication (SOBE)		
COM 363 Latinxs and the Media (SOBE)		
ENG 201 World Literature (HUAD)		

Requirement	Minimum Grade	Credit Hours
ENG 202 World Literature (HUAD)		
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 317 Cross-Cultural Writing (HUAD)		
HCR 230 Culture and Health (GCSI) **or** **HSC 210 Cultural Aspects of Health (GCSI)**		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HST 101 Global History Since 1500 (HUAD)		
HST 104 Modern Europe: French Revolution to European Union (GCSI)		
HST 230 Introduction to Jewish Civilization (GCSI)		
HST 306 Studies in United States History		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 364 Sex and Society in Europe (HUAD)		
HST 368 Culture and Imagination in European History		
HST 372 Modern Middle East (GCSI)		
HST 430 The Ottoman Empire in the Classical Period		
Upper Division MAT Elective		
MCO 430 International Mass Communication (GCSI)		

Requirement	Minimum Grade	Credit Hours
REL 100 Religions of the World (HUAD)		
REL 201 Religion and the Modern World (HUAD)		
REL 365 Islamic Civilization (HUAD)		
REL 369 Women in Islam		
REL 390 Women, Gender and Religion (GCSI)		
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)		
Upper Division STP Elective		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
TDM 205 Introduction to Travel and Tourism (GCSI)		
WST 100 Women, Gender, and Society (SOBE) **or** **WST 300 Women and Gender in Contemporary Society (SOBE)**		
WST 380 Race, Gender, and Class (SOBE)		
WST 390 Women, Gender and Religion (GCSI)		
Upper Division Global and Natural Science Perspectives	C	3
Upper Division ABS Elective		
Upper Division BIO Elective		
Upper Division CHM Elective		

Requirement	Minimum Grade	Credit Hours
COM 316 Gender and Communication (SOBE)		
COM 363 Latinxs and the Media (SOBE)		
ENG 317 Cross-Cultural Writing (HUAD)		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HST 306 Studies in United States History		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 364 Sex and Society in Europe (HUAD)		
HST 368 Culture and Imagination in European History		
HST 372 Modern Middle East (GCSI)		
HST 430 The Ottoman Empire in the Classical Period		
Upper Division MAT Elective		
MCO 430 International Mass Communication (GCSI)		
REL 365 Islamic Civilization (HUAD)		
REL 369 Women in Islam		
REL 390 Women, Gender and Religion (GCSI)		
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)		
Upper Division STP Elective		
SWU 456 Immigrants and Refugees (CIVI)		

Requirement	Minimum Grade	Credit Hours
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
WST 380 Race, Gender, and Class (SOBE)		
WST 390 Women, Gender and Religion (GCSI)		
Organizations, Technology, and Ethics	C	3
CAP 342 Community Outreach, Prevention and Intervention		
CHM 107 Chemistry and Society (SCIT)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 467 Digital Rhetoric (HUAD)		
CRJ 350 Law and Social Control (CIVI)		
CRJ 403 Victims and the Criminal Justice System		
CRJ 404 Juvenile Delinquency		
CRJ 405 Neighborhoods and Crime (CIVI)		
CRJ 406 Sex Crimes		
CRJ 408 Drugs and Crime		
CRJ 422 Violence in America		
CRJ 461 Intimate-Partner Violence		
CRJ 462 Gangs		
CRJ 463 White Collar Crime		

Requirement	Minimum Grade	Credit Hours
CRJ 470 Discretionary Justice (SOBE)		
HCI 150 Introduction to Health Innovation		
HCI 250 Health Entrepreneurship and Value Creation		
HCR 210 Ethics for the Health Care Professional (HUAD)		
HCR 230 Culture and Health (GCSI) **or** HSC 210 Cultural Aspects of Health (GCSI)		
HCR 231 Fundamentals of Community Health		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HCR 331 Communication within Communities		
HST 333 African American History to 1865 (AMIT)		
MCO 120 Media and Society (HUAD)		
MCO 240 Media Issues in American Pop Culture		
MCO 335 Social Media Foundations		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MVS 301 Experience of America's Modern Wars		
MVS 302 Military and Veterans in Media and Arts (HUAD)		

Requirement	Minimum Grade	Credit Hours
NLM 160 Voluntary Action and Community Leadership (CIVI)		
NLM 220 Introduction to Nonprofit Organizations		
NLM 300 Fund Raising and Resource Development		
NLM 310 Strategic Volunteer Engagement (CIVI)		
OGL 220 Behavioral Dynamics in Organizations (SOBE)		
OGL 260 Resource Allocation in Organizations (SUST)		
OGL 300 Theory and Practice of Leadership		
OGL 343 Social Processes in Organizations (SOBE)		
OGL 345 Organizational Ethics (HUAD)		
OGL 350 Diversity and Organizations (GCSI)		
OGL 355 Leading Organizational Innovation and Change		
OGL 357 Assessment in Organizations		
OGL 360 Assessment of Leadership Effectiveness		
PAF 220 Introduction to Urban America		
PAF 240 Urban Policy		
PAF 305 Urban Governance		
PAF 311 Leadership and Change (SOBE)		
PAF 351 Urban and Metropolitan Studies		
PAF 352 Urban Theory		

Requirement	Minimum Grade	Credit Hours
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
PAF 460 Public Service Ethics		
PHI 101 Introduction to Philosophy (HUAD)		
PHI 105 Intro to Ethics (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PRM 145 Special Events Management		
PRM 487 Advanced Special Events Management		
SPA 317 Spanish for Professional Success		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 401 Spanish Oral Communication for the Professions		
SPA 402 Mastering Professional Spanish Writing		
SPA 404 Spanish in U. S. Professional Communities		
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)		
SPA 406 Introduction to Spanish/English Medical Interpretation		
STS 101 Introduction to Science, Technology and Society (SOBE)		
STS 102 Engineering for All (HUAD)		

Requirement	Minimum Grade	Credit Hours
STS 110 Global Technology and Development		
STS 194 Special Topics		
STS 200 Yesterday's Tomorrows: A History of the Future (HUAD)		
STS 203 Animals, Technology and Society (HUAD)		
STS 235 Technology and Urban Systems		
STS 260 Politics of Science and Technology		
STS 294 Special Topics		
STS 301 Research in Science and Technology Studies		
STS 302 Philosophy of Science and Technology		
STS 304 Science, Technology and Society (SOBE)		
STS 305 Science and Social Theory		
STS 306 Social Effects of Science and Technology		
STS 317 Science, Technology, and Global Engagement		
STS 318 Science, Technology, and Government		
STS 325 Science, Technology, and Public Policy		
STS 328 Science, Technology, and Culture		
STS 329 Technology in Developing Countries		
STS 331 Ethical Issues in Science and Technology		
STS 332 Global Issues in Science and Technology		

Requirement	Minimum Grade	Credit Hours
STS 364 Science, Technology, and National Security		
STS 394 Topic: Contro in Med, Tech, & Env		
STS 394 Topic: Frankenstein to the Matrix		
STS 394 Topic: Global Env Issues		
STS 394 Special Topics		
STS 401 Statistics in Science and Technology Studies (QTRS)		
STS 425 Law, Values, Science and Technology		
STS 492 Honors Directed Study		
STS 493 Honors Thesis		
STS 494 Topic: Brave New World: Sci Fiction, Fact & Future		
STS 494 Topic: International Health and Technology		
STS 494 Topic: Narrative, Technology, and Society		
STS 494 Topic: Science of Detecting Suicide Bombers		
STS 494 Topic: Social Mobility, Justice, and Technology		
STS 494 Special Topics		
STS 498 Pro-Seminar		
STS 499 Individualized Instruction		
SWU 171 Introduction to Social Work (SOBE)		
SWU 181 Economics: A Social Issues Perspective		

Requirement	Minimum Grade	Credit Hours
SWU 182 Social Services Perspective of Government (AMIT)		
SWU 183 Introductory Ethics: A Social Issues Perspectives (HUAD)		
SWU 432 Social Policy and Services		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)		
TDM 205 Introduction to Travel and Tourism (GCSI)		
TWC 201 Writing for Digital Media		
TWC 214 Storytelling with Data		
TWC 294 Topic: From Gutenberg to Google: A History of Information		
TWC 294 Special Topics		
TWC 305 Research in Technical Communication		
TWC 312 Introduction to Visual Culture		
TWC 351 Copyright and Intellectual Property		
TWC 362 Writing in Health Professions		
TWC 371 The Science of Science Communication		
TWC 401 Fundamentals of Technical Communication		

Requirement	Minimum Grade	Credit Hours
TWC 414 Advanced Data Visualization		
TWC 430 Digital Accessibility		
TWC 436 Project Management in Technical Communication		
TWC 446 Technical and Scientific Reports		
TWC 447 User Experience in Medicine and Health		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		
TWC 453 Information and Communications Technology in American History		
TWC 455 Digital Ethics in Internet Policy and Governance		
TWC 484 Internship		
TWC 492 Honors Directed Study		
TWC 494 Topic: Intellectual Property		
TWC 494 Special Topics		
TWC 494 Topic: Strategic Medical and Health Communication		
TWC 494 Topic: UX Writing		
Upper Division Organizations, Technology, and Ethics	C	6

Requirement	Minimum Grade	Credit Hours
CAP 342 Community Outreach, Prevention and Intervention		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 467 Digital Rhetoric (HUAD)		
CRJ 350 Law and Social Control (CIVI)		
CRJ 403 Victims and the Criminal Justice System		
CRJ 404 Juvenile Delinquency		
CRJ 405 Neighborhoods and Crime (CIVI)		
CRJ 406 Sex Crimes		
CRJ 408 Drugs and Crime		
CRJ 422 Violence in America		
CRJ 461 Intimate-Partner Violence		
CRJ 462 Gangs		
CRJ 463 White Collar Crime		
CRJ 470 Discretionary Justice (SOBE)		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HCR 331 Communication within Communities		
HST 333 African American History to 1865 (AMIT)		
MCO 335 Social Media Foundations		
MCO 425 Digital Media Literacy I		

Requirement	Minimum Grade	Credit Hours
MCO 426 Digital Media Literacy II		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MVS 301 Experience of America's Modern Wars		
MVS 302 Military and Veterans in Media and Arts (HUAD)		
NLM 300 Fund Raising and Resource Development		
NLM 310 Strategic Volunteer Engagement (CIVI)		
OGL 300 Theory and Practice of Leadership		
OGL 343 Social Processes in Organizations (SOBE)		
OGL 345 Organizational Ethics (HUAD)		
OGL 350 Diversity and Organizations (GCSI)		
OGL 355 Leading Organizational Innovation and Change		
OGL 357 Assessment in Organizations		
OGL 360 Assessment of Leadership Effectiveness		
PAF 305 Urban Governance		
PAF 311 Leadership and Change (SOBE)		
PAF 351 Urban and Metropolitan Studies		
PAF 352 Urban Theory		
PAF 410 Building Leadership Skills (SOBE)		

Requirement	Minimum Grade	Credit Hours
PAF 420 Managing Across Boundaries		
PAF 460 Public Service Ethics		
PHI 306 Applied Ethics (CIVI)		
PRM 487 Advanced Special Events Management		
SPA 317 Spanish for Professional Success		
SPA 318 Advanced Spanish for Health Care Professionals		
SPA 401 Spanish Oral Communication for the Professions		
SPA 402 Mastering Professional Spanish Writing		
SPA 404 Spanish in U. S. Professional Communities		
SPA 405 Latino Cultural Perspectives for the Professions (HUAD)		
SPA 406 Introduction to Spanish/English Medical Interpretation		
STS 301 Research in Science and Technology Studies		
STS 302 Philosophy of Science and Technology		
STS 304 Science, Technology and Society (SOBE)		
STS 305 Science and Social Theory		
STS 306 Social Effects of Science and Technology		
STS 317 Science, Technology, and Global Engagement		
STS 318 Science, Technology, and Government		

Requirement	Minimum Grade	Credit Hours
STS 325 Science, Technology, and Public Policy		
STS 328 Science, Technology, and Culture		
STS 329 Technology in Developing Countries		
STS 331 Ethical Issues in Science and Technology		
STS 332 Global Issues in Science and Technology		
STS 364 Science, Technology, and National Security		
STS 394 Topic: Contro in Med, Tech, & Env		
STS 394 Topic: Frankenstein to the Matrix		
STS 394 Topic: Global Env Issues		
STS 394 Special Topics		
STS 401 Statistics in Science and Technology Studies (QTRS)		
STS 425 Law, Values, Science and Technology		
STS 492 Honors Directed Study		
STS 493 Honors Thesis		
STS 494 Topic: Brave New World: Sci Fiction, Fact & Future		
STS 494 Topic: International Health and Technology		
STS 494 Topic: Narrative, Technology, and Society		
STS 494 Topic: Science of Detecting Suicide Bombers		
STS 494 Topic: Social Mobility, Justice, and Technology		

Requirement	Minimum Grade	Credit Hours
STS 494 Special Topics		
STS 498 Pro-Seminar		
STS 499 Individualized Instruction		
SWU 432 Social Policy and Services		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)		
TWC 305 Research in Technical Communication		
TWC 312 Introduction to Visual Culture		
TWC 351 Copyright and Intellectual Property		
TWC 362 Writing in Health Professions		
TWC 371 The Science of Science Communication		
TWC 401 Fundamentals of Technical Communication		
TWC 414 Advanced Data Visualization		
TWC 430 Digital Accessibility		
TWC 436 Project Management in Technical Communication		
TWC 446 Technical and Scientific Reports		
TWC 447 User Experience in Medicine and Health		

Requirement	Minimum Grade	Credit Hours
TWC 451 Copyright and Intellectual Property in the Electronic Age		
TWC 452 Information in the Digital Age		
TWC 453 Information and Communications Technology in American History		
TWC 455 Digital Ethics in Internet Policy and Governance		
TWC 484 Internship		
TWC 492 Honors Directed Study		
TWC 494 Topic: Intellectual Property		
TWC 494 Special Topics		
TWC 494 Topic: Strategic Medical and Health Communication		
TWC 494 Topic: UX Writing		
National and Civil Service and Professional Studies	C	6
AES 101 Department of the Air Force Professionalism		
AES 201 Team and Leadership Fundamentals I		
AES 203 Team and Leadership Fundamentals II		
AES 301 Leading People and Effective Communication I		
AES 303 Leading People and Effective Communication II		

Requirement	Minimum Grade	Credit Hours
AES 401 National Security, Leadership Responsibilities and Commissioning Preparation I		
COM 259 Communication in Business and the Professions (CIVI)		
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 371 Language, Culture and Communication (GCSI)		
CRJ 100 Introduction to Criminal Justice (SOBE)		
CRJ 201 Criminal Justice Crime Control Policies and Practices (SOBE)		
CRJ 350 Law and Social Control (CIVI)		
CRJ 403 Victims and the Criminal Justice System		
CRJ 404 Juvenile Delinquency		
CRJ 405 Neighborhoods and Crime (CIVI)		
CRJ 406 Sex Crimes		
CRJ 408 Drugs and Crime		
CRJ 422 Violence in America		
CRJ 461 Intimate-Partner Violence		

Requirement	Minimum Grade	Credit Hours
CRJ 462 Gangs		
CRJ 463 White Collar Crime		
CRJ 470 Discretionary Justice (SOBE)		
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 301 Writing for the Professions		
ENG 317 Cross-Cultural Writing (HUAD)		
HCR 231 Fundamentals of Community Health		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HCR 331 Communication within Communities		
MCO 456 Political Communication (CIVI)		
MIS 101 Introduction to the United States Army		
MIS 102 Foundation of Agile and Adaptive Leadership		
MIS 201 Army Leadership and Decision Making		
MIS 202 Army Doctrine and Team Development		
MIS 301 Training Management and the Warfighting Functions		
MIS 302 Applied Leadership in Small-Unit Operations		
MVS 100 Introduction to Military Studies (AMIT)		
MVS 200 The Military Culture and American Society		

Requirement	Minimum Grade	Credit Hours
MVS 201 Interdisciplinary Approaches to Conflict and War		
MVS 202 Exploring Veteran Culture		
MVS 276 Fundamentals of Military Psychology and Counseling		
MVS 294 Special Topics		
MVS 300 Fighting for American Ideals		
MVS 301 Experience of America's Modern Wars		
MVS 302 Military and Veterans in Media and Arts (HUAD)		
MVS 316 Combat Trauma		
MVS 376 Writing a Personal History		
MVS 394 Topic: Brutality and Beauty: The Poetry of Conflict		
MVS 394 Special Topics		
MVS 394 Topic: Veterans, Science Fiction, and the Future		
MVS 394 Topic: War & Popular Culture		
MVS 395 Combat in Film		
MVS 400 Military Theory and Practice		
MVS 402 Technology and Warfare (GCSI)		
MVS 403 American Military Leadership		

Requirement	Minimum Grade	Credit Hours
MVS 404 War and Memory		
MVS 484 Internship		
MVS 485 Military and Veterans Studies Portfolio and Performance Assessment		
MVS 489 Undergraduate Research		
MVS 493 Honors Thesis		
MVS 494 Special Topics		
MVS 498 Pro-Seminar		
MVS 499 Individualized Instruction		
NAV 101 Introduction to Naval Science		
NAV 102 Sea Power and Maritime Affairs		
NAV 402 Leadership and Ethics		
NLM 160 Voluntary Action and Community Leadership (CIVI)		
NLM 220 Introduction to Nonprofit Organizations		
NLM 300 Fund Raising and Resource Development		
NLM 310 Strategic Volunteer Engagement (CIVI)		
OGL 220 Behavioral Dynamics in Organizations (SOBE)		
OGL 260 Resource Allocation in Organizations (SUST)		
OGL 300 Theory and Practice of Leadership		
OGL 343 Social Processes in Organizations (SOBE)		

Requirement	Minimum Grade	Credit Hours
OGL 345 Organizational Ethics (HUAD)		
OGL 350 Diversity and Organizations (GCSI)		
OGL 355 Leading Organizational Innovation and Change		
OGL 357 Assessment in Organizations		
OGL 360 Assessment of Leadership Effectiveness		
PAF 240 Urban Policy		
PAF 305 Urban Governance		
PAF 311 Leadership and Change (SOBE)		
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
PAF 460 Public Service Ethics		
SWU 181 Economics: A Social Issues Perspective		
SWU 182 Social Services Perspective of Government (AMIT)		
SWU 432 Social Policy and Services		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
USL 210 Service Learning: Intro to Diverse Community Issues		
USL 402 Service Learning: Education & Youth		

Requirement	Minimum Grade	Credit Hours
Upper Division National and Civil Service and Professional Studies	C	3
AES 301 Leading People and Effective Communication I		
AES 303 Leading People and Effective Communication II		
AES 401 National Security, Leadership Responsibilities and Commissioning Preparation I		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 371 Language, Culture and Communication (GCSI)		
CRJ 350 Law and Social Control (CIVI)		
CRJ 403 Victims and the Criminal Justice System		
CRJ 404 Juvenile Delinquency		
CRJ 405 Neighborhoods and Crime (CIVI)		
CRJ 406 Sex Crimes		
CRJ 408 Drugs and Crime		
CRJ 422 Violence in America		
CRJ 461 Intimate-Partner Violence		
CRJ 462 Gangs		
CRJ 463 White Collar Crime		

Requirement	Minimum Grade	Credit Hours
CRJ 470 Discretionary Justice (SOBE)		
ENG 301 Writing for the Professions		
ENG 317 Cross-Cultural Writing (HUAD)		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HCR 331 Communication within Communities		
MCO 456 Political Communication (CIVI)		
MIS 301 Training Management and the Warfighting Functions		
MIS 302 Applied Leadership in Small-Unit Operations		
MVS 300 Fighting for American Ideals		
MVS 301 Experience of America's Modern Wars		
MVS 302 Military and Veterans in Media and Arts (HUAD)		
MVS 316 Combat Trauma		
MVS 376 Writing a Personal History		
MVS 394 Topic: Brutality and Beauty: The Poetry of Conflict		
MVS 394 Special Topics		
MVS 394 Topic: Veterans, Science Fiction, and the Future		
MVS 394 Topic: War & Popular Culture		
MVS 395 Combat in Film		

Requirement	Minimum Grade	Credit Hours
MVS 400 Military Theory and Practice		
MVS 402 Technology and Warfare (GCSI)		
MVS 403 American Military Leadership		
MVS 404 War and Memory		
MVS 484 Internship		
MVS 485 Military and Veterans Studies Portfolio and Performance Assessment		
MVS 489 Undergraduate Research		
MVS 493 Honors Thesis		
MVS 494 Special Topics		
MVS 498 Pro-Seminar		
MVS 499 Individualized Instruction		
NAV 402 Leadership and Ethics		
NLM 300 Fund Raising and Resource Development		
NLM 310 Strategic Volunteer Engagement (CIVI)		
OGL 300 Theory and Practice of Leadership		
OGL 343 Social Processes in Organizations (SOBE)		
OGL 345 Organizational Ethics (HUAD)		
OGL 350 Diversity and Organizations (GCSI)		
OGL 355 Leading Organizational Innovation and Change		

Requirement	Minimum Grade	Credit Hours
OGL 357 Assessment in Organizations		
OGL 360 Assessment of Leadership Effectiveness		
PAF 305 Urban Governance		
PAF 311 Leadership and Change (SOBE)		
PAF 410 Building Leadership Skills (SOBE)		
PAF 420 Managing Across Boundaries		
PAF 460 Public Service Ethics		
SWU 432 Social Policy and Services		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 457 Southwest Borderland Immigration Issues (CIVI)		
USL 402 Service Learning: Education & Youth		
Humanities, Identities, and Society	C	3
CAP 220 Self in a Multicultural Society (SOBE)		
CDE 232 Human Development (SOBE)		
COM 100 Introduction to Human Communication (SOBE)		
COM 207 Critical Thinking and Writing in Communication		
COM 222 Argumentation (CIVI)		
COM 225 Public Speaking and Presentations (CIVI)		

Requirement	Minimum Grade	Credit Hours
COM 230 Teamwork and Collaboration (SOBE)		
COM 250 Communication and the Workplace (SOBE)		
COM 259 Communication in Business and the Professions (CIVI)		
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		
COM 371 Language, Culture and Communication (GCSI)		
COM 464 Communicative Sexualities (SOBE)		
CRJ 350 Law and Social Control (CIVI)		
CRJ 403 Victims and the Criminal Justice System		
CRJ 404 Juvenile Delinquency		
CRJ 405 Neighborhoods and Crime (CIVI)		
CRJ 406 Sex Crimes		

Requirement	Minimum Grade	Credit Hours
CRJ 408 Drugs and Crime		
CRJ 422 Violence in America		
CRJ 461 Intimate-Partner Violence		
CRJ 462 Gangs		
CRJ 463 White Collar Crime		
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 218 Writing About Literature		
ENG 287 Beginning Creative Writing Workshop in Poetry (HUAD)		
ENG 288 Beginning Creative Writing Workshop in Fiction (HUAD)		
ENG 301 Writing for the Professions		
ENG 364 Women and Literature (HUAD)		
ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice		
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
HCR 230 Culture and Health (GCSI) **or** HSC 210 Cultural Aspects of Health (GCSI)		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HCR 331 Communication within Communities		

Requirement	Minimum Grade	Credit Hours
HST 110 United States Since 1865 (HUAD)		
HST 230 Introduction to Jewish Civilization (GCSI)		
HST 306 Topic: The Civil Rights Movement		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 333 African American History to 1865 (AMIT)		
HST 368 Culture and Imagination in European History		
HST 372 Modern Middle East (GCSI)		
HST 430 The Ottoman Empire in the Classical Period		
IDS 310 Topic: Immigration: From Debate to Reform		
IDS 310 Integration: Cultural Contexts		
IDS 310 Topic: Integrative Performance		
IDS 311 Topic: European Jewish Life Today		
IDS 311 Topic: Food, Commodities, and Cultures		
IDS 311 Integration: Global Contexts		
IDS 311 Topic: Integrative Sustainability: Past, Future,Practice		
IDS 311 Topic: Reifying Conservation		
IDS 312 Topic: Death and Dying: An Interdisciplinary Approach		
IDS 312 Topic: Debt: Philosophy, Society, History		

Requirement	Minimum Grade	Credit Hours
IDS 312 Integrative Perspectives on Change		
IDS 312 Topic: Law and American Institutions		
IDS 312 Topic: Predators, Pets, and Pests		
IDS 312 Topic: Supernatural as Natural: Religion in our Evolution		
IDS 313 Topic: Chocolate in Global History		
IDS 313 Topic: Coffee in Global History		
IDS 313 Topic: Global Governance: International Organizations		
IDS 313 Topic: History/Cultural Impacts of Gaming in Global Cxt		
IDS 313 Topic: Identity and Conflict in Europe		
IDS 313 Integrative Perspectives on a Changing World		
IDS 313 Topic: Science, Technology, and Innovation		
IDS 313 Topic: Sex and Sexuality Across Time and Place		
IDS 313 Topic: Sugar in Global History		
IDS 313 Topic: Technology and Global Conflict		
IDS 313 Topic: The Cultural and Chemical History of Beer		
IDS 314 Topic: Analyzing War-ganizations		
IDS 314 Integrative Perspectives on Cultural Dynamics		
IDS 314 Topic: The Cultures of the West		

Requirement	Minimum Grade	Credit Hours
IDS 315 Topic: How to Become an Influencer		
IDS 315 Integration: Social Contexts		
IDS 315 Topic: Sports Fans		
IDS 315 Topic: The Global Workplace		
IDS 315 Topic: The Integrative Nature of Behavioral Dynamics		
IDS 315 Topic: The Political Economy of Work and Organizations		
IDS 316 Topic: Graphic Medicine: Comics, Illness, and Healthcare		
IDS 316 Topic: Integral Spirituality		
IDS 316 Topic: Integration in the Creative Process		
IDS 316 Integration: Humanities Contexts		
IDS 316 Topic: Mixed Media Art Journaling		
IDS 316 Topic: Park Futures		
IDS 316 Topic: The Nature of Consciousness		
MCO 335 Social Media Foundations		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MVS 301 Experience of America's Modern Wars		
MVS 302 Military and Veterans in Media and Arts (HUAD)		

Requirement	Minimum Grade	Credit Hours
PHI 101 Introduction to Philosophy (HUAD)		
PHI 105 Intro to Ethics (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PSY 101 Introduction to Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
REL 100 Religions of the World (HUAD)		
REL 101 Religion, Culture and Public Life (HUAD)		
REL 201 Religion and the Modern World (HUAD)		
REL 240 Introduction to Southeast Asia		
REL 365 Islamic Civilization (HUAD)		
REL 369 Women in Islam		
REL 390 Women, Gender and Religion (GCSI)		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)		
WST 100 Women, Gender, and Society (SOBE) **or** WST 300 Women and Gender in Contemporary Society (SOBE)		
WST 380 Race, Gender, and Class (SOBE)		
WST 390 Women, Gender and Religion (GCSI)		

Requirement	Minimum Grade	Credit Hours
Upper Division Humanities, Identities, and Society	C	6
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 362 Urban Communication: Reinventing the Latinx City		
COM 363 Latinxs and the Media (SOBE)		
COM 371 Language, Culture and Communication (GCSI)		
COM 464 Communicative Sexualities (SOBE)		
CRJ 350 Law and Social Control (CIVI)		
CRJ 403 Victims and the Criminal Justice System		
CRJ 404 Juvenile Delinquency		
CRJ 405 Neighborhoods and Crime (CIVI)		
CRJ 406 Sex Crimes		
CRJ 408 Drugs and Crime		
CRJ 422 Violence in America		
CRJ 461 Intimate-Partner Violence		
CRJ 462 Gangs		
CRJ 463 White Collar Crime		

Requirement	Minimum Grade	Credit Hours
ENG 301 Writing for the Professions		
ENG 364 Women and Literature (HUAD)		
ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice		
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
HCR 310 Fundamentals of Human Trafficking (SOBE)		
HCR 331 Communication within Communities		
HST 306 Topic: The Civil Rights Movement		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 333 African American History to 1865 (AMIT)		
HST 368 Culture and Imagination in European History		
HST 372 Modern Middle East (GCSI)		
HST 430 The Ottoman Empire in the Classical Period		
IDS 310 Topic: Immigration: From Debate to Reform		
IDS 310 Integration: Cultural Contexts		
IDS 310 Topic: Integrative Performance		
IDS 311 Topic: European Jewish Life Today		
IDS 311 Topic: Food, Commodities, and Cultures		
IDS 311 Integration: Global Contexts		

Requirement	Minimum Grade	Credit Hours
IDS 311 Topic: Integrative Sustainability: Past, Future,Practice		
IDS 311 Topic: Reifying Conservation		
IDS 312 Topic: Death and Dying: An Interdisciplinary Approach		
IDS 312 Topic: Debt: Philosophy, Society, History		
IDS 312 Integrative Perspectives on Change		
IDS 312 Topic: Law and American Institutions		
IDS 312 Topic: Predators, Pets, and Pests		
IDS 312 Topic: Supernatural as Natural: Religion in our Evolution		
IDS 313 Topic: Chocolate in Global History		
IDS 313 Topic: Coffee in Global History		
IDS 313 Topic: Global Governance: International Organizations		
IDS 313 Topic: History/Cultural Impacts of Gaming in Global Cxt		
IDS 313 Topic: Identity and Conflict in Europe		
IDS 313 Integrative Perspectives on a Changing World		
IDS 313 Topic: Science, Technology, and Innovation		
IDS 313 Topic: Sex and Sexuality Across Time and Place		
IDS 313 Topic: Sugar in Global History		

Requirement	Minimum Grade	Credit Hours
IDS 313 Topic: Technology and Global Conflict		
IDS 313 Topic: The Cultural and Chemical History of Beer		
IDS 314 Topic: Analyzing War-ganizations		
IDS 314 Integrative Perspectives on Cultural Dynamics		
IDS 314 Topic: The Cultures of the West		
IDS 315 Topic: How to Become an Influencer		
IDS 315 Integration: Social Contexts		
IDS 315 Topic: Sports Fans		
IDS 315 Topic: The Global Workplace		
IDS 315 Topic: The Integrative Nature of Behavioral Dynamics		
IDS 315 Topic: The Political Economy of Work and Organizations		
IDS 316 Topic: Graphic Medicine: Comics, Illness, and Healthcare		
IDS 316 Topic: Integral Spirituality		
IDS 316 Topic: Integration in the Creative Process		
IDS 316 Integration: Humanities Contexts		
IDS 316 Topic: Mixed Media Art Journaling		
IDS 316 Topic: Park Futures		
IDS 316 Topic: The Nature of Consciousness		

Requirement	Minimum Grade	Credit Hours
MCO 335 Social Media Foundations		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MVS 301 Experience of America's Modern Wars		
MVS 302 Military and Veterans in Media and Arts (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PSY 350 Social Psychology (SOBE)		
REL 365 Islamic Civilization (HUAD)		
REL 369 Women in Islam		
REL 390 Women, Gender and Religion (GCSI)		
SWU 456 Immigrants and Refugees (CIVI)		
SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)		
WST 380 Race, Gender, and Class (SOBE)		
WST 390 Women, Gender and Religion (GCSI)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - History, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSHISBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
HST 345 Environmental History (SUST)	C	3
HST 495 Methods of Historical Inquiry	C	3
HST Elective	C	9
Upper Division **HST Elective**	C	12
History Related Area		
Students will complete a total of 15 credit hours of History Related Area courses (including a minimum of nine upper-division hours).		
Additional History Related Area	C	3
ENG Elective		
IDS Elective		
ISS Elective		
MVS Elective		

PHI Elective

POS Elective

REL Elective

SOC Elective

STS Elective

Upper Division Additional History Related Area

ENG Elective

IDS Elective

ISS Elective

MVS Elective

PHI Elective

POS Elective

REL Elective

SOC Elective

STS Elective

C 3

Students will select one subject of study from the History Single Subject Related Area course list, and complete nine hours of coursework within that subject. At least six of those hours must be upper division. All courses must be from the same subject.

History Single Subject Related Area

C 3

ENG Elective

IDS Elective

ISS Elective		
MVS Elective		
PHI Elective		
POS Elective		
REL Elective		
SOC Elective		
STS Elective		
Upper Division History Single Subject Related Area		
ENG Elective		
IDS Elective		
ISS Elective		
MVS Elective		
PHI Elective	C	6
POS Elective		
REL Elective		
SOC Elective		
STS Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Students must earn a 2.25 GPA or higher in major courses.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - History (Veterans, Society and Service), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSHISVSSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Veterans, Society and Service Concentration Requirements		
HST 345 Environmental History (SUST)	C	3
HST 495 Methods of Historical Inquiry	C	3
MVS 100 Introduction to Military Studies	C	3
MVS 301 Experience of America's Modern Wars	C	3
MVS 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)	C	3
Upper Division **HST Elective**	C	12
Veterans, Society and Service Electives	C	9
AES 103 Heritage and Values II		
AES 203 Team and Leadership Fundamentals II		
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM 420 Rhetoric and Community Advocacy		

Requirement	Minimum Grade	Credit Hours
FAS 410 Military Family Systems in a Democracy		
FMS 427 Identity and World Film		
GRK 346 / HST 346 / SLC 346 Ancient Greece II: Late Classical and Hellenistic Period		
HST 204 Historical Themes in the US		
HST 302 Topic: War and Political Thought		
HST 302 Topic: Women, War and Peace		
HST 306 Topic: World War ll		
HST 306 Studies in United States History		
HST 319 History of Aviation (HUAD)		
HST 340 American Military History (HUAD)		
HST 355 Total War and the Crisis of Modernity		
HST 372 Modern Middle East (GCSI)		
HST 394 / MVS 394 Topic: War & Popular Culture		
HST 395 / MVS 395 Combat in Film		
HST 408 Civil War and Reconstruction (HUAD)		
HST 456 The Vietnam War (HUAD)		
IAP 307 Art and War (GCSI)		
MCO 494 Topic: War and Media		
MVS 200 The Military Culture and American Society		

Requirement	Minimum Grade	Credit Hours
MVS 201 Interdisciplinary Approaches to Conflict and War		
MVS 202 Exploring Veteran Culture		
MVS 276 Fundamentals of Military Psychology and Counseling		
MVS 294 Special Topics		
MVS 316 Combat Trauma		
MVS 376 Writing a Personal History		
MVS 400 Military Theory and Practice		
MVS 401 The Military: Law, Ethics and Culture		
MVS 402 Technology and Warfare		
MVS 403 American Military Leadership		
MVS 404 War and Memory		
NAV 102 Sea Power and Maritime Affairs		
POS 378 / **REL 378 Religion, War and Peace (CIVI)**		
SGS 394 Topic: Gender and Armed Conflict		

History Related Area

Additional History Related Area	C	3
ENG Elective		
ISS Elective		

MVS Elective		
PHI Elective		
POS Elective		
REL Elective		
SOC Elective		
STS Elective		
Upper Division Additional History Related Area		
ENG Elective		
ISS Elective		
MVS Elective		
PHI Elective	C	3
POS Elective		
REL Elective		
SOC Elective		
STS Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - History of Science, Technology and Innovation, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSHSIIBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
HST 280 History of Science, Technology and Innovation (GCSI)	C	3
HST 318 History of Engineering (HUAD)	C	3
HST 345 Environmental History (SUST)	C	3
HST 495 Methods of Historical Inquiry	C	3
STS 101 Introduction to Science, Technology and Society (SOBE)	C	3
History of Science, Technology and Innovation Electives	C	9
HST 294 Special Topics		
HST 300 Experience of America's Modern Wars		
HST 308 History and Philosophy of Sustainability		
HST 309 Exploration and Empire (GCSI)		

Requirement	Minimum Grade	Credit Hours
HST 312 History of Women in Science and Medicine (HUAD)		
HST 319 History of Aviation (HUAD)		
HST 380 Studies in the History of Science		
HST 381 Studies in the History of Ideas		
HST 382 Studies in the History of Innovation and Technology		
HST 394 Special Topics		
HST 482 Writing and the History of Science, Ideas and Technology		
HST 484 Internship		
HST 494 Special Topics		
MVS 402 Technology and Warfare		
STS 329 Technology in Developing Countries		
STS 330 Information Technology and Artificial Intelligence		
STS 303 History of Modern Science and Technology (HUAD)		
STS 331 Ethical Issues in Science and Technology		
STS 401 Statistics in Science and Technology Studies (QTRS)		
Upper Division History of Science, Technology and Innovation Electives	C	36

Requirement	Minimum Grade	Credit Hours
HST 300 Experience of America's Modern Wars		
HST 308 History and Philosophy of Sustainability		
HST 309 Exploration and Empire (GCSI)		
HST 312 History of Women in Science and Medicine (HUAD)		
HST 319 History of Aviation (HUAD)		
HST 380 Studies in the History of Science		
HST 381 Studies in the History of Ideas		
HST 382 Studies in the History of Innovation and Technology		
HST 394 Special Topics		
HST 482 Writing and the History of Science, Ideas and Technology		
HST 484 Internship		
HST 494 Special Topics		
MVS 402 Technology and Warfare		
STS 329 Technology in Developing Countries		
STS 330 Information Technology and Artificial Intelligence		
STS 303 History of Modern Science and Technology (HUAD)		
STS 331 Ethical Issues in Science and Technology		

Requirement	Minimum Grade	Credit Hours
STS 401 Statistics in Science and Technology Studies (QTRS)		

Related Area

Related Area Courses	C	9

Students select one subject and complete nine hours.

- ABS Elective
- AMT Elective
- ATC Elective
- BIO Elective
- CHM Elective
- EGR Elective
- IFT Elective
- ISS Elective
- MAT Elective
- MVS Elective
- PHY Elective
- POS Elective
- SOC Elective
- SOS Elective

STP Elective

STS Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

Students must complete a minimum of 12 credit hours of upper-division HST courses offered by the College of Integrative Sciences and Arts

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Integrative Social Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSISSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Integrative Social Science Core		
ISS 304 Integrated Theories of Social Science	C	3
ISS 110 Dimensions of Social Science OR **ISS 302 Scope of Social Science**	C	3
ISS 301 Integrated Social Science Research Methods OR **POS 301 Empirical Political Inquiry (SOBE)**	C	3
ISS 401 Statistics for Integrated Social Science (QTRS) OR **POS 401 Political Statistics (QTRS)**	C	3
ISS 484 Internship OR **ISS 498 Pro-Seminar**	C	3
ISS Elective OR **POS Elective**	C	9
Upper Division **ISS Elective** OR Upper Division **POS Elective**	C	15

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Interdisciplinary Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSBISBIS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Interdisciplinary Studies Core		
IDS 201 Intellectual Fusion OR **IDS 301 Becoming Interdisciplinary**	C	3
IDS 401 Integration: Experiential Learning	C	3
Integrative Application Courses	C	3
IDS 140 The Nature of Knowledge Systems		
IDS 310 Integration: Cultural Contexts		
IDS 311 Integration: Global Contexts		
IDS 312 Integrative Perspectives on Change		
IDS 313 Integrative Perspectives on a Changing World		
IDS 314 Integrative Perspectives on Cultural Dynamics		
IDS 315 Integration: Social Contexts		
IDS 316 Integration: Humanities Contexts		
IDS 321 Interdisciplinary Issues		

Requirement	Minimum Grade	Credit Hours
IDS 394 Special Topics		
IDS 484 Internship		
IDS 494 Special Topics		
MVS 401 The Military: Law, Ethics and Culture		
MVS 402 Technology and Warfare		
MVS 403 American Military Leadership		
STS 304 Science, Technology and Society (SOBE) **or** IDS 313 Topic: Science, Technology, and Innovation		
STS 330 Information Technology and Artificial Intelligence		
STS 331 Ethical Issues in Science and Technology		
Upper Division Integrative Application Courses	C	9
IDS 310 Integration: Cultural Contexts		
IDS 311 Integration: Global Contexts		
IDS 312 Integrative Perspectives on Change		
IDS 313 Integrative Perspectives on a Changing World		
IDS 314 Integrative Perspectives on Cultural Dynamics		
IDS 315 Integration: Social Contexts		
IDS 316 Integration: Humanities Contexts		
IDS 321 Interdisciplinary Issues		

Requirement	Minimum Grade	Credit Hours
IDS 394 Special Topics		
IDS 484 Internship		
IDS 494 Special Topics		
MVS 401 The Military: Law, Ethics and Culture		
MVS 402 Technology and Warfare		
MVS 403 American Military Leadership		
STS 304 Science, Technology and Society (SOBE) **or** **IDS 313 Topic: Science, Technology, and Innovation**		
STS 330 Information Technology and Artificial Intelligence		
STS 331 Ethical Issues in Science and Technology		

Interdisciplinary Studies Concentrations

Take an active role in designing your own major by selecting two subject areas you want to study. Review the more than 200 concentrations available to choose from, then collaborate with your academic advisor to make your final selections: https://cisa.asu.edu/ids/concentrations/all

Concentration #1 Course	C	6
Upper Division Concentration #1 Course	C	9
Concentration #2 Course	C	6
Upper Division Concentration #2 Course	C	9

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Interdisciplinary Studies (Organizational Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSORGBIS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Upper Division Integrative Application Course		
IDS 310 Integration: Cultural Contexts **IDS 311 Integration: Global Contexts** **IDS 312 Integrative Perspectives on Change** **IDS 313 Integrative Perspectives on a Changing World** **IDS 314 Integrative Perspectives on Cultural Dynamics** **IDS 315 Integration: Social Contexts** **IDS 316 Integration: Humanities Contexts** **IDS 484 Internship**	C	3

Interdisciplinary Studies Core

IDS 201 Intellectual Fusion OR **IDS 301 Becoming Interdisciplinary**	C	3

Requirement	Minimum Grade	Credit Hours
IDS 401 Integration: Experiential Learning	C	3

Organizational Studies Core

OGL 340 Organizational Skills	C	6
OGL 343 Social Processes in Organizations (SOBE)	C	3
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 350 Diversity and Organizations (GCSI)	C	3
OGL 355 Leading Organizational Innovation and Change	C	3
OGL 357 Assessment in Organizations	C	3
OGL 360 Assessment of Leadership Effectiveness	C	3
OGL 365 Organizational Contexts	C	6

OGL 340 Organizational Skills and OGL 365 Organizational Contexts are courses with multiple topics. Individual topics are not repeatable.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Liberal Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LABLSBLS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Liberal Studies Core		
LST 370 Dimensions of Liberal Studies (HUAD)	C	3
LST 470 Liberal Studies Seminar	C	3
Upper Division Liberal Studies Electives		
Upper Division Humanities, Arts and Design (HUAD)	C	12
Upper Division Social and Behavioral Sciences (SOBE) **OR** Upper Division Global Communities, Societies, and Individuals (GCSI) **OR** Upper Division Sustainability (SUST) **OR** Upper Division American Institutions (AMIT) **OR** Upper Division Governance and Civic Engagement (CIVI)	C	12
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are highly encouraged to take LST 194 Cultural Moments in History as their first year elective.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Military Studies, AA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Associate of Arts, AA
College/School: College of Integrative Sciences and Arts
Plan Code: LSMILSTAA
Minimum credit hours: 60
Upper division minimum credit hours: 12

Requirement	Minimum Grade	Credit Hours
Military Studies Requirements		
HST 101 Global History Since 1500 (HUAD)	C	3
IDS 150 Introduction to Military Studies OR MVS 100 Introduction to Military Studies	C	3
IDS 350 Military Studies Interdisciplinary Capstone	C	3
MCO 427 Misinformation and Society	C	3
POS 361 American Foreign Policy (SOBE)	C	3
POS 364 National Security, Intelligence, and Terrorism (SOBE)	C	3
Military Studies Elective	C	3
HST 303 Studies in Asian History		
HST 304 Studies in European History		
HST 372 Modern Middle East (GCSI)		
MVS 300 Fighting for American Ideals		

Requirement	Minimum Grade	Credit Hours
MVS 301 Experience of America's Modern Wars		
POS 300 Contemporary Global Controversies (GCSI)		
POS 368 Ethics and Human Rights (GCSI)		
POS 465 International Organization and Law (GCSI)		
REL 366 Islam in the Modern World (GCSI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 370 Geopolitics (GCSI)		

General Education Requirements

Mathematics (MATH) Recommended: **MAT 114**		3
Quantitative Reasoning (QTRS) Recommended: **CSE 180**		3
Scientific Thinking in Natural Sciences (SCIT) Recommended: **BIO 130** OR **SES 106**		8
Sustainability (SUST)		3

USNCC Naval Studies

USNCC NAV 101 OR **PHI 105 Intro to Ethics (HUAD)**	C	3

USNCC NAV 102 **OR** HST 999 (HUAD)	C	3
USNCC NAV 103 **OR** POS 999 (CIVI)	C	3
USNCC NAV 104 **OR** **POS 110 American Government and Politics (AMIT)**	C	3
USNCC NAV 105 **OR** **POS 160 Global Politics (GCSI)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All associate degree students must fulfill university graduation requirements, including a minimum of 60 credit hours. https://catalog.asu.edu/associatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
USNCC NAV 101: Naval Ethics and Leadership satisfies PHI 105
USNCC NAV 102: Modern Naval History satisfies HST elective
USNCC NAV 103: Naval Force Design and Concepts satisfies Elective
USNCC NAV 104: Civilian/Military Organization and Policy satisfies POS 110
USNCC NAV 105: Introduction to Geopolitical Environment satisfies POS 160. NAV 105 must be taken at USNCC to satisfy USNCC certificate requirements.
Contact USNCC regarding the applicability of transfer credit to USNCC requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Organizational Leadership, AA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Associate of Arts, AA
College/School: College of Integrative Sciences and Arts
Plan Code: LSORGLAA
Minimum credit hours: 60
Upper division minimum credit hours: 15

Requirement	Minimum Grade	Credit Hours
Organizational Leadership Requirements		
OGL 200 Introduction to Organizational Leadership (CIVI)	C	3
OGL 220 Behavioral Dynamics in Organizations (SOBE)	C	3
OGL 260 Resource Allocation in Organizations (SUST)	C	3
OGL 300 Theory and Practice of Leadership	C	3
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 355 Leading Organizational Innovation and Change	C	3
OGL 381 Organizational Leadership Capstone	C	3
General Education Requirements		
Mathematics (MATH) Recommended: **MAT 114**		3
Quantitative Reasoning (QTRS) Recommended: **CSE 180**		3

Scientific Thinking in Natural Sciences (SCIT) Recommended: **BIO 130**		8
COM 302 Military and Veterans in Media and Arts (HUAD) **OR** **MVS 302 Military and Veterans in Media and Arts (HUAD)**	C	3

USNCC Naval Studies

USNCC NAV 101 **OR** **PHI 105 Intro to Ethics (HUAD)**	C	3
USNCC NAV 102 **OR** HST 999 (HUAD)	C	3
USNCC NAV 103 **OR** POS 999 (CIVI)	C	3
USNCC NAV 104 **OR** **POS 110 American Government and Politics (AMIT)**	C	3
USNCC NAV 105 **OR** **POS 160 Global Politics (GCSI)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All associate degree students must fulfill university graduation requirements, including a minimum of 60 credit hours. https://catalog.asu.edu/associatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
USNCC NAV 101: Naval Ethics and Leadership satisfies PHI 105
USNCC NAV 102: Modern Naval History satisfies HST elective
USNCC NAV 103: Naval Force Design and Concepts satisfies Elective
USNCC NAV 104: Civilian/Military Organization and Policy satisfies POS 110
USNCC NAV 105: Introduction to Geopolitical Environment satisfies POS 160. NAV 105 must be taken at USNCC to satisfy USNCC certificate requirements.
Contact USNCC regarding the applicability of transfer credit to USNCC requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Organizational Leadership, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSORGLBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Organizational Leadership Core		
OGL 200 Introduction to Organizational Leadership (CIVI)	C	3
OGL 220 Behavioral Dynamics in Organizations (SOBE)	C	3
OGL 300 Theory and Practice of Leadership	C	3
OGL 340 Organizational Skills Students will select multiple topics under OGL 340 "Organizational Skills". Individual topics are not repeatable.	C	6
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 350 Diversity and Organizations (GCSI)	C	3
OGL 357 Assessment in Organizations OR **OGL 360 Assessment of Leadership Effectiveness**	C	3
OGL 481 Organizational Leadership Pro-Seminar I	C	3
PMG 240 Introduction to Project Management	C	3
Organizational Leadership Courses		

Requirement	Minimum Grade	Credit Hours
OGL 260 Resource Allocation in Organizations (SUST)	C	3
OGL 343 Social Processes in Organizations (SOBE)	C	3
OGL 355 Leading Organizational Innovation and Change	C	3
OGL 365 Organizational Contexts Students will select multiple topics under OGL 365 "Organizational Contexts". Individual topics are not repeatable.	C	6
OGL 482 Organizational Leadership Pro-Seminar II	C	3
300-Level **OGL Elective** **OR** 400-Level **OGL Elective** Students may only use three credit hours of OGL 484 towards the OGL 300 or 400-Level Electives.	C	6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Organizational Leadership (Project Management), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSORGLPMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Organizational Leadership Core		
PMG 240 Introduction to Project Management	C	3
OGL 200 Introduction to Organizational Leadership (CIVI)	C	3
OGL 220 Behavioral Dynamics in Organizations (SOBE)	C	3
OGL 300 Theory and Practice of Leadership	C	3
OGL 340 Organizational Skills Students will select multiple topics under OGL 340 "Organizational Skills". Individual topics are not repeatable.	C	6
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 350 Diversity and Organizations (GCSI)	C	3
OGL 357 Assessment in Organizations OR **OGL 360 Assessment of Leadership Effectiveness**	C	3
OGL 481 Organizational Leadership Pro-Seminar I	C	3

Requirement	Minimum Grade	Credit Hours
Project Management Concentration Courses		
OGL 343 Social Processes in Organizations (SOBE) OR **OGL 355 Leading Organizational Innovation and Change**	C	3
PMG 321 Project Leadership, Strategy and Scope	C	3
PMG 322 Project Schedule Management	C	3
PMG 323 Project Cost Management	C	3
PMG 324 Resources in Project Management	C	3
PMG 326 Project Procurement Management	C	3
PMG 421 Project Risk Management	C	3
PMG 422 Project Quality Management	C	3
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-CLS The ASU Experience		1
First-Year Composition		
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Organizational Leadership (Veterans, Society and Service), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSORGLVSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Organizational Leadership Core		
OGL 200 Introduction to Organizational Leadership (CIVI)	C	3
OGL 220 Behavioral Dynamics in Organizations (SOBE)	C	3
OGL 300 Theory and Practice of Leadership	C	3
OGL 340 Organizational Skills	C	6
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 350 Diversity and Organizations (GCSI)	C	3
OGL 357 Assessment in Organizations OR OGL 360 Assessment of Leadership Effectiveness	C	3
OGL 481 Organizational Leadership Pro-Seminar I	C	3
PMG 240 Introduction to Project Management	C	3
Veterans, Society and Service Concentration Courses		

Requirement	Minimum Grade	Credit Hours
MVS 100 Introduction to Military Studies	C	3
MVS 200 The Military Culture and American Society	C	3
MVS 301 Experience of America's Modern Wars	C	3
MVS 403 American Military Leadership	C	3
OGL 343 Social Processes in Organizations (SOBE) OR OGL 355 Leading Organizational Innovation and Change	C	3
Veterans, Society, and Service Electives	C	6

- FAS 410 Military Family Systems in a Democracy
- FMS 427 Identity and World Film
- HST 302 Topic: War and Political Thought
- HST 302 Topic: Women, War and Peace
- HST 306 Topic: World War ll
- HST 340 American Military History (HUAD)
- HST 355 Total War and the Crisis of Modernity (HUAD)
- HST 372 Modern Middle East (GCSI)
- HST 456 The Vietnam War (HUAD)
- IAP 307 Art and War (GCSI)
- MCO 494 Topic: War and Media
- MVS 201 Interdisciplinary Approaches to Conflict and War

Requirement	Minimum Grade	Credit Hours
MVS 202 Exploring Veteran Culture		
MVS 316 Combat Trauma		
MVS 395 Combat in Film		
MVS 400 Military Theory and Practice		
MVS 401 The Military: Law, Ethics and Culture		
MVS 402 Technology and Warfare		
MVS 404 War and Memory		
POS 378 / REL 378 Religion, War and Peace (CIVI)		
SGS 394 Topic: Gender and Armed Conflict		
SOC 352 Social Change (CIVI)		
Upper Division Veterans, Society, and Service Electives	C	6
FAS 410 Military Family Systems in a Democracy		
FMS 427 Identity and World Film		
HST 302 Topic: War and Political Thought		
HST 302 Topic: Women, War and Peace		
HST 306 Topic: World War II		
HST 340 American Military History (HUAD)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 372 Modern Middle East (GCSI)		

Requirement	Minimum Grade	Credit Hours
HST 456 The Vietnam War (HUAD)		
IAP 307 Art and War (GCSI)		
MCO 494 Topic: War and Media		
MVS 316 Combat Trauma		
MVS 395 Combat in Film		
MVS 400 Military Theory and Practice		
MVS 401 The Military: Law, Ethics and Culture		
MVS 402 Technology and Warfare		
MVS 404 War and Memory		
POS 378 / REL 378 Religion, War and Peace (CIVI)		
SGS 394 Topic: Gender and Armed Conflict		
SOC 352 Social Change (CIVI)		

Organizational Leadership Elective

OGL Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Political Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSPOLBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
ISS 304 Integrated Theories of Social Science	C	3
POS 110 American Government and Politics (AMIT) OR **POS 310 American National Government (AMIT)**	C	3
POS 150 Comparative Government (GCSI) OR **POS 160 Global Politics (GCSI)**	C	3
POS 210 Political Ideologies (CIVI)	C	3
POS 301 Empirical Political Inquiry (SOBE) OR **ISS 301 Integrated Social Science Research Methods**	C	3
POS 401 Political Statistics (QTRS)	C	3
Major Electives		
POS Elective	C	6
Upper Division **POS Elective**	C	12

Related Area Courses	C	12

- AES Elective
- AFR Elective
- AIS Elective
- APA Elective
- ASB Elective
- ASM Elective
- COM Elective
- ECN Elective
- FAS Elective
- GCU Elective
- GPH Elective
- HST Elective
- ISS Elective
- JUS Elective
- MIS Elective
- MVS Elective
- PHI Elective
- PSY Elective

REL Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Students must complete at least 12 upper-division credit hours in POS courses offered by the College of Integrative Sciences and Arts.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Project Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSPMGBS
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Project Management Core		
OGL 220 Behavioral Dynamics in Organizations (SOBE)	C	3
OGL 300 Theory and Practice of Leadership	C	3
OGL 343 Social Processes in Organizations (SOBE)	C	3
OGL 345 Organizational Ethics (HUAD)	C	3
OGL 350 Diversity and Organizations (GCSI)	C	3
OGL 355 Leading Organizational Innovation and Change	C	3
OGL 357 Assessment in Organizations OR OGL 360 Assessment of Leadership Effectiveness	C	3
PMG 101 Navigating Project Management: Successes, Failures, and Leadership Dynamics	C	3
PMG 240 Introduction to Project Management	C	3
PMG 320 Project Approaches	C	3
PMG 321 Project Leadership, Strategy and Scope	C	3

Requirement	Minimum Grade	Credit Hours
PMG 322 Project Schedule Management	C	3
PMG 323 Project Cost Management	C	3
PMG 324 Resources in Project Management	C	3
PMG 326 Project Procurement Management	C	3
PMG 401 Applied Project Experience	C	3
PMG 421 Project Risk Management	C	3
PMG 422 Project Quality Management	C	3
PMG 423 Project Strategic Analysis	C	3

Foundational Courses

CIS 105 Computer Applications and Information Technology (QTRS) OR CSE 180 Computer Literacy (QTRS) OR ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)	C	3
MAT 117 College Algebra (MATH)	C	3
STP 226 Elements of Statistics (QTRS)	C	3

Project Management Electives

Project Management Electives	C	6

- CIS 105 Computer Applications and Information Technology (QTRS)
- CIS 309 Business Process Management
- CIS 311 Business Agile Project Management
- CON 273 Electrical Construction Fundamentals and Project Management
- MCO 494 Topic: Media Project Management
- OGL 260 Resource Allocation in Organizations (SUST)
- OGL 340 Organizational Skills
- OGL 365 Organizational Contexts
- PMG 494 Topic: CAPM Exam Preparation Course
- PMG 494 Special Topics
- SCN 309 Environmental Education Project
- TEM 405 Data-Driven Decision Making
- TEM 481 Consulting Project
- TEM 494 Special Topics
- TMC 410 Enterprise Operations
- TWC 436 Project Management in Technical Communication
- TWC 444 User Experience and Usability Research

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: College of Integrative Sciences and Arts
Plan Code: LSPGSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Foundations of Psychological Science Courses		
CED 250 Career Development	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Upper Division Psychology Core		
PSY 320 Learning and Motivation	C	3
PSY 323 Sensation and Perception	C	3
PSY 324 Memory and Cognition	C	3
PSY 341 Developmental Psychology (SOBE)	C	3
PSY 350 Social Psychology (SOBE)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Psychology Electives		
Upper Division Psychology Electives	C	12
CAP 310 Addictions I: Foundations and Basic Principles		
CAP 315 Trauma and Crisis Intervention		
CAP 316 Combat Trauma		
CAP 320 Theories of Counseling and Psychotherapy		
CAP 323 Psychology of Coaching		
CAP 325 Professional Practice and Ethics in Counseling		
CAP 330 Group Counseling		
CAP 335 Addiction Group Counseling		
CAP 336 Counseling Military Veterans		
CAP 340 Multicultural Counseling Theory and Practice		
CAP 342 Community Outreach, Prevention and Intervention		
CAP 345 Social Issues in Counseling and Psychology		
CAP 351 Issues in Assessment, Diagnosis and Treatment		
CAP 394 Special Topics		
CAP 400 Advanced Counseling Research Methods		
CAP 420 School Counseling		

Requirement	Minimum Grade	Credit Hours
CAP 440 Addictions II: Treatment, Recovery and Relapse Prevention		
CAP 494 Special Topics		
PSY 304 Effective Thinking		
PSY 306 Environmental Psychology		
PSY 315 Personality Theory and Research (SOBE)		
PSY 325 Physiological Psychology		
PSY 330 Statistical Methods (QTRS)		
PSY 369 Biology of Human Sexuality		
PSY 385 Psychology of Gender (SOBE)		
PSY 399 Supervised Research		
PSY 425 Biological Bases of Behavior		
PSY 430 Industrial Psychology		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
PSY 453 Organizational Behavior (SOBE)		
PSY 470 Psychopharmacology		
PSY 472 Clinical Psychology		
PSY 482 Social Influence and Consumer Behavior		

Mathematics Requirement

ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)** OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**	C	3
MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3

Related Area Courses

ASB Elective OR **COM Elective** OR **HSE Elective** OR **ISS Elective** OR **POS Elective** OR **SOC Elective**		6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSPGSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Requirements		
CED 250 Career Development	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Upper Division Psychology Core		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 330 Statistical Methods (QTRS)	C	18
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		

Requirement	Minimum Grade	Credit Hours
Upper Division Psychology Electives		
Upper Division Psychology Electives	C	15
CAP 310 Addictions I: Foundations and Basic Principles		
CAP 315 Trauma and Crisis Intervention		
CAP 316 Combat Trauma		
CAP 320 Theories of Counseling and Psychotherapy		
CAP 323 Psychology of Coaching		
CAP 325 Professional Practice and Ethics in Counseling		
CAP 330 Group Counseling		
CAP 335 Addiction Group Counseling		
CAP 336 Counseling Military Veterans		
CAP 340 Multicultural Counseling Theory and Practice		
CAP 342 Community Outreach, Prevention and Intervention		
CAP 345 Social Issues in Counseling and Psychology		
CAP 351 Issues in Assessment, Diagnosis and Treatment		
CAP 394 Special Topics		
CAP 400 Advanced Counseling Research Methods		
CAP 420 School Counseling		

Requirement	Minimum Grade	Credit Hours
CAP 440 Addictions II: Treatment, Recovery and Relapse Prevention		
PSY 304 Effective Thinking		
PSY 306 Environmental Psychology		
PSY 315 Personality Theory and Research (SOBE)		
PSY 325 Physiological Psychology		
PSY 369 Biology of Human Sexuality		
PSY 385 Psychology of Gender (SOBE)		
PSY 399 Supervised Research		
PSY 425 Biological Bases of Behavior		
PSY 430 Industrial Psychology		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 447 Psychology of Aging		
PSY 453 Organizational Behavior (SOBE)		
PSY 470 Psychopharmacology		
PSY 472 Clinical Psychology		
PSY 482 Social Influence and Consumer Behavior		

Mathematics Requirement

ACO 100 All About Data: Design, Query, and Visualization (QTRS)	C	3

OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)** OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		
MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3

Science Requirement

AST Elective OR **CHM Elective** OR **GLG Elective** OR **PHY Elective**	C	4
ABS Elective OR **BIO Elective** OR **MIC Elective**	C	4

Related Area Courses

Related Area Courses

ASB Elective	6
COM Elective	
HSE Elective	
ISS Elective	
POS Elective	
SOC Elective	

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

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Mathematics Placement Assessment score determines placement in first mathematics course.

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Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Science, Technology and Society, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: ECSTSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
HST 280 History of Science, Technology and Innovation (GCSI)		3
HST 345 Environmental History (SUST)		3
STS 101 Introduction to Science, Technology and Society (SOBE) OR STS 304 Science, Technology and Society (SOBE)	C	3
STS 200 Yesterday's Tomorrows: A History of the Future	C	3
STS 329 Technology in Developing Countries	C	3
STS 330 Information Technology and Artificial Intelligence	C	3
STS 484 Internship	C	3
Mathematical Studies		
STS 401 Statistics in Science and Technology Studies (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
STS Electives		
Science, Technology and Society Electives		12
HST 312 History of Women in Science and Medicine (HUAD)		
HST 318 History of Engineering (HUAD)		
HST 319 History of Aviation (HUAD)		
HST 380 Topic: Law, Science, and Society		
HST 380 Topic: Science in the Age of Exploration and Empire		
HST 380 Studies in the History of Science		
MVS 402 Technology and Warfare		
STS 110 Global Technology and Development		
STS 194 Special Topics		
STS 235 Technology and Urban Systems		
STS 260 Politics of Science and Technology		
STS 294 Special Topics		
STS 301 Research in Science and Technology Studies		
STS 303 History of Modern Science and Technology (HUAD)		
STS 306 Social Effects of Science and Technology		
STS 317 Science, Technology, and Global Engagement		

Requirement	Minimum Grade	Credit Hours
STS 318 Science, Technology, and Government		
STS 325 Science, Technology, and Public Policy		
STS 328 Science, Technology, and Culture		
STS 331 Ethical Issues in Science and Technology		
STS 332 Global Issues in Science and Technology		
STS 364 Science, Technology, and National Security		
STS 394 Special Topics		
STS 425 Law, Values, Science and Technology		
STS 494 Special Topics		
Upper Division Science, Technology and Society Electives		21
HST 312 History of Women in Science and Medicine (HUAD)		
HST 318 History of Engineering (HUAD)		
HST 319 History of Aviation (HUAD)		
HST 380 Topic: Law, Science, and Society		
HST 380 Topic: Science in the Age of Exploration and Empire		
HST 380 Studies in the History of Science		
MVS 402 Technology and Warfare		
STS 301 Research in Science and Technology Studies		

Requirement	Minimum Grade	Credit Hours
STS 303 History of Modern Science and Technology (HUAD)		
STS 306 Social Effects of Science and Technology		
STS 317 Science, Technology, and Global Engagement		
STS 318 Science, Technology, and Government		
STS 325 Science, Technology, and Public Policy		
STS 328 Science, Technology, and Culture		
STS 331 Ethical Issues in Science and Technology		
STS 332 Global Issues in Science and Technology		
STS 364 Science, Technology, and National Security		
STS 394 Special Topics		
STS 425 Law, Values, Science and Technology		
STS 494 Special Topics		

Related Area Courses

Related Area Courses	9
ABS Elective	
AMT Elective	
ATC Elective	
BIO Elective	

CHM Elective

EGR Elective

IFT Elective

ISS Elective

MAT Elective

MVS Elective

PHY Elective

POS Elective

SOC Elective

SOS Elective

STP Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Technical Communication, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSTECBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Technical Communication Major		
TWC 122 Introduction to Social Media	C	3
TWC 150 Introduction to Technical Communication	C	3
TWC 201 Writing for Digital Media	C	3
TWC 214 Storytelling with Data	C	3
TWC 260 Accessibility and Inclusion in Communication and User Experience	C	3
TWC 305 Research in Technical Communication	C	3
TWC 311 Principles of Visual Communication	C	3
TWC 314 Data Visualization Tools and Techniques	C	3
TWC 331 Fundamentals of Technical Editing	C	3
TWC 351 Copyright and Intellectual Property	C	3
TWC 401 Fundamentals of Technical Communication	C	3

Requirement	Minimum Grade	Credit Hours
TWC 444 User Experience and Usability Research	C	3
TWC 445 Content Strategy	C	3
TWC 490 Capstone	C	3

Major Electives

Upper Division TWC Restricted Electives	C	12

- TWC 312 Introduction to Visual Culture
- TWC 347 Written Communication for Managers
- TWC 355 Digital Ethics
- TWC 361 Writing for Health Care Management
- TWC 405 Writing for Social Media
- TWC 413 Managing and Analyzing Data
- TWC 414 Advanced Data Visualization
- TWC 421 Principles of Web Authoring
- TWC 422 Social Media in the Workplace
- TWC 435 Global Issues in Technical Communication (GCSI)
- TWC 436 Project Management in Technical Communication
- TWC 443 Grant & Proposal Writing
- TWC 446 Technical and Scientific Reports

Requirement	Minimum Grade	Credit Hours
TWC 447 User Experience in Medicine and Health		
TWC 452 Information in the Digital Age		
TWC 453 Information and Communications Technology in American History		
TWC 454 Information Technology and Culture		
TWC 484 Internship		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Technical Communication (Data Visualization), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSTECDVBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Technical Communication Major		
TWC 122 Introduction to Social Media	C	3
TWC 150 Introduction to Technical Communication	C	3
TWC 201 Writing for Digital Media	C	3
TWC 214 Storytelling with Data	C	3
TWC 260 Accessibility and Inclusion in Communication and User Experience	C	3
TWC 305 Research in Technical Communication	C	3
TWC 311 Principles of Visual Communication	C	3
TWC 314 Data Visualization Tools and Techniques	C	3
TWC 331 Fundamentals of Technical Editing	C	3
TWC 351 Copyright and Intellectual Property	C	3

Requirement	Minimum Grade	Credit Hours
TWC 401 Fundamentals of Technical Communication	C	3
TWC 444 User Experience and Usability Research	C	3
TWC 445 Content Strategy	C	3
TWC 490 Capstone	C	3

Concentration Required Courses

GIT 210 Creative Thinking and Design Visualization	C	3
MCO 427 Misinformation and Society	C	3
TWC 312 Introduction to Visual Culture	C	3
TWC 355 Digital Ethics	C	3
TWC 413 Managing and Analyzing Data	C	3
TWC 414 Advanced Data Visualization	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Technical Communication (Medical and Health), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSTECMHBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
TWC 122 Introduction to Social Media	C	3
TWC 150 Introduction to Technical Communication	C	3
TWC 201 Writing for Digital Media	C	3
TWC 214 Storytelling with Data	C	3
TWC 260 Accessibility and Inclusion in Communication and User Experience	C	3
TWC 305 Research in Technical Communication	C	3
TWC 311 Principles of Visual Communication	C	3
TWC 314 Data Visualization Tools and Techniques	C	3
TWC 331 Fundamentals of Technical Editing	C	3
TWC 351 Copyright and Intellectual Property	C	3

Requirement	Minimum Grade	Credit Hours
TWC 401 Fundamentals of Technical Communication	C	3
TWC 444 User Experience and Usability Research	C	3
TWC 445 Content Strategy	C	3
TWC 490 Capstone	C	3

Medical and Health

HCD 330 Health Care Systems in the U.S. (CIVI)	C	3
HEP 361 Digital Health Communication and Education	C	3
HSC 310 Health Communication	C	3
TWC 361 Writing for Health Care Management	C	3
TWC 447 User Experience in Medicine and Health	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Technical Communication (Social Media Management), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSTECSMMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Technical Communication Major		
TWC 122 Introduction to Social Media	C	3
TWC 150 Introduction to Technical Communication	C	3
TWC 201 Writing for Digital Media	C	3
TWC 214 Storytelling with Data	C	3
TWC 260 Accessibility and Inclusion in Communication and User Experience	C	3
TWC 305 Research in Technical Communication	C	3
TWC 311 Principles of Visual Communication	C	3
TWC 314 Data Visualization Tools and Techniques	C	3
TWC 331 Fundamentals of Technical Editing	C	3
TWC 351 Copyright and Intellectual Property	C	3

Requirement	Minimum Grade	Credit Hours
TWC 401 Fundamentals of Technical Communication	C	3
TWC 444 User Experience and Usability Research	C	3
TWC 445 Content Strategy	C	3
TWC 490 Capstone	C	3

Concentration Required Courses

FMS 351 Emerging Digital Media (HUAD)	C	3
MCO 307 The Digital Audience	C	3
TWC 355 Digital Ethics	C	3
TWC 405 Writing for Social Media	C	3
TWC 422 Social Media in the Workplace	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

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Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Technical Communication (User Experience), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Plan Code: LSTECUBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Technical Communication Major		
TWC 122 Introduction to Social Media	C	3
TWC 150 Introduction to Technical Communication	C	3
TWC 201 Writing for Digital Media	C	3
TWC 214 Storytelling with Data	C	3
TWC 260 Accessibility and Inclusion in Communication and User Experience	C	3
TWC 305 Research in Technical Communication	C	3
TWC 311 Principles of Visual Communication	C	3
TWC 314 Data Visualization Tools and Techniques	C	3
TWC 331 Fundamentals of Technical Editing	C	3
TWC 351 Copyright and Intellectual Property	C	3

Requirement	Minimum Grade	Credit Hours
TWC 401 Fundamentals of Technical Communication	C	3
TWC 444 User Experience and Usability Research	C	3
TWC 445 Content Strategy	C	3
TWC 490 Capstone	C	3

Concentration Required Courses

HSE 101 Introduction to Human Systems Engineering (SOBE) OR PSY 101 Introduction to Psychology (SOBE)	C	3
UXP 201 The User Experience Toolkit	C	3
UXP 365 Design Systems	C	3
UXP 403 Fundamentals of User Experience Writing	C	3
UXP 405 User Experience Research and Discovery	C	3
UXP 424 Information Architecture	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - User Experience, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: College of Integrative Sciences and Arts
Ira A. Fulton Schools of Engineering
Plan Code: LSUSEXBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
GIT 210 Creative Thinking and Design Visualization	C	3
GIT 350 Cross-Media Design	C	3
TWC 214 Storytelling with Data	C	3
TWC 411 Principles of Visual Communication	C	3
TWC 421 Principles of Web Authoring	C	3
TWC 444 User Experience and Usability Research	C	3
UXP 101 Introduction to User Experience	C	3
UXP 201 The User Experience Toolkit	C	3
UXP 260 Accessibility and Inclusion in Communication and User Experience	C	3
UXP 365 Design Systems	C	3
UXP 403 Fundamentals of User Experience Writing	C	3

Requirement	Minimum Grade	Credit Hours
UXP 405 User Experience Research and Discovery	C	3
UXP 424 Information Architecture	C	3
UXP 430 Digital Accessibility	C	3
UXP 447 User Experience in Medicine and Health	C	3
UXP 490 Capstone in User Experience	C	3

Major Electives

Upper Division User Experience Elective Courses	C	12
GIT 340 Information Design and Usability		
GIT 402 New Media Internet Technologies		
HSE 324 Applied Cognitive Science (SOBE)		
HSE 325 Human-Computer Interaction		
HSE 427 Designing for Learning		
MCO 307 The Digital Audience		
MCO 335 Social Media Foundations		
TWC 314 Data Visualization Tools and Techniques		
TWC 413 Managing and Analyzing Data		
TWC 414 Advanced Data Visualization		
TWC 422 Social Media in the Workplace		
TWC 431 Principles of Technical Editing		

Requirement	Minimum Grade	Credit Hours
TWC 435 Global Issues in Technical Communication (GCSI)		
TWC 436 Project Management in Technical Communication		
TWC 445 Content Strategy		
TWC 451 Copyright and Intellectual Property in the Electronic Age		
UXP 494 Special Topics		

Foundational Courses

MAT 117 College Algebra (MATH)	C	3
HSE 101 Introduction to Human Systems Engineering (SOBE)	C	3
HSE 230 Statistics for Human Systems Research I (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Curriculum - Aging, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASALDBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Aging Core

ASB 102 Introduction to Cultural Anthropology (GCSI) OR **PSY 101 Introduction to Psychology (SOBE)** OR **SOC 101 Introductory Sociology (SOBE)**	C	3
COM 417 Communication and Aging	C	3
PSY 447 Psychology of Aging	C	3
SBS 430 Aging and Social Policy	C	3
PSY 230 Introduction to Statistics (QTRS) OR **SBS 304 Social Statistics I (QTRS)** OR **STP 226 Elements of Statistics (QTRS)**	C	3

Requirement	Minimum Grade	Credit Hours
Research Methods		
COM 308 Communication Research Strategies		
COM 309 Rhetorical, Interpretive, and Critical Methods in Communication		
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3
PSY 290 Research Methods (SCIT)		
SBS 302 Qualitative Methods (SOBE)		
SBS 303 Quantitative Methods (QTRS)		

Aging Electives

Upper Division Aging Electives		
CDE 418 / SOC 418 Aging and the Life Course (SOBE)		
FAS 436 Sexuality in Mid-Life and Beyond		
HSC 410 Supporting the Health of Older Adults		
HSC 412 Health Issues in Later Life	C	12
IAS 450 Philosophical and Spiritual Issues in Death and Dying		
SOC 400 Perspectives on Aging		

Aging Capstone

Requirement	Minimum Grade	Credit Hours
SBS 484 Internship	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

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Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/

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Curriculum - Applied Mathematics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASMATBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Mathematics Core

MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
MAT 275 Modern Differential Equations (MATH)	C	3
MAT 300 Mathematical Structures	C	3
MAT 343 Applied Linear Algebra	C	3

Requirement	Minimum Grade	Credit Hours
MAT 350 Techniques and Applications of Applied Mathematics	C	3
MAT 371 Advanced Calculus I	C	3
MAT 421 Applied Computational Methods (MATH)	C	3
MAT 450 Mathematical Models in Biology OR MAT 451 Mathematical Modeling	C	3
MAT 452 Introduction to Chaos and Nonlinear Dynamics	C	3

Mathematics Electives

Upper Division Mathematical Analysis	C	9

- MAT 461 Applied Complex Analysis
- MAT 462 Applied Partial Differential Equations
- MAT 472 Intermediate Real Analysis I
- MAT 499 Individualized Instruction

OR Upper Division Statistics

- STP 310 Design and Analysis of Experiments
- STP 311 Regression and Time Series Analyses
- STP 421 Probability
- STP 427 Mathematical Statistics
- STP 450 Nonparametric Statistics

Requirement	Minimum Grade	Credit Hours
STP 499 Individualized Instruction		
OR Upper Division Applied Computing		
ACO 320 Database Systems		
ACO 331 Network Forensics Analysis		
ACO 420 Big Data Systems		
ACO 421 Data Mining and Warehousing		
ACO 422 XML and Databases		
ACO 499 Individualized Instruction		
OR Upper Division Quantum Computing		
MAT 443 Introduction to Abstract Algebra		
MAT 445 Theory of Numbers		
MAT 494 Topic: Mathematics of Quantum Computing		
OR Upper Division Artificial Intelligence and Machine Learning		
ACO 423 Data Science		
MAT 419 Introduction to Linear Optimization		
MAT 422 Mathematical Methods in Data Science		
MAT 429 Optimization		
MAT 494 Topic: Foundations of Artificial Intelligence		

Requirement	Minimum Grade	Credit Hours
STP 484 Internship		
OR Upper Division Mathematical Biology		
LSC 388 STEM Research Fundamentals		
MAT 450 Mathematical Models in Biology or MAT 451 Mathematical Modeling		
LSC 540 Statistics for Biological Data Science I		
LSC 555 Molecular Biology		
LSC 556 Evolutionary Biology		
STP 421 Probability		
STP 427 Mathematical Statistics		
OR Upper Division Additional Options		
LSC 388 STEM Research Fundamentals		
MAT 484 Internship		
MAT 492 Honors Directed Study		
MAT 494 Special Topics		

Elective options are grouped together by thematic tracks. Students may choose electives from multiple tracks. A maximum of six credit hours of MAT 492/499 may apply toward the electives category.

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ACO 101 Introduction to Computer Science (QTRS) OR **CSE 110 Principles of Programming (QTRS)**	C	3
ACO 102 Object-Oriented Programming (QTRS) OR **CSE 205 Object-Oriented Programming and Data Structures (QTRS)**	C	3
STP 280 Probability and Statistics for Researchers (QTRS)	C	3
STP 281 Statistical Analysis for Researchers	C	3

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First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

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Curriculum - Applied Science, BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASBASBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Applied Science Core		
ENG 301 Writing for the Professions OR **ENG 311 Persuasive Writing (CIVI)** OR **BIO 306 Modes of Biological Thought**	C	3
IAS 300 Career Strategies and Personal Resilience	C	3
COM 316 Gender and Communication (SOBE) OR **COM 317 Nonverbal Communication (SOBE)**	C	3
Upper Division Aesthetics/Creativity Course **COM 302 Military and Veterans in Media and Arts (HUAD)** **IAP 305 20th and 21st Century Art, Performance, and Media (HUAD)** **IAP 464 Media and Diversity (HUAD)** **MUS 349 Music in America (HUAD)**	C	3
Upper Division Ethics Course	C	3

Requirement	Minimum Grade	Credit Hours
IAS 340 / **PHI 320 Bioethics (HUAD)**		
IAS 406 / **PHI 406 Moral Dilemmas**		
IAS 430 Science and Religion (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 360 Business and Professional Ethics (HUAD)		

Focus Area

Students consult their advisor to select a minor to pursue for their focus area, or to construct an individualized focus area with a coherent theme or purpose. Courses used to fulfill major requirements cannot also be used for minor requirements. A minimum of nine credit hours upper division is required.

Upper Division Focus Area	C	9
Focus Area	C	6

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.

Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.

AAS Transfer Degree Block of Credit Hours	60

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
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Curriculum - Biology, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASLSCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology	C	3
BIO 353 Cell Biology	C	3
LSC 347 Fundamentals of Genetics	C	3

Chemistry Core

CHM 113 General Chemistry I (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
CHM 116 General Chemistry II (SCIT)	C	4
Organic Chemistry Set A CHM 231 Elementary Organic Chemistry (SCIT) **AND** CHM 235 Elementary Organic Chemistry Laboratory (SCIT)		
OR **Organic Chemistry Set B** CHM 233 General Organic Chemistry I **AND** CHM 237 General Organic Chemistry Laboratory I CHM 234 General Organic Chemistry II **AND** CHM 238 General Organic Chemistry Laboratory II	C	4 - 8

Biology Electives

Upper Division Biology Electives BCH 371 Modern Concepts in Biochemistry **AND** BCH 372 Modern Concepts in Biochemistry Laboratory BIO 306 Modes of Biological Thought BIO 331 Animal Behavior BIO 345 Evolution BIO 360 Animal Physiology **AND** LSC 359 Animal Physiology Laboratory	C	15

Requirement	Minimum Grade	Credit Hours
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 412 Conservation in Practice		
BIO 422 Ecosystem Ecology		
BIO 431 Genes, Development, and Evolution		
BIO 438 Marine Biology		
BIO 443 Applied Molecular Genetics and Genomics		
BIO 474 Herpetology		
ENV 394 / LSC 394 Topic: Animal Behavior in a Changing Environment		
ENV 410 Soil Science		
FOR 414 Fundamentals of Forensic Entomology		
LSC 362 The Human Environment		
LSC 363 Genes, Race, Gender, and Society		
LSC 369 Biology of Human Sexuality		
LSC 434 Marine Ecology		
LSC 494 / FOR 494 Topic: Molecular Biology		
MIC 443 The Microbial Universe AND MIC 444 The Microbial Universe Laboratory		
PLB 300 Plant Diversity and Evolution		

Requirement	Minimum Grade	Credit Hours
PLB 302 Plants and Civilization		
PLB 308 Plant Physiology		
PLB 310 The Flora of Arizona		
PTX 301 Basics of Pharmacology and Toxicology		
PTX 432 Fundamentals of Pharmacology		
Upper Division BCH Elective		
Upper Division BIO Elective		
Upper Division ENV Elective		
Upper Division LSC Elective		
Upper Division MIC Elective		
Upper Division PLB Elective		
Upper Division PTX Elective		
LSC 388 STEM Research Fundamentals		
LSC 484 Internship		
LSC 493 / **BIO 493 Honors Thesis**		
LSC 499 / **BIO 499 Individualized Instruction**		
BIO 495 Undergraduate Research		

Courses must have BIO 182 as a prerequisite in order to count toward the Upper Division Biology Electives requirement. Special topics courses (394/494) may be applicable with prior approval. Up to 3 credit hours of experiential learning (388,

Requirement	Minimum Grade	Credit Hours
484, 486, 492, 493, 495, 499) may be applied toward this requirement. Seek academic advising prior to enrollment.		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

MAT 170 Precalculus (MATH) or higher level MATH general studies course	C	3
Cognate Sciences Set A **GLG 108 Water Planet (SCIT)** OR **GLG 101 Introduction to Geology I (Physical) (SCIT)** AND **GLG 103** / **ENV 103 Introduction to Geology I: Laboratory (SCIT)** **PHY 101 Introduction to Physics (SCIT)**	C	8

OR **Cognate Sciences Set B**

> **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)**
>
> **PHY 112 General Physics (SCIT)** **AND** **PHY 114 General Physics Laboratory (SCIT)**

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First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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Curriculum - Biology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASLSCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology **AND** **LSC 322 Fundamentals of Ecology Laboratory**	C	4
BIO 353 Cell Biology **AND** **BIO 354 Cell Biology Laboratory**	C	4
LSC 347 Fundamentals of Genetics **AND** **LSC 348 Fundamentals of Genetics Laboratory**	C	4

Requirement	Minimum Grade	Credit Hours
Chemistry Core		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II	C	4
Biology Electives		
Upper Division Cellular, Molecular, and Physiological Biology Distribution Area		
BCH 371 Modern Concepts in Biochemistry AND BCH 372 Modern Concepts in Biochemistry Laboratory	C	3
BIO 431 Genes, Development, and Evolution		
BIO 443 Applied Molecular Genetics and Genomics AND LSC 447 Molecular Genetics Laboratory		
FOR 494 / LSC 494 Topic: Molecular Biology		
PTX 301 Basics of Pharmacology and Toxicology		
LSC 432 / PTX 432 Fundamentals of Pharmacology		
Upper Division Integrative Systems Ecology Distribution Area	C	3
BIO 345 Evolution		

Requirement	Minimum Grade	Credit Hours
BIO 412 Conservation in Practice		
BIO 422 Ecosystem Ecology		
BIO 438 Marine Biology		
ENV 410 Soil Science		
LSC 362 The Human Environment		
LSC 434 Marine Ecology		
PLB 300 Plant Diversity and Evolution		
Upper Division Organismal Biology Distribution Area		
BIO 360 Animal Physiology **AND** LSC 359 Animal Physiology Laboratory		
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 474 Herpetology		
ENV 394 / LSC 394 Topic: Animal Behavior in a Changing Environment	C	3
MIC 443 The Microbial Universe **AND** MIC 444 The Microbial Universe Laboratory		
PLB 302 Plants and Civilization		
PLB 308 Plant Physiology		
PLB 310 The Flora of Arizona		

Requirement	Minimum Grade	Credit Hours
If a 4 credit hour course is applied toward any of the distribution areas, 1 of the credit hours will apply toward the upper division biology electives requirement.		
Upper Division Biology Electives Upper Division BCH Elective Upper Division BIO Elective Upper Division ENV Elective Upper Division LSC Elective Upper Division MIC Elective Upper Division PLB Elective Upper Division PTX Elective Courses must have BIO 182 as a prerequisite in order to count toward the Upper Division Biology Electives requirement. Special topics courses (394/494) may be applicable with prior approval. Up to 3 credit hours of experiential learning (388, 484, 486, 492, 493, 495, 499) may be applied toward this requirement. Seek academic advising prior to enrollment.	C	9
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-	C	6

division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) **OR** **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience**	
NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
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Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biology (Environmental Justice), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASLSCEJBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology	C	3
BIO 353 Cell Biology	C	3
LSC 347 Fundamentals of Genetics	C	3

Chemistry Core

CHM 113 General Chemistry I (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
CHM 116 General Chemistry II (SCIT)	C	4
Organic Chemistry Set A CHM 231 Elementary Organic Chemistry (SCIT) **AND** CHM 235 Elementary Organic Chemistry Laboratory (SCIT)		
OR **Organic Chemistry Set B** CHM 233 General Organic Chemistry I **AND** CHM 237 General Organic Chemistry Laboratory I CHM 234 General Organic Chemistry II **AND** CHM 238 General Organic Chemistry Laboratory II	C	4 - 8

Environmental Justice Concentration

ENV 200 Introduction to Justice in the Environment **or** IAS 200 Introduction to Justice in the Environment **or** JHR 200 Introduction to Justice in the Environment	C	3
ENV 201 Fundamentals of Environmental Science (SUST)	C	3
ENV 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications	C	3
IAS 407 Environmental Philosophy and Policy (SUST) **or** PHI 407 Environmental Philosophy and Policy (SUST)	C	3

Requirement	Minimum Grade	Credit Hours
SOC 331 Environmental Sociology (SUST)	C	3

Environmental Justice Electives

Environmental Justice Electives	C	9

- ABS 270 Sustainable Biological Systems (SUST)
- ABS 302 Ethical and Policy Issues in Biology
- ABS 394 Topic: Human Rights and Environmental Management
- ABS 479 Ecosystem Management and Planning
- ASB 343 / SOS 343 / TCL 343 / PUP 343 Latinas/os and the Environment
- ASB 463 / SOS 463 / TCL 443 Political Ecology of the Border
- COM 328 Communicating Science
- COM 415 Risk Communication (SOBE)
- ENG 367 Environmental Issues in Literature and Film
- ENG 371 Rhetoric of the Environmental Movement
- FIS 444 / JUS 444 Environment and Justice
- GCU 171 / SOS 171 The Thread of Energy (SUST)
- GPH 210 / SOS 210 Society and Environment
- HCR 336 Environmental Community Health

Requirement	Minimum Grade	Credit Hours
HEP 394 Topic: Health and Climate Change		
IAS 340 / **PHI 320 Bioethics (HUAD)**		
IAS 409 / **PHI 409 Eco-Community Ethics**		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JUS 332 Politics of Energy Policy and Justice		
NTR 353 The Western Diet		
PAX 230 Introduction to Peace Studies (GCSI)		
PSY 306 Environmental Psychology		
PUP 411 Environment, Justice and Cities (CIVI)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 444 Climate Change, Society and Sustainability		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general	C	6

studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Interdisciplinary Requirements

MAT 170 Precalculus (MATH) or higher level MATH general studies course	C	3

Cognate Sciences Set A

GLG 108 Water Planet (SCIT) OR **GLG 101 Introduction to Geology I (Physical) (SCIT)** AND **GLG 103** / **ENV 103 Introduction to Geology I: Laboratory (SCIT)**		
PHY 101 Introduction to Physics (SCIT)		
	C	8

OR **Cognate Sciences Set B**

PHY 111 General Physics (SCIT) AND **PHY 113 General Physics Laboratory (SCIT)**		
PHY 112 General Physics (SCIT) AND **PHY 114 General Physics Laboratory (SCIT)**		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biology (Environmental Justice), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASLSCEJBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Biology Core		
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology AND LSC 322 Fundamentals of Ecology Laboratory	C	4
BIO 353 Cell Biology AND BIO 354 Cell Biology Laboratory	C	4
LSC 347 Fundamentals of Genetics AND LSC 348 Fundamentals of Genetics Laboratory	C	4
Chemistry Core		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4

Requirement	Minimum Grade	Credit Hours
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II	C	4
Environmental Justice Concentration		
ENV 200 Introduction to Justice in the Environment or IAS 200 Introduction to Justice in the Environment or JHR 200 Introduction to Justice in the Environment	C	3
ENV 201 Fundamentals of Environmental Science (SUST)	C	3
ENV 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications	C	3
IAS 407 Environmental Philosophy and Policy (SUST) or PHI 407 Environmental Philosophy and Policy (SUST)	C	3
SOC 331 Environmental Sociology (SUST)	C	3
Environmental Justice Electives		
Environmental Justice Electives	C	6
ABS 270 Sustainable Biological Systems (SUST)		
ABS 302 Ethical and Policy Issues in Biology		
ABS 394 Topic: Human Rights and Environmental Management		
ABS 479 Ecosystem Management and Planning		
ASB 463 / SOS 463 / TCL 443 Political Ecology of the Border		

Requirement	Minimum Grade	Credit Hours
ASB 343 / SOS 343 / TCL 343 / PUP 343 Latinas/os and the Environment		
COM 328 Communicating Science		
COM 415 Risk Communication (SOBE)		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
FIS 444 / JUS 444 Environment and Justice		
GCU 171 / SOS 171 The Thread of Energy (SUST)		
GPH 210 / SOS 210 Society and Environment		
HCR 336 Environmental Community Health		
HEP 394 Topic: Health and Climate Change		
IAS 340 / PHI 320 Bioethics (HUAD)		
IAS 409 / PHI 409 Eco-Community Ethics		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JUS 332 Politics of Energy Policy and Justice		
NTR 353 The Western Diet		
PAX 230 Introduction to Peace Studies (GCSI)		
PSY 306 Environmental Psychology		
PUP 411 Environment, Justice and Cities (CIVI)		
SOC 352 Social Change (CIVI)		

Requirement	Minimum Grade	Credit Hours
SOC 426 Social Inequalities (CIVI)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 444 Climate Change, Society and Sustainability		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Biology (Pharmacology/Toxicology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASLSCPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology **AND** **LSC 322 Fundamentals of Ecology Laboratory**	C	4
BIO 353 Cell Biology **AND** **BIO 354 Cell Biology Laboratory**	C	4
LSC 347 Fundamentals of Genetics **AND** **LSC 348 Fundamentals of Genetics Laboratory**	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
Chemistry Core		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II	C	4
BCH 371 Modern Concepts in Biochemistry AND BCH 372 Modern Concepts in Biochemistry Laboratory	C	4
Pharmacology and Toxicology Concentration		
BIO 360 Animal Physiology AND LSC 359 Animal Physiology Laboratory	C	4
LSC 362 The Human Environment	C	3
MIC 443 The Microbial Universe AND MIC 444 The Microbial Universe Laboratory	C	4
PTX 432 Fundamentals of Pharmacology or LSC 432 Fundamentals of Pharmacology	C	3
PTX 475 Principles of Toxicology or LSC 475 Principles of Toxicology	C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar

required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

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Curriculum - Biotechnology and Bioenterprise, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASBITEBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 353 Cell Biology **AND** **BIO 354 Cell Biology Laboratory**	C	4
LSC 347 Fundamentals of Genetics **AND** **LSC 348 Fundamentals of Genetics Laboratory**	C	4
MIC 443 The Microbial Universe **AND** **MIC 444 The Microbial Universe Laboratory**	C	4

Requirement	Minimum Grade	Credit Hours
Chemistry Core		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II	C	4
Biotechnology and Bioenterprise Focus Area Select and complete one focus area. The Biotechnology and Bioentrepreneurship tracks require students to complete MAT 210 and STP 226, while the Biostatistics track requires students to complete MAT 270 and STP 280.		
MAT 210 Brief Calculus (MATH) OR MAT 270 Calculus with Analytic Geometry I (MATH)	C	3 - 4
STP 226 Elements of Statistics (QTRS) OR STP 280 Probability and Statistics for Researchers (QTRS)	C	3
Biostatistics	C	3 - 10
MAT 271 Calculus with Analytic Geometry II (MATH)		
STP 281 Statistical Analysis for Researchers		
STP 310 Design and Analysis of Experiments		

Requirement	Minimum Grade	Credit Hours
OR **Biotechnology**		
BCH 371 Modern Concepts in Biochemistry AND **BCH 372 Modern Concepts in Biochemistry Laboratory**		
BIO 443 Applied Molecular Genetics and Genomics AND **LSC 447 Molecular Genetics Laboratory**		
OR **Bioentrepreneurship**		
TMC 110 Understanding the Enterprise		
TMC 310 Promotion of the Enterprise		
TMC 320 Funding the Enterprise		
TMC 330 Leading the Enterprise		
Upper Division Biostatistics	C	3 - 9
STP 310 Design and Analysis of Experiments		
OR **Upper Division Biotechnology**		
BCH 371 Modern Concepts in Biochemistry AND **BCH 372 Modern Concepts in Biochemistry Laboratory**		
BIO 443 Applied Molecular Genetics and Genomics AND **LSC 447 Molecular Genetics Laboratory**		
OR **Upper Division Bioentrepreneurship**		

Requirement	Minimum Grade	Credit Hours
TMC 310 Promotion of the Enterprise		
TMC 320 Funding the Enterprise		
TMC 330 Leading the Enterprise		

Biotechnology and Bioenterprise Capstone

Upper Division Biotechnology and Bioenterprise Capstone

ENV 388 / FOR 388 / LSC 388 / PLB 388 / PTX 388 STEM Research Fundamentals		
BIO 484 / ENV 484 / FOR 484 / LSC 484 / PTX 484 Internship		
BIO 495 Undergraduate Research		
BIO 492 / ENV 492 / FOR 492 / LSC 492 / PTX 492 Honors Directed Study	C	3
BIO 493 / ENV 493 / FOR 493 / LSC 493 / PTX 493 Honors Thesis		
BIO 499 / ENV 499 / FOR 499 / LSC 499 / PTX 499 Individualized Instruction		

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general	C	6

studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Interdisciplinary Requirements

PHY 101 Introduction to Physics (SCIT)	C	4
TEM 230 Creativity and Business Innovation OR **LSC 482 Design Thinking for National Security**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Communication, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASCOMMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Communication Core

COM 100 Introduction to Human Communication (SOBE)	C	3
COM 207 Critical Thinking and Writing in Communication	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
COM 230 Teamwork and Collaboration (SOBE) OR **COM 259 Communication in Business and the Professions (CIVI)**	C	3
COM 308 Communication Research Strategies	C	3
COM 309 Rhetorical, Interpretive, and Critical Methods in Communication	C	3

Requirement	Minimum Grade	Credit Hours
Communication Electives		
Upper Division Communication, Community, and Culture Focus Area	C	12
COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
COM 310 Communication in Interpersonal Relationships (SOBE)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 314 Inner-City Families: The Cycle of Poverty		
COM 316 Gender and Communication (SOBE)		
COM 317 Nonverbal Communication (SOBE)		
COM 321 Rhetorical Theory and Research		
COM 342 Oral History and Storytelling (HUAD)		
COM 371 Language, Culture and Communication (GCSI)		
COM 400 Communication in Professions		
COM 410 Advanced Interpersonal Communication (SOBE)		
COM 411 Communication in the Family (SOBE)		
COM 413 Resilient Relationships and Communities		
COM 417 Communication and Aging		
COM 421 Rhetoric of Social Issues		

Requirement	Minimum Grade	Credit Hours
COM 423 Facilitating Collaboration and Dialogue		
COM 427 Crime and Media		
COM 430 Leadership in Group Communication		
COM 432 Forgiveness and Reconciliation		
COM 450 Organizational Communication (SOBE)		
COM 451 Communication and Work Relationships		
COM 453 Communication Training and Development		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 477 Sport, Culture, and Discourses		
OR		
Upper Division Mediated Communication Focus Area		
COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
COM 316 Gender and Communication (SOBE)		
COM 324 Rhetoric and Media Criticism		
COM 363 Latinxs and the Media (SOBE)		
COM 416 Gender and Race in the Media		
COM 424 Television Studies and Criticism		
COM 427 Crime and Media		
COM 429 Visual Communication and Semiotics		

Requirement	Minimum Grade	Credit Hours
COM 455 Surveillance and Popular Culture		
COM 457 New Media		
COM 458 Media and Everyday Life		
COM 459 Theory and Methods of Social Media Networks		
COM 471 Global Media and Cultural Identity (GCSI)		
COM 477 Sport, Culture, and Discourses		

OR

Upper Division Strategic and Public Interest Communication Focus Area

COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 321 Rhetorical Theory and Research		
COM 325 Advanced Public Speaking and Presentations (CIVI)		
COM 328 Communicating Science		
COM 342 Oral History and Storytelling (HUAD)		
COM 353 Professional Communication		
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		
COM 421 Rhetoric of Social Issues		

Requirement	Minimum Grade	Credit Hours
COM 422 Advanced Argumentation (CIVI)		
COM 423 Facilitating Collaboration and Dialogue		
COM 426 Political Communication		
COM 453 Communication Training and Development		
COM 454 Rhetorical and Critical Approaches to Public Relations		
COM 456 Political Communication Campaigns		
COM 457 New Media		
COM 482 Communication, Instruction and Training		
Communication, Community, and Culture Focus Area	C	3
COM 110 Elements of Interpersonal Communication (SOBE)		
COM 235 Disability, Justice and Advocacy (CIVI)		
COM 230 Teamwork and Collaboration (SOBE)		
COM 250 Communication and the Workplace (SOBE)		
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM 277 Sport Communication		
COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
COM 310 Communication in Interpersonal Relationships (SOBE)		

Requirement	Minimum Grade	Credit Hours
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 314 Inner-City Families: The Cycle of Poverty		
COM 316 Gender and Communication (SOBE)		
COM 317 Nonverbal Communication (SOBE)		
COM 321 Rhetorical Theory and Research		
COM 342 Oral History and Storytelling (HUAD)		
COM 371 Language, Culture and Communication (GCSI)		
COM 400 Communication in Professions		
COM 410 Advanced Interpersonal Communication (SOBE)		
COM 411 Communication in the Family (SOBE)		
COM 413 Resilient Relationships and Communities		
COM 417 Communication and Aging		
COM 421 Rhetoric of Social Issues		
COM 423 Facilitating Collaboration and Dialogue		
COM 427 Crime and Media		
COM 430 Leadership in Group Communication		
COM 432 Forgiveness and Reconciliation		
COM 450 Organizational Communication (SOBE)		

Requirement	Minimum Grade	Credit Hours
COM 451 Communication and Work Relationships		
COM 453 Communication Training and Development		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 477 Sport, Culture, and Discourses		
OR Mediated Communication Focus Area		
COM 124 Media and Culture (HUAD)		
COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
COM 316 Gender and Communication (SOBE)		
COM 324 Rhetoric and Media Criticism		
COM 363 Latinxs and the Media (SOBE)		
COM 416 Gender and Race in the Media		
COM 424 Television Studies and Criticism		
COM 427 Crime and Media		
COM 429 Visual Communication and Semiotics		
COM 455 Surveillance and Popular Culture		
COM 457 New Media		
COM 458 Media and Everyday Life		
COM 459 Theory and Methods of Social Media		

Requirement	Minimum Grade	Credit Hours
Networks		
COM 471 Global Media and Cultural Identity (GCSI)		
COM 477 Sport, Culture, and Discourses		
OR **Strategic and Public Interest Communication Focus Area**		
COM 124 Media and Culture (HUAD)		
COM 222 Argumentation (CIVI)		
COM 259 Communication in Business and the Professions (CIVI)		
COM 294 Topic: Introduction to Strategic Communication		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 321 Rhetorical Theory and Research		
COM 325 Advanced Public Speaking and Presentations (CIVI)		
COM 328 Communicating Science		
COM 342 Oral History and Storytelling (HUAD)		
COM 353 Professional Communication		
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		

Requirement	Minimum Grade	Credit Hours
COM 421 Rhetoric of Social Issues		
COM 422 Advanced Argumentation (CIVI)		
COM 423 Facilitating Collaboration and Dialogue		
COM 426 Political Communication		
COM 453 Communication Training and Development		
COM 454 Rhetorical and Critical Approaches to Public Relations		
COM 456 Political Communication Campaigns		
COM 457 New Media		
COM 482 Communication, Instruction and Training		
Upper Division **COM Elective** Up to 6 credit hours of experiential learning (COM 382/383/483/484/485/492/493/498/499) may apply toward this requirement.	C	9
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-	C	6

division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement or research opportunities, and more, visit: https://newcollege.asu.edu/

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/

Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Communication, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASCOMMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Communication Core

COM 100 Introduction to Human Communication (SOBE)	C	3
COM 207 Critical Thinking and Writing in Communication	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
COM 230 Teamwork and Collaboration (SOBE) OR **COM 259 Communication in Business and the Professions (CIVI)**	C	3
COM 308 Communication Research Strategies	C	3
COM 309 Rhetorical, Interpretive, and Critical Methods in Communication	C	3

Requirement	Minimum Grade	Credit Hours
PSY 230 Introduction to Statistics (QTRS) OR STP 226 Elements of Statistics (QTRS)	C	3
PSY 330 Statistical Methods (QTRS) OR SBS 304 Social Statistics I (QTRS) OR STP 420 Introductory Applied Statistics (QTRS)	C	3

Communication Electives

Upper Division Communication, Community, and Culture Focus Area	C	12

- COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)
- COM 310 Communication in Interpersonal Relationships (SOBE)
- COM 312 Communication, Conflict, and Negotiation (CIVI)
- COM 314 Inner-City Families: The Cycle of Poverty
- COM 316 Gender and Communication (SOBE)
- COM 317 Nonverbal Communication (SOBE)
- COM 321 Rhetorical Theory and Research
- COM 342 Oral History and Storytelling (HUAD)
- COM 371 Language, Culture and Communication (GCSI)
- COM 400 Communication in Professions
- COM 410 Advanced Interpersonal Communication

Requirement	Minimum Grade	Credit Hours
(SOBE)		
COM 411 Communication in the Family (SOBE)		
COM 413 Resilient Relationships and Communities		
COM 417 Communication and Aging		
COM 421 Rhetoric of Social Issues		
COM 423 Facilitating Collaboration and Dialogue		
COM 427 Crime and Media		
COM 430 Leadership in Group Communication		
COM 432 Forgiveness and Reconciliation		
COM 450 Organizational Communication (SOBE)		
COM 451 Communication and Work Relationships		
COM 453 Communication Training and Development		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 477 Sport, Culture, and Discourses		
OR Upper Division Mediated Communication Focus Area		
COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
COM 316 Gender and Communication (SOBE)		
COM 324 Rhetoric and Media Criticism		

Requirement	Minimum Grade	Credit Hours
COM 363 Latinxs and the Media (SOBE)		
COM 416 Gender and Race in the Media		
COM 424 Television Studies and Criticism		
COM 427 Crime and Media		
COM 429 Visual Communication and Semiotics		
COM 455 Surveillance and Popular Culture		
COM 457 New Media		
COM 458 Media and Everyday Life		
COM 459 Theory and Methods of Social Media Networks		
COM 471 Global Media and Cultural Identity (GCSI)		
COM 477 Sport, Culture, and Discourses		

OR

Upper Division Strategic and Public Interest Communication Focus Area

COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 321 Rhetorical Theory and Research		
COM 325 Advanced Public Speaking and Presentations (CIVI)		
COM 328 Communicating Science		

Requirement	Minimum Grade	Credit Hours
COM 342 Oral History and Storytelling (HUAD)		
COM 353 Professional Communication		
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		
COM 421 Rhetoric of Social Issues		
COM 422 Advanced Argumentation (CIVI)		
COM 423 Facilitating Collaboration and Dialogue		
COM 426 Political Communication		
COM 453 Communication Training and Development		
COM 454 Rhetorical and Critical Approaches to Public Relations		
COM 456 Political Communication Campaigns		
COM 457 New Media		
COM 482 Communication, Instruction and Training		
Communication, Community, and Culture Focus Area	C	3
COM 110 Elements of Interpersonal Communication (SOBE)		
COM 235 Disability, Justice and Advocacy (CIVI)		
COM 230 Teamwork and Collaboration (SOBE)		
COM 250 Communication and the Workplace (SOBE)		

Requirement	Minimum Grade	Credit Hours
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM 277 Sport Communication		
COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
COM 310 Communication in Interpersonal Relationships (SOBE)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 314 Inner-City Families: The Cycle of Poverty		
COM 316 Gender and Communication (SOBE)		
COM 317 Nonverbal Communication (SOBE)		
COM 321 Rhetorical Theory and Research		
COM 342 Oral History and Storytelling (HUAD)		
COM 371 Language, Culture and Communication (GCSI)		
COM 400 Communication in Professions		
COM 410 Advanced Interpersonal Communication (SOBE)		
COM 411 Communication in the Family (SOBE)		
COM 413 Resilient Relationships and Communities		
COM 417 Communication and Aging		

Requirement	Minimum Grade	Credit Hours
COM 421 Rhetoric of Social Issues		
COM 423 Facilitating Collaboration and Dialogue		
COM 427 Crime and Media		
COM 430 Leadership in Group Communication		
COM 432 Forgiveness and Reconciliation		
COM 450 Organizational Communication (SOBE)		
COM 451 Communication and Work Relationships		
COM 453 Communication Training and Development		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 477 Sport, Culture, and Discourses		

OR

Mediated Communication Focus Area

COM 124 Media and Culture (HUAD)		
COM 302 Representations and Self-Representations of Veterans in the Media and the Arts (HUAD)		
COM 316 Gender and Communication (SOBE)		
COM 324 Rhetoric and Media Criticism		
COM 363 Latinxs and the Media (SOBE)		
COM 416 Gender and Race in the Media		

Requirement	Minimum Grade	Credit Hours
COM 424 Television Studies and Criticism		
COM 427 Crime and Media		
COM 429 Visual Communication and Semiotics		
COM 455 Surveillance and Popular Culture		
COM 457 New Media		
COM 458 Media and Everyday Life		
COM 459 Theory and Methods of Social Media Networks		
COM 471 Global Media and Cultural Identity (GCSI)		
COM 477 Sport, Culture, and Discourses		
OR Strategic and Public Interest Communication Focus Area		
COM 124 Media and Culture (HUAD)		
COM 222 Argumentation (CIVI)		
COM 259 Communication in Business and the Professions (CIVI)		
COM 294 Topic: Introduction to Strategic Communication		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 321 Rhetorical Theory and Research		

Requirement	Minimum Grade	Credit Hours
COM 325 Advanced Public Speaking and Presentations (CIVI)		
COM 328 Communicating Science		
COM 342 Oral History and Storytelling (HUAD)		
COM 353 Professional Communication		
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		
COM 421 Rhetoric of Social Issues		
COM 422 Advanced Argumentation (CIVI)		
COM 423 Facilitating Collaboration and Dialogue		
COM 426 Political Communication		
COM 453 Communication Training and Development		
COM 454 Rhetorical and Critical Approaches to Public Relations		
COM 456 Political Communication Campaigns		
COM 457 New Media		
COM 482 Communication, Instruction and Training		
Upper Division **COM Elective** Up to 6 credit hours of experiential learning (COM 382/383/483/484/485/492/493/498/499) may apply toward this requirement.	C	9

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Conflict Resolution, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASCNRBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Conflict Resolution Core

COM 100 Introduction to Human Communication (SOBE)	C	3
COM 222 Argumentation (CIVI) OR **COM 230 Teamwork and Collaboration (SOBE)** OR **COM 263 Communication Across Cultures and Global Engagement (GCSI)**	C	3
COM 312 Communication, Conflict, and Negotiation (CIVI)	C	3
PAX 230 Introduction to Peace Studies (GCSI) OR **JHR 100 Introduction to Social Justice and Human Rights (CIVI)**	C	3

Requirement	Minimum Grade	Credit Hours
Conflict Resolution Focus Areas		
Upper Division Conflict in Political and Social Systems Focus Area		
AMS 449 / ETH 449 / WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)	C	6
COM 421 Rhetoric of Social Issues		
COM 422 Advanced Argumentation (CIVI)		
ENG 456 / FOR 456 / PAX 456 / SBS 456 Studies in Forensic Linguistics		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 454 History of Genocide (GCSI)		
POS 470 Law and the Political Order		
SOC 352 Social Change (CIVI)		
Upper Division Global and Intercultural Conflict Focus Area	C	6
COM 316 Gender and Communication (SOBE)		
COM 342 Oral History and Storytelling (HUAD)		
COM 371 Language, Culture and Communication (GCSI)		
COM 416 Gender and Race in the Media		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 471 Global Media and Cultural Identity (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 480 / SBS 480 Global Justice (GCSI)		
SOC 445 Globalization, Development, and Resistance		
Upper Division Relational and Interpersonal Conflict Focus Area		
COM 310 Communication in Interpersonal Relationships (SOBE)	C	6
COM 319 Persuasion and Social Influence (CIVI)		
COM 411 Communication in the Family (SOBE)		
COM 413 Resilient Relationships and Communities		
COM 417 Communication and Aging		
COM 432 Forgiveness and Reconciliation		
Upper Division Work and Organizational Conflict Focus Area		
COM 400 Communication in Professions	C	6
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		
COM 423 Facilitating Collaboration and Dialogue		
COM 430 Leadership in Group Communication		
COM 451 Communication and Work Relationships		

Conflict Resolution Electives

Requirement	Minimum Grade	Credit Hours
Upper Division Conflict Resolutions Electives	C	9
AMS 449 / ETH 449 / WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
COM 421 Rhetoric of Social Issues		
COM 422 Advanced Argumentation (CIVI)		
ENG 456 / FOR 456 / PAX 456 / SBS 456 Studies in Forensic Linguistics		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 454 History of Genocide (GCSI)		
POS 470 Law and the Political Order		
SOC 352 Social Change (CIVI)		
COM 316 Gender and Communication (SOBE)		
COM 342 Oral History and Storytelling (HUAD)		
COM 371 Language, Culture and Communication (GCSI)		
COM 416 Gender and Race in the Media		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
COM 471 Global Media and Cultural Identity (GCSI)		
POS 480 / SBS 480 Global Justice (GCSI)		
SOC 445 Globalization, Development, and Resistance		

Requirement	Minimum Grade	Credit Hours
COM 310 Communication in Interpersonal Relationships (SOBE)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 411 Communication in the Family (SOBE)		
COM 413 Resilient Relationships and Communities		
COM 417 Communication and Aging		
COM 432 Forgiveness and Reconciliation		
COM 400 Communication in Professions		
COM 414 Crisis Communication		
COM 415 Risk Communication (SOBE)		
COM 423 Facilitating Collaboration and Dialogue		
COM 430 Leadership in Group Communication		
COM 451 Communication and Work Relationships		
COM 484 Internship		
COM 493 Honors Thesis		
COM 499 Individualized Instruction		

A maximum of three credit hours of COM 484, COM 493, or COM 499 may apply toward the Conflict Resolution electives category.

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Digital Forensics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASCPFBS
Minimum credit hours: 120
Upper division minimum credit hours: 51

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Digital Forensics Core

ACO 101 Introduction to Computer Science (QTRS) OR **CSE 110 Principles of Programming (QTRS)**	C	3
ACO 102 Object-Oriented Programming (QTRS) OR **CSE 205 Object-Oriented Programming and Data Structures (QTRS)**	C	3
ACO 201 Data Structures and Algorithms (QTRS)	C	3
ACO 240 Introduction to Programming Languages OR **CSE 240 Introduction to Programming Languages**	C	3
ACO 320 Database Systems	C	3

Requirement	Minimum Grade	Credit Hours
ACO 330 Computer Networks	C	3
ACO 331 Network Forensics Analysis	C	3
ACO 350 Systems Programming (QTRS)	C	3
ACO 361 Secure Coding Concepts	C	3
ACO 423 Data Science	C	3
FOR 350 Digital Forensics	C	3

Digital Forensics Electives

Upper Division Digital Forensics Electives	C	24

- FOR 394 Special Topics
- FOR 494 Special Topics
- ACO 461 Security Operations
- ACO 430 Wireless Networks and Security
- ACO 431 Network Security
- CSE 365 Information Assurance
- CSE 494 Topic: Artificial Intelligence for Cyber Security
- CSE 463 Introduction to Human Computer Interaction
- CSE 467 Data and Information Security
- CSE 468 Computer Network Security
- CSE 469 Computer and Network Forensics

Requirement	Minimum Grade	Credit Hours
CSE 471 Introduction to Artificial Intelligence		
Digital Forensics Electives		
FOR 194 Special Topics		
FOR 394 Special Topics		
FOR 494 Special Topics		
ACO 461 Security Operations		
ACO 430 Wireless Networks and Security		
ACO 431 Network Security		
CSE 230 Computer Organization and Assembly Language Programming	C	6
CSE 365 Information Assurance		
CSE 494 Topic: Artificial Intelligence for Cyber Security		
CSE 463 Introduction to Human Computer Interaction		
CSE 467 Data and Information Security		
CSE 468 Computer Network Security		
CSE 469 Computer and Network Forensics		
CSE 471 Introduction to Artificial Intelligence		

Special topics courses must be related to Digital Forensics.
Connect with your academic advisor if you have any questions.

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: All New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
MAT 243 Discrete Mathematical Structures OR **MAT 300 Mathematical Structures**	C	3
STP 226 Elements of Statistics (QTRS) OR **STP 280 Probability and Statistics for Researchers (QTRS)**	C	3
FOR 105 Physical Evidence and the Crime Scene (SCIT)	C	4
FOR 106 Biology Behind the Crime Scene (SCIT)	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	C	1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
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Curriculum - Disability Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASDISASBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Disability Studies Core

DST 101 Introduction to Disability Studies (CIVI)	C	3
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE) OR **DST 458 Disability and Communication Advocacy**	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3

Disability Studies Electives

Requirement	Minimum Grade	Credit Hours
Upper Division Disability Studies Electives	C	24
AMS 449 / ETH 449 / WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 469 / ETH 469 / WST 469 Trash Talk		
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
BIO 312 / IAS 340 / PHI 320 Bioethics (HUAD)		
CDE 498 / FAS 498 / SOC 498 Topic: Disability and Inclusion		
COM 421 Rhetoric of Social Issues		
DST 322 Social and Cultural Implications of the Many Forms of Disability (SOBE)		
DST 394 Topic: Civil Rights Law and Accessibility Compliance		
DST 394 Topic: Disability History		
DST 394 Topic: Disability Studies Memoir and Writing		
DST 394 Topic: International Disability Issues		
DST 394 Special Topics		
DST 458 Disability and Communication Advocacy		
DST 469 / ENG 469 Science and Literature		
DST 494 Topic: Disability & Media: The Politics of Representation		
DST 494 Topic: Gender, Sexuality, and Disability		

Requirement	Minimum Grade	Credit Hours
DST 494 / IAP 494 Topic: Disability and Aesthetics		
DST 494 Special Topics		
HRC 494 Topic: Veterans and Critical Disability Studies		
IAP 494 Topic: Accessibility in Digital Arts and Design		
JUS 301 Research in Justice Studies (SOBE)		
RTH 364 Foundations in Recreational Therapy (SOBE)		
SOC 352 Social Change (CIVI)		
SOC 400 Perspectives on Aging		

Disability Studies Capstone

DST 484 Internship			
OR **DST 493 Honors Thesis**		C	3
OR **DST 499 Individualized Instruction**			
OR **HRC 480 Capstone: Practices and Approaches**			
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-		C	6

division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASENGBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

English Core

ENG 200 Critical Reading and Writing About Literature (HUAD)	C	3

English Distribution Clusters

A minimum of six credit hours must be completed from each of the four distribution clusters for a total of 24 credit hours. At least 12 credit hours must be completed at the upper-division level across all clusters. Courses cannot apply toward multiple cluster requirements.

Bodies, Intersections, Transitions Distribution Cluster	C	6
ENG 203 Introduction to Health Humanities		

Requirement	Minimum Grade	Credit Hours
ENG 323 Rhetoric and Grammar		
ENG 324 Horror: Film and Short Stories (HUAD)		
ENG 333 American Ethnic Literature		
ENG 364 Women and Literature (HUAD)		
ENG 369 Science Fiction Studies		
ENG 421 Studies in Shakespeare (HUAD)		
ENG 431 Whitman and Dickinson		
ENG 443 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature (HUAD)		
ENG 461 Studies in Women and Literature		
ENG 472 Rhetorical Studies		
ENG 476 Studies in Folklore		
ENG 478 Studies in Modernism		
ENG 494 Topic: Disrupting Dis/Ability Discourses		
ENG 494 Topic: Weird Fiction: Films and Short Stories		
Borders, Boundaries, Citizenship Distribution Cluster	C	6
ENG 221 Survey of English Literature I (HUAD)		
ENG 222 Survey of English Literature II (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		

Requirement	Minimum Grade	Credit Hours
ENG 242 Literatures of the United States, 1860 to Present (HUAD)		
ENG 328 The Novel to Jane Austen (HUAD)		
ENG 333 American Ethnic Literature		
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 342 20th-Century British and Irish Literature		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 379 Travel Writing		
ENG 386 American Gothic		
ENG 394 Topic: Oral History & Storytelling in Humanities & Arts		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 432 The American Renaissance		
ENG 457 Studies in American Poetry (HUAD)		
ENG 462 Africana Literature		
ENG 498 Topic: Reading England's Literary Landscapes		

Requirement	Minimum Grade	Credit Hours
Climate, Energy, Infrastructure Distribution Cluster		
ENG 245 Popular Culture Issues	C	6
ENG 324 Horror: Film and Short Stories (HUAD)		
ENG 342 20th-Century British and Irish Literature		
ENG 367 Environmental Issues in Literature and Film		
ENG 369 Science Fiction Studies		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 415 Studies in Medieval Literature and Culture (HUAD)		
ENG 416 Chaucer in Middle English (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		
ENG 498 Topic: Reading England's Literary Landscapes		
Writing, Power, Change Distribution Cluster	C	6
ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)		
ENG 213 Introduction to the Study of Language (SOBE)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		
ENG 288 Beginning Creative Writing Workshop in Fiction		

Requirement	Minimum Grade	Credit Hours
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 323 Rhetoric and Grammar		
ENG 339 Creating Dramatic Works: Page to Stage to Screen		
ENG 352 Short Story (HUAD)		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 361 Scriptwriting		
ENG 379 Travel Writing		
ENG 394 Topic: Print and the Protest		
ENG 410 Writing for Publication		
ENG 416 Chaucer in Middle English (HUAD)		
ENG 425 Studies in Romanticism (HUAD)		
ENG 433 Literary Magazine Publishing: Canyon Voices (HUAD)		
ENG 437 The American Novel, 1900 - 1960		
ENG 440 Studies in American Literature and Culture		
ENG 472 Rhetorical Studies		
ENG 484 Topic: Pen Project Prison Teaching		

Requirement	Minimum Grade	Credit Hours
English Electives		
ENG Elective First year writing courses (ENG 101/102/105/107/108) do not apply. Up to three credit hours of ENG 499 may apply toward this requirement.	C	9
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English (Secondary Education), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASENGSEBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

English Core

ENG 200 Critical Reading and Writing About Literature (HUAD)	C	3

English Distribution Clusters

A minimum of six credit hours must be completed from each of the four distribution clusters for a total of 24 credit hours. At least 12 credit hours must be completed at the upper-division level across all clusters. Courses cannot apply toward multiple cluster requirements.

Bodies, Intersections, Transitions Distribution Cluster	C	6
ENG 203 Introduction to Health Humanities		

Requirement	Minimum Grade	Credit Hours
ENG 323 Rhetoric and Grammar		
ENG 324 Horror: Film and Short Stories (HUAD)		
ENG 333 American Ethnic Literature		
ENG 364 Women and Literature (HUAD)		
ENG 369 Science Fiction Studies		
ENG 421 Studies in Shakespeare (HUAD)		
ENG 431 Whitman and Dickinson		
ENG 443 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature (HUAD)		
ENG 461 Studies in Women and Literature		
ENG 472 Rhetorical Studies		
ENG 476 Studies in Folklore		
ENG 478 Studies in Modernism		
ENG 494 Topic: Disrupting Dis/Ability Discourses		
ENG 494 Topic: Weird Fiction: Films and Short Stories		
Borders, Boundaries, Citizenship Distribution Cluster	C	6
ENG 221 Survey of English Literature I (HUAD)		
ENG 222 Survey of English Literature II (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		

Requirement	Minimum Grade	Credit Hours
ENG 242 Literatures of the United States, 1860 to Present (HUAD)		
ENG 328 The Novel to Jane Austen (HUAD)		
ENG 333 American Ethnic Literature		
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 342 20th-Century British and Irish Literature		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 379 Travel Writing		
ENG 386 American Gothic		
ENG 394 Topic: Oral History & Storytelling in Humanities & Arts		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 432 The American Renaissance		
ENG 457 Studies in American Poetry (HUAD)		
ENG 462 Africana Literature		
ENG 498 Topic: Reading England's Literary Landscapes		

Requirement	Minimum Grade	Credit Hours
Climate, Energy, Infrastructure Distribution Cluster		
ENG 245 Popular Culture Issues	C	6
ENG 324 Horror: Film and Short Stories (HUAD)		
ENG 342 20th-Century British and Irish Literature		
ENG 367 Environmental Issues in Literature and Film		
ENG 369 Science Fiction Studies		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 415 Studies in Medieval Literature and Culture (HUAD)		
ENG 416 Chaucer in Middle English (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		
ENG 498 Topic: Reading England's Literary Landscapes		
Writing, Power, Change Distribution Cluster	C	6
ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)		
ENG 213 Introduction to the Study of Language (SOBE)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		
ENG 288 Beginning Creative Writing Workshop in Fiction		

Requirement	Minimum Grade	Credit Hours
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 323 Rhetoric and Grammar		
ENG 339 Creating Dramatic Works: Page to Stage to Screen		
ENG 352 Short Story (HUAD)		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 361 Scriptwriting		
ENG 379 Travel Writing		
ENG 394 / IAP 394 Topic: Print and the Protest		
ENG 410 Writing for Publication		
ENG 416 Chaucer in Middle English (HUAD)		
ENG 425 Studies in Romanticism (HUAD)		
ENG 433 Literary Magazine Publishing: Canyon Voices (HUAD)		
ENG 437 The American Novel, 1900 - 1960		
ENG 440 Studies in American Literature and Culture		
ENG 472 Rhetorical Studies		
ENG 484 Topic: Pen Project Prison Teaching		

Requirement	Minimum Grade	Credit Hours
English Electives		
ENG Elective First year writing courses (ENG 101/102/105/107/108) do not apply. Up to 3 credit hours of ENG 499 may apply toward this requirement.	C	9
Secondary Education Requirements		
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
ENG 482 Methods of Teaching English: Language	C	3
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 488 Student Teaching	C	12
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals	C	6

(GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Environmental Science, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASENVBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology **AND** **LSC 322 Fundamentals of Ecology Laboratory**	C	4
BIO 353 Cell Biology OR **LSC 347 Fundamentals of Genetics**	C	3

Chemistry Core

CHM 113 General Chemistry I (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT) OR CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 302 Environmental Chemistry	C	3

Environmental Science Core

ENV 201 Fundamentals of Environmental Science (SUST)	C	3
ENV 345 Spatial Analysis in the Environmental Sciences	C	3
ENV 485 Environmental Impact Assessment (CIVI)	C	3

Environmental Science Electives

Upper Division Natural Science Electives	C	12

- BIO 345 Evolution
- BIO 360 Animal Physiology
- BIO 370 Vertebrate Zoology
- BIO 385 Comparative Invertebrate Zoology
- BIO 410 Techniques in Conservation Biology and Ecology
- BIO 412 Conservation in Practice
- BIO 422 Ecosystem Ecology

Requirement	Minimum Grade	Credit Hours
BIO 426 Limnology		
BIO 431 Genes, Development, and Evolution		
BIO 474 Herpetology		
BIO 499 Individualized Instruction		
ENV 499 Individualized Instruction		
LSC 499 Individualized Instruction		
PLB 499 Individualized Instruction		
ENV 300 / PLB 300 Plant Diversity and Evolution		
ENV 302 / PLB 302 Plants and Civilization		
ENV 388 / PLB 388 STEM Research Fundamentals		
ENV 394 / LSC 394 Topic: Animal Behavior in a Changing Environment		
ENV 394 Special Topics		
PLB 394 Special Topics		
ENV 410 Soil Science		
ENV 412 / PLB 412 Carbon, Climate and Photosynthesis		
ENV 415 Field Techniques in Natural Resource Management		
ENV 484 Internship		
LSC 484 Internship		
ENV 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
PLB 494 Special Topics		
ENV 492 Honors Directed Study		
ENV 499 Individualized Instruction		
LSC 499 Individualized Instruction		
ERM 502 Regulatory Framework for Toxic and Hazardous Substances		
ERM 520 Sustainability and Sustainable Development		
ERM 522 Air Pollution and Toxic Chemicals		
ERM 523 Soils and Groundwater Contamination		
ERM 527 Environmental/Resources Regulations Concepts		
ERM 535 Water Law and Policy		
ERM 598 Special Topics		
LSC 430 / PTX 430 Environmental and Human Toxicology		
LSC 434 Marine Ecology		
PLB 308 Plant Physiology		
PLB 310 The Flora of Arizona		
FOR 375 / PLB 375 Forensic Botany		
Upper Division Social Science Electives	C	3
ABS 381 Natural Resources Policy		

Requirement	Minimum Grade	Credit Hours
ABS 479 Ecosystem Management and Planning		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 375 Humans and the Environment: What's the Connection?		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 328 Communicating Science		
COM 430 Leadership in Group Communication		
ERM 428 International Environmental Management		
HST 345 Environmental History (SUST)		
OGL 300 Theory and Practice of Leadership		
OGL 355 Leading Organizational Innovation and Change		
POS 331 Public Opinion		
POS 426 Elements of Public Policy		
PUP 301 Introduction to Urban Planning		
SOC 333 Population		
SOS 311 Future Thinking and Strategies		
SOS 385 Business and Sustainability I (SUST)		
Social Science Electives	C	9

Requirement	Minimum Grade	Credit Hours
ABS 381 Natural Resources Policy		
ABS 479 Ecosystem Management and Planning		
ASB 272 / SOS 272 Economic Justice (CIVI)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 375 Humans and the Environment: What's the Connection?		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 328 Communicating Science		
COM 430 Leadership in Group Communication		
ECN 211 Macroeconomic Principles (SOBE)		
ERM 428 International Environmental Management		
HST 345 Environmental History (SUST)		
OGL 200 Introduction to Organizational Leadership (CIVI)		
OGL 300 Theory and Practice of Leadership		
OGL 355 Leading Organizational Innovation and Change		
PMG 240 Introduction to Project Management		
POS 110 American Government and Politics (AMIT) or POS 310 American National Government (AMIT)		

Requirement	Minimum Grade	Credit Hours
POS 331 Public Opinion		
POS 426 Elements of Public Policy		
PUP 301 Introduction to Urban Planning		
SOC 333 Population		
SOS 230 Professional Skills in Sustainability		
SOS 311 Future Thinking and Strategies		
SOS 385 Business and Sustainability I (SUST)		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ECN 212 Microeconomic Principles (SOBE)	C	3
GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** ENV 103 Introduction to Geology I: Laboratory (SCIT) **or** GLG 103 Introduction to Geology I: Laboratory (SCIT) OR GLG 108 Water Planet (SCIT)	C	3
GPH 210 Society and Environment	C	3
IAS 407 Environmental Philosophy and Policy (SUST) **or** PHI 407 Environmental Philosophy and Policy (SUST) OR IAS 409 Eco-Community Ethics **or** PHI 409 Eco-Community Ethics	C	3
MAT 170 Precalculus (MATH)	C	3
PHY 101 Introduction to Physics (SCIT) OR PHY 111 General Physics (SCIT) **AND** PHY 113 General Physics Laboratory (SCIT)	C	4
SOC 331 Environmental Sociology (SUST)	C	3
SOS 111 Sustainable Cities (SUST)	C	3
STP 226 Elements of Statistics (QTRS) OR STP 280 Probability and Statistics for Researchers (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR IAS 300 Career Strategies and Personal Resilience	C	1 - 3

NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Environmental Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASENVBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology **AND** **LSC 322 Fundamentals of Ecology Laboratory**	C	4
BIO 353 Cell Biology OR **LSC 347 Fundamentals of Genetics**	C	3
BIO 370 Vertebrate Zoology OR **BIO 385 Comparative Invertebrate Zoology**	C	4
BIO 422 Ecosystem Ecology	C	3

Requirement	Minimum Grade	Credit Hours
Chemistry Core		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT) OR CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 302 Environmental Chemistry	C	3
Environmental Science Core		
ENV 201 Fundamentals of Environmental Science (SUST)	C	3
ENV 345 Spatial Analysis in the Environmental Sciences	C	3
ENV 410 Soil Science	C	4
ENV 485 Environmental Impact Assessment (CIVI)	C	3
PLB 300 Plant Diversity and Evolution OR PLB 302 Plants and Civilization or ENV 302 Plants and Civilization OR PLB 375 Forensic Botany or FOR 375 Forensic Botany OR PLB 412 Carbon, Climate and Photosynthesis or ENV 412 Carbon, Climate and Photosynthesis OR Upper Division PLB Elective	C	3 - 4

Requirement	Minimum Grade	Credit Hours
BIO 474 Herpetology OR ENV 415 Field Techniques in Natural Resource Management OR PLB 310 The Flora of Arizona	C	4
Environmental Science Electives		
Chemistry/Toxicology Focus Area	C	11
BCH 371 Modern Concepts in Biochemistry AND BCH 372 Modern Concepts in Biochemistry Laboratory		
BIO 353 Cell Biology		
BIO 443 Applied Molecular Genetics and Genomics		
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II		
CHM 303 Environmental Chemistry Laboratory		
ENV 430 / LSC 430 / PTX 430 Environmental and Human Toxicology		
ERM 522 Air Pollution and Toxic Chemicals		
ERM 523 Soils and Groundwater Contamination		
ERM 598 Special Topics		
FOR 425 Analytical Chemistry for Life Sciences AND FOR 426 Analytical Chemistry for Life Sciences Lab		
LSC 347 Fundamentals of Genetics		
LSC 475 / PTX 475 Principles of Toxicology		

Requirement	Minimum Grade	Credit Hours
OR Ecosystem/Global Change Focus Area		
BIO 323 Ecosystem Restoration and Management		
BIO 412 Conservation in Practice		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 421 Landscape Ecology		
BIO 426 Limnology		
ENV 388 / LSC 388 / PLB 388 STEM Research Fundamentals		
ENV 412 / PLB 412 Carbon, Climate and Photosynthesis		
ERM 520 Sustainability and Sustainable Development		
GLG 325 Oceanography		
GLG 327 Earth's Critical Zone		
LSC 362 The Human Environment		
LSC 434 Marine Ecology		
MIC 443 The Microbial Universe AND MIC 444 The Microbial Universe Laboratory		
SOS 110 Building a Sustainable World (SUST)		
SOS 111 Sustainable Cities (SUST)		
OR Organismal/Conservation Biology Focus Area		

Requirement	Minimum Grade	Credit Hours
BIO 345 Evolution		
BIO 360 Animal Physiology		
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 410 Techniques in Conservation Biology and Ecology		
BIO 431 Genes, Development, and Evolution		
BIO 474 Herpetology		
ENV 300 / PLB 300 Plant Diversity and Evolution		
ENV 302 / PLB 302 Plants and Civilization		
ENV 394 / LSC 394 Topic: Animal Behavior in a Changing Environment		
ENV 394 Special Topics		
PLB 394 Special Topics		
ENV 494 Special Topics		
PLB 494 Special Topics		
ENV 415 Field Techniques in Natural Resource Management		
PLB 308 Plant Physiology		
PLB 310 The Flora of Arizona		
FOR 375 / PLB 375 Forensic Botany		

Requirement	Minimum Grade	Credit Hours
OR Data/Modeling Focus Area		
MAT 271 Calculus with Analytic Geometry II (MATH)		
MAT 275 Modern Differential Equations (MATH)		
MAT 343 Applied Linear Algebra		
MAT 450 Mathematical Models in Biology or MAT 451 Mathematical Modeling		
STP 281 Statistical Analysis for Researchers		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
STP 315 Statistical Computing		
STP 450 Nonparametric Statistics		
STP 460 Categorical Data Analysis		
STP 499 Individualized Instruction		
OR Business/Leadership Focus Area		
COM 328 Communicating Science		
COM 415 Risk Communication (SOBE)		
COM 430 Leadership in Group Communication		
ERM 502 Regulatory Framework for Toxic and Hazardous Substances		

Requirement	Minimum Grade	Credit Hours
ERM 527 Environmental/Resources Regulations Concepts		
ERM 535 Water Law and Policy		
OGL 200 Introduction to Organizational Leadership (CIVI)		
OGL 300 Theory and Practice of Leadership		
OGL 355 Leading Organizational Innovation and Change		
PMG 240 Introduction to Project Management		
SOS 230 Professional Skills in Sustainability		
SOS 311 Future Thinking and Strategies		
SOS 385 Business and Sustainability I (SUST)		

Elective options are grouped together by thematic tracks. Students may choose electives from multiple tracks.

Environmental Science Capstone

Requirement	Minimum Grade	Credit Hours
Upper Division Environmental Science Capstone		
BIO 495 Undergraduate Research **BIO 499** / **ENV 499** / **LSC 499** / **PLB 499 Individualized Instruction** **ENV 484** / **LSC 484 Internship** **ENV 492** / **LSC 492 Honors Directed Study** **ENV 493** / **LSC 493 Honors Thesis**	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **ENV 103 Introduction to Geology I: Laboratory (SCIT)** **or** **GLG 103 Introduction to Geology I: Laboratory (SCIT)** OR **GLG 108 Water Planet (SCIT)**	C	4
MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)** OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
PHY 101 Introduction to Physics (SCIT) OR **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS) OR **STP 280 Probability and Statistics for Researchers (QTRS)**	C	3
IAS 407 Environmental Philosophy and Policy (SUST) **or** **PHI 407 Environmental Philosophy and Policy (SUST)** OR **IAS 409 Eco-Community Ethics** **or** **PHI 409 Eco-Community Ethics**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Environmental Science (Environmental Justice), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASENVEJBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology **AND** **LSC 322 Fundamentals of Ecology Laboratory**	C	4
BIO 353 Cell Biology OR **LSC 347 Fundamentals of Genetics** OR **BIO 370 Vertebrate Zoology** OR **BIO 385 Comparative Invertebrate Zoology**	C	3 - 4

Requirement	Minimum Grade	Credit Hours
Chemistry Core		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT) OR CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 302 Environmental Chemistry	C	3
Environmental Science Core		
ENV 201 Fundamentals of Environmental Science (SUST)	C	3
ENV 345 Spatial Analysis in the Environmental Sciences	C	3
ENV 485 Environmental Impact Assessment (CIVI)	C	3
Environmental Justice Concentration		
ENV 200 Introduction to Justice in the Environment or IAS 200 Introduction to Justice in the Environment or JHR 200 Introduction to Justice in the Environment	C	3
ENV 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications	C	3
IAS 407 Environmental Philosophy and Policy (SUST) or	C	3

Requirement	Minimum Grade	Credit Hours
PHI 407 Environmental Philosophy and Policy (SUST)		
SOC 331 Environmental Sociology (SUST)	C	3
Environmental Justice Electives	C	9
ABS 302 Ethical and Policy Issues in Biology		
ABS 394 Topic: Human Rights and Environmental Management		
ABS 479 Ecosystem Management and Planning		
ASB 463 / SOS 463 / TCL 443 Political Ecology of the Border		
ASB 343 / PUP 343 / SOS 343 / TCL 343 Latinas/os and the Environment		
COM 328 Communicating Science		
COM 415 Risk Communication (SOBE)		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
FIS 444 / JUS 444 Environment and Justice		
GCU 171 / SOS 171 The Thread of Energy (SUST)		
GPH 210 / SOS 210 Society and Environment		
HCR 336 Environmental Community Health		
HEP 394 Topic: Health and Climate Change		
BIO 312 / IAS 340 / PHI 320 Bioethics (HUAD)		

Requirement	Minimum Grade	Credit Hours
IAS 409 / PHI 409 Eco-Community Ethics		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JUS 332 Politics of Energy Policy and Justice		
NTR 353 The Western Diet		
PAX 230 Introduction to Peace Studies (GCSI)		
PSY 306 Environmental Psychology		
PUP 411 Environment, Justice and Cities (CIVI)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 444 Climate Change, Society and Sustainability		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ECN 212 Microeconomic Principles (SOBE)	C	3
GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **ENV 103 Introduction to Geology I: Laboratory (SCIT)** **or** **GLG 103 Introduction to Geology I: Laboratory (SCIT)** OR **GLG 108 Water Planet (SCIT)**	C	4
MAT 170 Precalculus (MATH)	C	3
PHY 101 Introduction to Physics (SCIT) OR **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS) OR **STP 280 Probability and Statistics for Researchers (QTRS)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	C	1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Environmental Science (Environmental Justice), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASENVEJBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 320 Fundamentals of Ecology **AND** **LSC 322 Fundamentals of Ecology Laboratory**	C	4
BIO 353 Cell Biology OR **LSC 347 Fundamentals of Genetics** OR **BIO 370 Vertebrate Zoology** OR **BIO 385 Comparative Invertebrate Zoology**	C	3 - 4

Requirement	Minimum Grade	Credit Hours
BIO 422 Ecosystem Ecology	C	3
Chemistry Core		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT) OR CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 302 Environmental Chemistry	C	3
Environmental Science Core		
ENV 201 Fundamentals of Environmental Science (SUST)	C	3
ENV 345 Spatial Analysis in the Environmental Sciences	C	3
ENV 410 Soil Science	C	4
ENV 485 Environmental Impact Assessment (CIVI)	C	3
PLB 300 Plant Diversity and Evolution OR PLB 302 Plants and Civilization OR PLB 388 STEM Research Fundamentals OR ENV 412 Carbon, Climate and Photosynthesis or PLB 412 Carbon, Climate and Photosynthesis OR Upper Division PLB Elective	C	3 - 4

Requirement	Minimum Grade	Credit Hours
Environmental Justice Concentration		
ENV 200 Introduction to Justice in the Environment or IAS 200 Introduction to Justice in the Environment or JHR 200 Introduction to Justice in the Environment	C	3
ENV 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications	C	3
IAS 407 Environmental Philosophy and Policy (SUST) or PHI 407 Environmental Philosophy and Policy (SUST)	C	3
SOC 331 Environmental Sociology (SUST)	C	3
Environmental Justice Electives	C	6
ABS 302 Ethical and Policy Issues in Biology		
ABS 394 Topic: Human Rights and Environmental Management		
ABS 479 Ecosystem Management and Planning		
ASB 463 / SOS 463 / TCL 443 Political Ecology of the Border		
ASB 343 / PUP 343 / SOS 343 / TCL 343 Latinas/os and the Environment		
COM 328 Communicating Science		
COM 415 Risk Communication (SOBE)		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		

Requirement	Minimum Grade	Credit Hours
FIS 444 / JUS 444 Environment and Justice		
GCU 171 / SOS 171 The Thread of Energy (SUST)		
GPH 210 / SOS 210 Society and Environment		
HCR 336 Environmental Community Health		
HEP 394 Topic: Health and Climate Change		
BIO 312 / IAS 340 / PHI 320 Bioethics (HUAD)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
JUS 332 Politics of Energy Policy and Justice		
NTR 353 The Western Diet		
PAX 230 Introduction to Peace Studies (GCSI)		
PSY 306 Environmental Psychology		
PUP 411 Environment, Justice and Cities (CIVI)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 444 Climate Change, Society and Sustainability		

Environmental Science Capstone

Requirement	Minimum Grade	Credit Hours
Upper Division Environmental Science Capstone		
BIO 495 Undergraduate Research **BIO 499 Individualized Instruction** **ENV 484 Internship** **ENV 492 Honors Directed Study** **ENV 493 Honors Thesis** **ENV 499 Individualized Instruction** **LSC 484 Internship** **LSC 492 Honors Directed Study** **LSC 493 Honors Thesis** **LSC 499 Individualized Instruction** **PLB 499 Individualized Instruction**	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ECN 212 Microeconomic Principles (SOBE)	C	3
GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **ENV 103 Introduction to Geology I: Laboratory (SCIT)** **or** **GLG 103 Introduction to Geology I: Laboratory (SCIT)** OR **GLG 108 Water Planet (SCIT)**	C	4
MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)** OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
PHY 101 Introduction to Physics (SCIT) OR **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS) OR **STP 280 Probability and Statistics for Researchers (QTRS)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience**	1 - 3

NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/

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Curriculum - Exploratory Applied Computing, Mathematics and Technology

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASACMTEXPL
Minimum credit hours: 47
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
NEW 101 The ASU New College Experience		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition** **OR ENG 105 Advanced First-Year Composition**	C	6
Exploratory Applied Computing, Mathematics and Technology Courses		
ACO 101 Introduction to Computer Science (QTRS) **OR CSE 110 Principles of Programming (QTRS)**	C	3
ACO 102 Object-Oriented Programming (QTRS) **OR CSE 205 Object-Oriented Programming and Data**	C	3

Structures (QTRS)		
ACO 201 Data Structures and Algorithms (QTRS) **OR ACO 240 Introduction to Programming Languages** **OR CSE 240 Introduction to Programming Languages** **OR STP 280 Probability and Statistics for Researchers (QTRS)**	C	3
MAT 117 College Algebra (MATH) **OR MAT 170 Precalculus (MATH)** **OR MAT 210 Brief Calculus (MATH)** **OR MAT 251 Calculus for Life Sciences (MATH)** **OR MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
MAT 210 Brief Calculus (MATH) **OR MAT 251 Calculus for Life Sciences (MATH)** **OR MAT 270 Calculus with Analytic Geometry I (MATH)** **OR MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3 - 4
NEW 210 From Passion to Practice: Charting Your Path		3
NEW 225 Building a Better You		3

General Studies Courses

Global Communities, Societies, and Individuals (GCSI)	3
Governance and Civic Engagement (CIVI)	3
Humanities, Arts and Design (HUAD)	6
Scientific Thinking in Natural Sciences (SCIT)	4
Social and Behavioral Sciences (SOBE)	3

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Exploratory Health and Life Sciences

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASHSCIEXPL
Minimum credit hours: 46
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
NEW 101 The ASU New College Experience		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
Exploratory Health and Life Sciences Courses		
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4

MAT 117 College Algebra (MATH) OR **MAT 170 Precalculus (MATH)** OR **MAT 210 Brief Calculus (MATH)** OR **MAT 251 Calculus for Life Sciences (MATH)** OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
NEW 210 From Passion to Practice: Charting Your Path		3
NEW 225 Building a Better You		3
STP 226 Elements of Statistics (QTRS) OR **STP 280 Probability and Statistics for Researchers (QTRS)**	C	3

General Studies Courses

Global Communities, Societies, and Individuals (GCSI)	3
Governance and Civic Engagement (CIVI)	3
Humanities, Arts and Design (HUAD)	6
Social and Behavioral Sciences (SOBE)	3

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines

placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Exploratory Humanities, Fine Arts and Design

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASHUFAEXPL
Minimum credit hours: 45
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
NEW 101 The ASU New College Experience		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition** **OR ENG 105 Advanced First-Year Composition**	C	6
Exploratory Humanities, Fine Arts and Design Courses		
ENG 200 Critical Reading and Writing About Literature (HUAD)	C	3
IAP 201 Introduction to Interdisciplinary Arts (HUAD) **OR IAP 202 Perspectives on Interdisciplinary Arts and**	C	3

Performance (HUAD)		
NEW 210 From Passion to Practice: Charting Your Path		3
NEW 225 Building a Better You		3
PHI 101 Introduction to Philosophy (HUAD)	C	3

General Studies Courses

Global Communities, Societies, and Individuals (GCSI)	3
Governance and Civic Engagement (CIVI)	3
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	3
Quantitative Reasoning (QTRS)	3
Scientific Thinking in Natural Sciences (SCIT)	8
Social and Behavioral Sciences (SOBE)	3

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Exploratory Social and Behavioral Sciences

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSBSEXPL
Minimum credit hours: 45
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
NEW 101 The ASU New College Experience		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition** **OR ENG 105 Advanced First-Year Composition**	C	6
Exploratory Social and Behavioral Sciences Courses		
ACO 100 All About Data: Design, Query, and Visualization (QTRS) **OR CIS 105 Computer Applications and Information Technology (QTRS)**	C	3

COM 100 Introduction to Human Communication (SOBE)	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
NEW 210 From Passion to Practice: Charting Your Path		3
NEW 225 Building a Better You		3
PSY 101 Introduction to Psychology (SOBE) OR **SOC 101 Introductory Sociology (SOBE)**	C	3

General Studies Courses

Global Communities, Societies, and Individuals (GCSI)	3
Humanities, Arts and Design (HUAD)	6
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	3
Scientific Thinking in Natural Sciences (SCIT)	8

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Forensic Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASFOREBS
Minimum credit hours: 120
Upper division minimum credit hours: 52

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
LSC 347 Fundamentals of Genetics **AND** **LSC 348 Fundamentals of Genetics Laboratory**	C	4

Chemistry Core

BCH 371 Modern Concepts in Biochemistry	C	3
BCH 372 Modern Concepts in Biochemistry Laboratory OR **PTX 372 Modern Biochemical Methods**	C	1

Requirement	Minimum Grade	Credit Hours
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I	C	3
CHM 237 General Organic Chemistry Laboratory I	C	1
CHM 234 General Organic Chemistry II	C	3
CHM 238 General Organic Chemistry Laboratory II	C	1

Forensic Science Core

CRJ 100 Introduction to Criminal Justice (SOBE)	C	3
FOR 200 Forensic Science Seminar	Y	1
FOR 286 Principles of Forensic Science	C	4
FOR 360 Statistical Applications in Forensic Science (QTRS)	C	3
FOR 370 Fundamentals of Forensic Analysis	C	4
FOR 410 Testimony and Ethics in the Forensic Sciences	C	3
FOR 425 Analytical Chemistry for Life Sciences **AND** FOR 426 Analytical Chemistry for Life Sciences Lab	C	5

Forensic Science Electives

Students interested in careers in forensic biology or chemistry/toxicology should prioritize their forensic science electives in these respective categories. Some careers in these

Requirement	Minimum Grade	Credit Hours
fields require applicants to have earned a minimum number of credits in the subject; connect directly with your program director or recent job advertisements.		
Upper Division Forensic Science Electives	C	17
Forensic Biology:		
FOR 375 Forensic Botany		
FOR 380 Analysis of Nonhuman Forensic DNA Evidence		
FOR 395 Forensic Anthropology: History and Modern Practice		
FOR 394 Topic: Wildlife Forensics		
FOR 494 Topic: Molecular Biology		
FOR 402 Forensic Biology		
FOR 405 Techniques in Forensic Biology Laboratory		
FOR 414 Fundamentals of Forensic Entomology		
FOR 447 Molecular Genetics Laboratory		
FOR 480 Advanced Topics in Human Forensic DNA Typing		
FOR 494 Topic: Human Osteology and Forensic Techniques		
Forensic Chemistry Electives:		
FOR 401 Forensic Toxicology		
FOR 404 Forensic Toxicology Laboratory		

Requirement	Minimum Grade	Credit Hours
FOR 423 Forensic Chemistry		
FOR 494 Topic: Forensic Chemistry Lab		
LSC 475 / **PTX 475 Principles of Toxicology**		
Criminalistics Electives:		
FOR 400 Comparative Forensics		
FOR 403 Comparative Forensics Laboratory		
FOR 494 Topic: Advanced Scene Mapping		
FOR 494 Topic: Advanced Scene Mapping Lab		
FOR 350 Digital Forensics		
FOR 455 Forensic Photography		
CRJ 433 Death Investigations: Principles of Forensic Medicine		
Experiential Electives:		
FOR 484 Internship		
FOR 486 Peer Mentoring in the Forensic Sciences		
FOR 499 Individualized Instruction		

Two courses with a lab or lab component must be completed to fulfill this requirement. See academic advisor for questions. A maximum of three credit hours from the experiential category can be applied to this requirement.

Forensic Science Capstone

Requirement	Minimum Grade	Credit Hours
Upper Division Forensic Science Capstone		
FOR 388 STEM Research Fundamentals **FOR 484 Internship** **FOR 492 Honors Directed Study** **FOR 494 Topic: Fundamental Skills in Forensic Science** **FOR 496 Forensic Science Service Learning** **FOR 499 Individualized Instruction**	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

Upper Division Interdisciplinary Forensics Electives

FOR 413 / REL 413 Sacred Crimes: Religion and Violence (HUAD)		
FOR 449 / LAS 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
FOR 454 / HST 454 History of Genocide (GCSI)	C	3
ENG 394 Topic: Fiction and Forensics		
IAS 394 / PHI 394 Topic: Philosophy of Forensic Science		
ENG 456 / FOR 456 / PAX 456 / SBS 456 Studies in Forensic Linguistics		

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Online students in this degree program will complete experiments for the Organic Chemistry labs (CHM 237 and CHM 238) and Biochemistry lab (BCH 372) during a 2-week, immersive, in-person experience on ASU's campuses in Arizona. Please email NCsummerlabs@asu.edu with any questions.

Online students in this degree program will complete FOR 494 Fundamental Skills in Forensic Science which requires an immersive residency in the crime scene lab and other labs at ASU's West Valley campus in Glendale, AZ. Please email

NCsummerlabs@asu.edu with any questions. Alternatively, students may seek a local internship (FOR 484). Forensic Science internships are not guaranteed. Forensic science internships are competitive and the application process takes time. All internships require prior faculty approval. For more information, visit: https://newcollege.asu.edu/internship-programs

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For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement and research opportunities, and more, visit: https://newcollege.asu.edu/

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Forensic Science (Death Investigations), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASFOREDIBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
LSC 347 Fundamentals of Genetics **AND** **LSC 348 Fundamentals of Genetics Laboratory**	C	4

Chemistry Core

Requirement	Minimum Grade	Credit Hours
BCH 371 Modern Concepts in Biochemistry	C	3
BCH 372 Modern Concepts in Biochemistry Laboratory OR PTX 372 Modern Biochemical Methods	C	1
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I	C	3
CHM 237 General Organic Chemistry Laboratory I	C	1
CHM 234 General Organic Chemistry II	C	3
CHM 238 General Organic Chemistry Laboratory II	C	1

Forensic Science Core

FOR 200 Forensic Science Seminar	Y	1
FOR 286 Principles of Forensic Science	C	4
FOR 360 Statistical Applications in Forensic Science (QTRS)	C	3
FOR 370 Fundamentals of Forensic Analysis	C	4
FOR 410 Testimony and Ethics in the Forensic Sciences	C	3

Death Investigations Concentration

FOR 295 Investigating Death	C	3

Requirement	Minimum Grade	Credit Hours
FOR 395 Forensic Anthropology: History and Modern Practice	C	3
FOR 455 Forensic Photography	C	3

Death Investigations Electives

Upper Division Death Investigations Electives	C	9

- BIO 353 Cell Biology
- CRJ 433 Death Investigations: Principles of Forensic Medicine
- GIS 494 Topic: GIS Methods for Non-Majors
- FOR 375 Forensic Botany
- FOR 380 Analysis of Nonhuman Forensic DNA Evidence
- FOR 394 Topic: Wildlife Forensics
- FOR 401 Forensic Toxicology
- FOR 402 Forensic Biology
- FOR 404 Forensic Toxicology Laboratory
- FOR 405 Techniques in Forensic Biology Laboratory
- FOR 414 Fundamentals of Forensic Entomology
- FOR 447 Molecular Genetics Laboratory
- FOR 480 Advanced Topics in Human Forensic DNA Typing

Requirement	Minimum Grade	Credit Hours
FOR 494 Topic: Advanced Scene Mapping AND FOR 494 Topic: Advanced Scene Mapping Lab		
FOR 494 Topic: Human Osteology and Forensic Techniques		
FOR 494 Topic: Molecular Biology		
IAS 450 / PHI 450 / REL 450 Philosophical and Spiritual Issues in Death and Dying (HUAD)		
SWU 420 Domestic Violence Fatality Review		
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		

Forensic Science Capstone

Upper Division Death Investigations Capstone

FOR 388 STEM Research Fundamentals		
FOR 484 Internship		
FOR 492 Honors Directed Study		
FOR 494 Topic: Fundamental Skills in Death Investigations	C	3
FOR 496 Forensic Science Service Learning		
FOR 499 Individualized Instruction		

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) **OR** **MAT 251 Calculus for Life Sciences (MATH)**	C	3
PHY 101 Introduction to Physics (SCIT) **OR** **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience**	
NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Online students in this degree program will complete FOR 494 Fundamental Skills in Death Investigations which requires an immersive residency in the crime scene lab and other labs at ASU's West Valley campus in Glendale, AZ. Please email

NCsummerlabs@asu.edu with any questions. Alternatively, students may seek a local internship (FOR 484). Forensic Science internships are not guaranteed. Forensic science internships are competitive and the application process takes time. All internships require prior faculty approval. For more information, visit: https://newcollege.asu.edu/internship-programs

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Gender, Women and Sexuality Studies, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASWSTBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Gender, Women and Sexuality Studies Core

WST 100 Women, Gender, and Society (SOBE) or WST 300 Women and Gender in Contemporary Society (SOBE)	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3
Statistics/Quantitative Methods	C	6
PSY 230 Introduction to Statistics (QTRS)		
PSY 290 Research Methods (SCIT)		
SBS 303 Quantitative Methods (QTRS)		

Requirement	Minimum Grade	Credit Hours
SBS 304 Social Statistics I (QTRS)		
STP 226 Elements of Statistics (QTRS)		
STP 420 Introductory Applied Statistics (QTRS)		

Gender, Women and Sexuality Studies Electives

Gender, Women and Sexuality Studies Electives	C	6
AMS 332 Studies in Race and Ethnicity		
AMS 334 / ETH 333 / WST 334 Class in America		
AMS 428 Peoples and Cultures of the American West, to 1848		
COM 316 Gender and Communication (SOBE)		
COM 416 Gender and Race in the Media		
ENG 336 / WST 330 Women, Film and Culture		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 364 Women and Literature (HUAD)		
ENG 443 / WST 415 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature		
ENG 455 Contemporary Women Writers		
ENG 461 Studies in Women and Literature		

Requirement	Minimum Grade	Credit Hours
ENG 462 Africana Literature		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 419 20th Century Chicano/a History		
SBS 301 Cultural Diversity (SOBE)		
SOC 426 Social Inequalities (CIVI)		
WST 220 Gender, Media and Culture (HUAD)		
WST 276 U.S. Women's Movements (CIVI)		
WST 333 Critical Perspectives on Sexuality (SOBE)		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		
WST 370 Chronicling Women's Lives		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
WST 428 Gender, Madness and Justice (SOBE)		
WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		

Requirement	Minimum Grade	Credit Hours
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		
WST 473 Indigenous and Latina/Chicana Representation		
Upper Division Gender, Women and Sexuality Studies Electives	C	27
AMS 332 Studies in Race and Ethnicity		
AMS 334 / ETH 333 / WST 334 Class in America		
AMS 428 Peoples and Cultures of the American West, to 1848		
COM 316 Gender and Communication (SOBE)		
COM 416 Gender and Race in the Media		
ENG 336 / WST 330 Women, Film and Culture		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 364 Women and Literature (HUAD)		
ENG 443 / WST 415 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature		
ENG 455 Contemporary Women Writers		
ENG 461 Studies in Women and Literature		
ENG 462 Africana Literature		

Requirement	Minimum Grade	Credit Hours
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 419 20th Century Chicano/a History		
SBS 301 Cultural Diversity (SOBE)		
SOC 426 Social Inequalities (CIVI)		
WST 333 Critical Perspectives on Sexuality (SOBE)		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		
WST 370 Chronicling Women's Lives		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
WST 428 Gender, Madness and Justice (SOBE)		
WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		
WST 473 Indigenous and Latina/Chicana Representation		

Requirement	Minimum Grade	Credit Hours
Gender, Women and Sexuality Studies Capstone		
HRC 480 Capstone: Practices and Approaches	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience**		1 - 3

NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - History, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASHISBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

History Core

Global History Survey		C	6
HST 100 Global History to 1500 (HUAD)			
HST 101 Global History Since 1500 (HUAD)			
OR	**European History/Western Civilization Survey**		
HST 102 Europe and the Mediterranean: Ancient and Medieval (HUAD)			
HST 103 Early Modern Europe: Renaissance to Enlightenment (GCSI)			

Requirement	Minimum Grade	Credit Hours
HST 104 Modern Europe: French Revolution to European Union (GCSI)		
OR U.S. History Survey		
HST 109 United States to 1865 (AMIT)		
HST 110 United States Since 1865 (HUAD)		
Upper Division Non-U.S./Non-European History Electives		
HST 302 Topic: Ancient Persia		
HST 324 / LAS 324 Food in Latin America (GCSI)		
HST 375 Colonial Latin America		
HST 376 Modern Latin America		
HST 378 / JHR 378 / JUS 378 / LAS 378 Inequality and Living Wages in Latin America (CIVI)	C	6
HST 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 430 The Ottoman Empire in the Classical Period		
HST 441 Latin America and the World Economy		
HST 454 History of Genocide (GCSI)		

History Electives

Requirement	Minimum Grade	Credit Hours
Upper Division **HST Elective**	C	12
HST Elective	C	3

History Capstone

HST 495 Methods of Historical Inquiry Students must satisfactorily complete a minimum of six credit hours of upper division History coursework prior to enrolling in HST 495.	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

Interdisciplinary Requirements

History Related Area Electives

AMS Elective		
ENG Elective		
ETH Elective		
HRC Elective		
HST Elective		
JHR Elective	C	9
LAS Elective		
PAX Elective		
PHI Elective		
REL Elective		
SPA Elective		

Upper Division History Related Area Electives

C 6

AMS Elective		
ENG Elective		
ETH Elective		
HRC Elective		
HST Elective		
JHR Elective		

LAS Elective

PAX Elective

PHI Elective

REL Elective

SPA Elective

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ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - History (Secondary Education), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASHISSEBA
Minimum credit hours: 120
Upper division minimum credit hours: 50

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

History Core

Non-U.S./Non-European History Electives	C	6
HST 302 Topic: Ancient Persia		
HST 324 / **LAS 324 Food in Latin America (GCSI)**		
HST 375 Colonial Latin America		
HST 376 Modern Latin America		
HST 378 / **JHR 378** / **JUS 378** / **LAS 378 Inequality and Living Wages in Latin America (CIVI)**		
HST 404 Conquest and Encounters in Colonial Latin America (GCSI)		

Requirement	Minimum Grade	Credit Hours
HST 430 The Ottoman Empire in the Classical Period		
HST 441 Latin America and the World Economy		
HST 454 History of Genocide (GCSI)		

Global History Survey

HST 100 Global History to 1500 (HUAD)		
HST 101 Global History Since 1500 (HUAD)		

OR **European History/Western Civilization Survey**

HST 102 Europe and the Mediterranean: Ancient and Medieval (HUAD)		
HST 103 Early Modern Europe: Renaissance to Enlightenment (GCSI)	C	6
HST 104 Modern Europe: French Revolution to European Union (GCSI)		

OR **U.S. History Survey**

HST 109 United States to 1865 (AMIT)		
HST 110 United States Since 1865 (HUAD)		

Requirement	Minimum Grade	Credit Hours
History Electives		
Upper Division **HST Elective**	C	12
HST Elective	C	3
History Capstone		
HST 495 Methods of Historical Inquiry Students must satisfactorily complete a minimum of six credit hours of upper division History coursework prior to enrolling in HST 495.	C	3
Secondary Education Requirements		
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
SED 485 Special Methods of Teaching Social Studies: Community Resources	C	3
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 488 Student Teaching	C	12

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

Interdisciplinary Requirements

History Related Area Electives	C	6
AMS Elective		
ENG Elective		
ETH Elective		
HRC Elective		
HST Elective		
JHR Elective		
LAS Elective		

PAX Elective

PHI Elective

REL Elective

SPA Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Interdisciplinary Arts and Performance, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASIAPBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Interdisciplinary Arts and Performance Core

IAP 110 Foundations of Visual Art, Performance and Interdisciplinarity (HUAD)	C	3
IAP 111 Foundations of Sound, Digital Arts, and Games (HUAD)	C	3
IAP 201 Introduction to Interdisciplinary Arts (HUAD) OR **IAP 202 Perspectives on Interdisciplinary Arts and Performance (HUAD)**	C	3
IAP 304 Traditions of the Avant-Garde and Experimental Art (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
OR **IAP 305 20th and 21st Century Art, Performance, and Media (HUAD)**		
IAP 325 Sound Performance: Exploring Alternative Performance Groups	C	3
IAP 354 Visual Representation	C	3
IAP 361 Digital Editing and Media Literacy	C	3
IAP 375 Contemporary Performance: Theories and Practice	C	3
Interdisciplinary Arts and Performance Electives		
400-Level **IAP Elective**	C	6
Upper Division **IAP Elective**	C	15
Interdisciplinary Arts and Performance Capstone		
IAP 480 Art as Praxis: From Conceptualization to Production	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-	C	6

division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Interdisciplinary Arts and Sciences, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASIASBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Interdisciplinary Arts and Sciences Core

IAS 300 Career Strategies and Personal Resilience	C	3
Upper Division Interdisciplinary Arts and Sciences Tracks Students must complete one course from three out of the four interdisciplinary tracks below. Diverse Perspectives Track: **AMS 380** / **ETH 380** / **WST 380 Race, Gender, and Class (SOBE)** **ENG 353** / **ETH 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)**	C	9

Requirement	Minimum Grade	Credit Hours
ENG 354 / ETH 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 364 Women and Literature (HUAD)		
ENG 461 Studies in Women and Literature		
ENG 462 Africana Literature		
ENG 473 Critical Approaches to Children's Literature **or** LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
HST 375 / LAS 375 Colonial Latin America		
HST 376 / LAS 376 Modern Latin America		
IAP 462 Games and Play (SOBE)		
LAS 351 Cityscapes: Urban Mexican Literature and Culture		
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		
REL 310 Western Religious Traditions		
REL 321 Religion in America (HUAD)		
REL 345 Asian Religious Traditions		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
WST 444 Gender, Health, and Bodies (SOBE)		

Requirement	Minimum Grade	Credit Hours
Critical Inquiry Track:		
AMS 330 American Lives (HUAD)		
AMS 428 / **ETH 428** / **LAS 428 Peoples and Cultures of the American West, to 1848**		
ENG 401 Topics in Critical Theory		
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 419 / **LAS 419 20th Century Chicano/a History (HUAD)**		
IAS 340 / **PHI 320 Bioethics (HUAD)**		
IAS 410 Evolution of Ideas		
IAS 430 Science and Religion (HUAD)		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 406 Moral Dilemmas		
PHI 411 Continental Philosophy		
WST 333 Critical Perspectives on Sexuality (SOBE)		
WST 376 Feminist Theory (HUAD)		
Experimentation and the Creative Process Track:		

Requirement	Minimum Grade	Credit Hours
AMS 420 / IAP 420 / THE 420 Theatre in America (HUAD)		
COM 335 / IAP 335 Acting for the Camera		
COM 339 / ENG 339 / IAP 339 Creating Dramatic Works: Page to Stage to Screen		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 394 Topic: Oral History & Storytelling in Humanities & Arts		
ENG 410 Writing for Publication		
ENG 457 Studies in American Poetry (HUAD)		
ENG 476 Studies in Folklore		
ENG 433 Literary Magazine Publishing: Canyon Voices (HUAD)		
IAP 304 Traditions of the Avant-Garde and Experimental Art (HUAD)		
IAP 362 Games and Narratology		
IAP 366 3D Modeling and Media Literacy (HUAD)		
IAS 409 / PHI 409 Eco-Community Ethics		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		
PHI 339 Philosophy of Art		
Culture, Society, and Power Track:		

Requirement	Minimum Grade	Credit Hours
AMS 449 / ETH 449 / WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 450 / ETH 450 / LAS 450 Latina/os, Schooling and Social Inequality (CIVI)		
AMS 469 / ETH 469 / WST 469 Trash Talk		
ENG 472 Rhetorical Studies		
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
HST 350 Later Middle Ages (GCSI)		
HST 360 Crusades and Holy Wars (HUAD)		
HST 439 Athenian Democracy (CIVI)		
HST 454 History of Genocide (GCSI)		
HST 441 / LAS 441 Latin America and the World Economy		
IAP 394 Topic: Print and the Protest		
IAP 464 Media and Diversity (HUAD)		
IAS 406 / PHI 406 Moral Dilemmas		
IAS 417 / PHI 417 Philosophy of Censorship (HUAD)		
LAS 350 The Construction of a Nation: Chile in the 20th/21st Century		

Requirement	Minimum Grade	Credit Hours
LAS 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
LAS 471 Treaties and Cultural Production in Spain and the Americas		
LAS 481 / **SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation**		
PHI 306 Applied Ethics (CIVI)		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 439 Philosophy of Love and Sex		
REL 321 Religion in America (HUAD)		
WST 457 Women, Cultures, and Societies		

Focus Area

Students consult their advisor to select a minor to pursue for their focus area, or to construct an individualized focus area with a coherent theme or purpose. Courses used to fulfill major requirements cannot also be used for minor requirements. A minimum of 12 credit hours upper division is required.

Upper Division Focus Area	C	12
Focus Area	C	12

Capstone

Requirement	Minimum Grade	Credit Hours
Upper Division Capstone		
IAS 480 Capstone: Practices and Approaches **IAS 484 Internship** **IAS 493** / **HON 493 Honors Thesis**	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Latin American Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASLASBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Latin American Studies Core

LAS 205 Introduction to Latin America (GCSI)	C	3
LAS 206 Approaches to Latin America	C	3
Upper Division Social and Cultural Representation	C	3

- **FOR 449** / **LAS 449** / **SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)**
- **JUS 475** / **SPA 470 Law, Societies and Justice in Latino-America**
- **LAS 480 Current Trends in Theatre and New Media in Latin America and Spain**

Requirement	Minimum Grade	Credit Hours
LAS 481 / SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		

Latin American Studies Electives

Upper Division Latin American Studies Electives	C	21
AMS 428 / ETH 428 / LAS 428 Peoples and Cultures of the American West, to 1848		
AMS 450 / ETH 450 / LAS 450 Latina/os, Schooling and Social Inequality		
ASB 342 / SBS 342 / SOC 342 Mexico-U.S. Borderlands		
ENG 363 / TCL 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 473 / LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
FMS 475 Latin American Film		
FOR 449 / LAS 449 / SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
GCU 323 Geography of Latin America (GCSI)		
HST 305 Studies in Latin American History		
HST 324 / LAS 324 Food in Latin America (GCSI)		
HST 375 / LAS 375 Colonial Latin America		

Requirement	Minimum Grade	Credit Hours
HST 376 / LAS 376 Modern Latin America		
HST 378 / LAS 378 / JHR 378 Inequality and Living Wages in Latin America (CIVI)		
HST 404 / LAS 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 419 / LAS 419 20th Century Chicano/a History		
HST 441 / LAS 441 Latin America and the World Economy		
HST 444 Latin American Independence		
HST 447 Modern Mexico		
JHR 394 Topic: Human Rights in the Global South		
JHR 494 Topic: Political Representation in Latin America		
JUS 475 / SPA 470 Law, Societies and Justice in Latino-America		
LAS 330 From the Inside: The Latin American Journey		
LAS 340 / WST 341 Latin American Women Writers (HUAD)		
LAS 350 The Construction of a Nation: Chile in the 20th/21st Century		
LAS 351 Cityscapes: Urban Mexican Literature and Culture		
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		

Requirement	Minimum Grade	Credit Hours
LAS 394 Special Topics		
POR 394 Special Topics		
SLC 394 Special Topics		
SPA 394 Special Topics		
LAS 471 Treaties and Cultural Production in Spain and the Americas		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		
LAS 481 / SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
LAS 494 Special Topics		
POR 494 Special Topics		
SLC 494 Special Topics		
SPA 494 Special Topics		
NEW 300 International Cities		
POS 453 Latin America		
POS 454 Mexico		
POS 456 Latin American Cities		
POR 460 Brazilian Society Through Music (HUAD)		
SPA 325 Introduction to Hispanic Literature (HUAD)		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		

Requirement	Minimum Grade	Credit Hours
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 456 20th-Century Spanish American Fiction		
SPA 459 Latin American Jewish Culture		
SPA 472 Latin American Society: Five Case Studies		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
LAS 394 Topic: Latin America and the Global South		

Latin American Studies Capstone

LAS 484 Internship OR **LAS 485 Latin American Studies Capstone** OR **LAS 493 Honors Thesis** OR **LAS 499 Individualized Instruction**		C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-		C	6

division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

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NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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Curriculum - Pharmacology and Toxicology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPTXBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
BIO 353 Cell Biology **AND** **BIO 354 Cell Biology Laboratory**	C	4
LSC 347 Fundamentals of Genetics **AND** **LSC 348 Fundamentals of Genetics Laboratory**	C	4

Requirement	Minimum Grade	Credit Hours
Chemistry Core		
BCH 371 Modern Concepts in Biochemistry	C	3
BCH 372 Modern Concepts in Biochemistry Laboratory OR PTX 372 Modern Biochemical Methods	C	1
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I	C	3
CHM 237 General Organic Chemistry Laboratory I	C	1
CHM 234 General Organic Chemistry II	C	3
CHM 238 General Organic Chemistry Laboratory II	C	1

Online students in this degree program will complete experiments for the Organic Chemistry labs (CHM 237 and CHM 238) and Biochemistry lab (BCH 372) during a 2-week, immersive, in-person experience on ASU's campuses in Arizona. Please email NCsummerlabs@asu.edu with any questions.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

Requirement	Minimum Grade	Credit Hours
Pharmacology and Toxicology Core		
PTX 301 Basics of Pharmacology and Toxicology	C	3
PTX 432 Fundamentals of Pharmacology	C	3
PTX 450 Pharmacology and Toxicology Laboratory	C	1
PTX 475 Principles of Toxicology	C	3
Pharmacology and Toxicology Electives		
Upper Division Pharmacology and Toxicology Electives	C	7 - 9
BIO 439 Computing for Research		
CHM 302 Environmental Chemistry		
CHM 435 Medicinal Chemistry		
COM 415 Risk Communication (SOBE)		
FOR 401 Forensic Toxicology		
FOR 425 Analytical Chemistry for Life Sciences AND FOR 426 Analytical Chemistry for Life Sciences Lab		
ENV 430 / LSC 430 / PTX 430 Environmental and Human Toxicology		
MIC 443 The Microbial Universe AND MIC 444 The Microbial Universe Laboratory		
PSY 325 / PTX 325 Physiological Psychology		

Requirement	Minimum Grade	Credit Hours
PSY 470 Psychopharmacology		
PTX 388 STEM Research Fundamentals		
PTX 484 Internship or **PTX 493 Honors Thesis**		
PTX 494 Topic: Mechanisms of Pathophysiology and Disease States		
PTX 499 Individualized Instruction		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)**	C	3

PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Pharmacology and Toxicology (Environmental Justice), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPTXEJBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Biology Core Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
BIO 353 Cell Biology **AND** **BIO 354 Cell Biology Laboratory**	C	4
LSC 347 Fundamentals of Genetics **AND** **LSC 348**	C	4

Requirement	Minimum Grade	Credit Hours
Fundamentals of Genetics Laboratory		
Chemistry Core Requirements		
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II	C	4
BCH 371 Modern Concepts in Biochemistry AND BCH 372 Modern Concepts in Biochemistry Laboratory or PTX 372 Modern Biochemical Methods	C	4
Pharmacology and Toxicology Core Requirements		
PTX 301 Basics of Pharmacology and Toxicology	C	3
PTX 432 Fundamentals of Pharmacology	C	3
PTX 450 Pharmacology and Toxicology Laboratory	C	1
PTX 475 Principles of Toxicology	C	3
Enviromental Justice Concentration		
ENV 200 Introduction to Justice in the Environment (CIVI) OR IAS 200 Introduction to Justice in the Environment	C	3

Requirement	Minimum Grade	Credit Hours
(CIVI) OR JHR 200 Introduction to Justice in the Environment (CIVI)		
ENV 201 Fundamentals of Environmental Science (SUST) OR BIO 130 Introduction to Environmental Science (SCIT) OR ENV 130 Introduction to Environmental Science (SCIT)	C	3 - 4
ENV 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications	C	3
IAS 407 Environmental Philosophy and Policy (SUST) OR PHI 407 Environmental Philosophy and Policy (SUST)	C	3
SOC 331 Environmental Sociology (SUST)	C	3

Environmental Justice Elective

Upper Division Environmental Justice Elective	C	3

- CHM 302 Environmental Chemistry
- CHM 435 Medicinal Chemistry
- COM 415 Risk Communication (SOBE)
- EXW 450 Social Drivers of Health (CIVI)
- FOR 401 Forensic Toxicology
- PBH 435 Environmental and Occupational Health
- PSY 470 Psychopharmacology

Requirement	Minimum Grade	Credit Hours
PTX 430 / LSC 430 Environmental and Human Toxicology		
PTX 499 Individualized Instruction		

Interdisciplinary Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)** MAT 210 or higher-level (MATH) course accepted. MAT 251 recommended. Students considering graduate school or research may consider the MAT 270 and MAT 271 calculus sequence as an alternative. This may require more than 120 credit hours to complete the degree.	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
STP 226 Elements of Statistics (QTRS)	C	3

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Global and Civic Engagement Requirement

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement or research opportunities, and more, visit: https://newcollege.asu.edu/

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Philosophy, Religion and Society, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASRELBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Philosophy, Religion and Society Core

PHI 101 Introduction to Philosophy (HUAD)	C	3
PHI 103 Principles of Sound Reasoning (QTRS) OR **PHI 105 Intro to Ethics (HUAD)**	C	3
REL 100 Religions of the World (HUAD)	C	3
PHI 306 Applied Ethics (CIVI) OR **IAS 406 Moral Dilemmas** **or** **PHI 406 Moral Dilemmas**	C	3
PHI 303 The Future of Religions (HUAD) **or** **REL 300 The Future of Religions (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
OR **PHI 318 Philosophy of Religion (HUAD)**		

Courses used to fulfill a core requirement cannot also be used to fulfill an elective requirement.

Philosophy, Religion and Society Electives

Requirement	Minimum Grade	Credit Hours
Upper Division Applied Ethics Track		
IAS 340 / PHI 320 Bioethics (HUAD)		
IAS 406 / PHI 406 Moral Dilemmas		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		
IAS 450 / PHI 450 / REL 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)	C	6
PHI 324 Existential Ethics		
PHI 336 Social and Political Philosophy		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 408 Feminist Ethics (HUAD)		
PHI 417 Philosophy of Censorship (HUAD)		
PHI 421 Philosophical Topics		
PHI 439 Philosophy of Love and Sex		
Upper Division World Religions Track	C	6
AIS 320 American Indian Philosophies and World Views (HUAD)		
HST 390 / PHI 390 / REL 314 Jewish Philosophy		

Requirement	Minimum Grade	Credit Hours
IAS 410 Evolution of Ideas		
IAS 430 Science and Religion (HUAD)		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 421 Philosophical Topics		
REL 310 Western Religious Traditions		
REL 321 Religion in America (HUAD)		
REL 345 Asian Religious Traditions		
REL 381 Religion and Moral Issues (HUAD)		
REL 401 Sacred Scriptures and Social Choices (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 391 Historical Perspectives on Philosophy and Religion		
FOR 413 / REL 413 Sacred Crimes: Religion and Violence (HUAD)		
Upper Division Applied Ethics Track	C	9
IAS 340 / PHI 320 Bioethics (HUAD)		
IAS 406 / PHI 406 Moral Dilemmas		
IAS 407 / PHI 407 Environmental Philosophy and Policy (SUST)		
IAS 409 / PHI 409 Eco-Community Ethics		

Requirement	Minimum Grade	Credit Hours
IAS 450 / PHI 450 / REL 450 Philosophical and Spiritual Issues in Death and Dying		
PHI 304 Existentialism (HUAD)		
PHI 306 Applied Ethics (CIVI)		
PHI 324 Existential Ethics		
PHI 336 Social and Political Philosophy		
PHI 360 Business and Professional Ethics (HUAD)		
PHI 408 Feminist Ethics (HUAD)		
PHI 417 Philosophy of Censorship (HUAD)		
PHI 421 Philosophical Topics		
PHI 439 Philosophy of Love and Sex		
OR		
Upper Division World Religions Track		
AIS 320 American Indian Philosophies and World Views (HUAD)		
HST 390 / PHI 390 / REL 314 Jewish Philosophy		
IAS 410 Evolution of Ideas		
IAS 430 Science and Religion (HUAD)		
PHI 303 / REL 300 The Future of Religions (HUAD)		
PHI 318 Philosophy of Religion (HUAD)		
PHI 421 Philosophical Topics		

Requirement	Minimum Grade	Credit Hours
REL 310 Western Religious Traditions		
REL 321 Religion in America (HUAD)		
REL 345 Asian Religious Traditions		
REL 381 Religion and Moral Issues (HUAD)		
REL 401 Sacred Scriptures and Social Choices (HUAD)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
REL 391 Historical Perspectives on Philosophy and Religion		
FOR 413 / REL 413 Sacred Crimes: Religion and Violence (HUAD)		

Philosophy, Religion and Society Capstone

Upper Division Philosophy, Religion and Society Capstone

IAS 480 Capstone: Practices and Approaches		
IAS 484 / PHI 484 / REL 484 Internship	C	3
HON 493 / IAS 493 / PHI 493 / REL 493 Honors Thesis		

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation,	C	6

in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

Interdisciplinary Requirements

Philosophy, Religion and Society Related Area Electives	C	6
AMS Elective		
DST Elective		
ENG Elective		
ETH Elective		
HRC Elective		
HST Elective		
IAP Elective		
IAS Elective		
JHR Elective		
LAS Elective		
PAX Elective		

PHI Elective

REL Elective

SPA Elective

WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/
Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Political Science, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPOLBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Political Science Core

POS 110 American Government and Politics (AMIT) **or** **POS 310 American National Government (AMIT)** OR **POS 150 Comparative Government (GCSI)** **or** **POS 350 Comparative Politics (GCSI)** OR **POS 160 Global Politics (GCSI)** **or** **POS 360 World Politics (GCSI)** OR **POS 210 Political Ideologies (CIVI)**	C	9
SBS 302 Qualitative Methods (SOBE)	C	3
SBS 304 Social Statistics I (QTRS)	C	3

Courses completed for core requirements cannot also be used

Requirement	Minimum Grade	Credit Hours
to fulfill track requirements.		

Political Science Electives

A minimum of six credit hours must be completed from each of the three interdisciplinary tracks for a total of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a minimum of six credit hours must completed from the POS subject code across all tracks. Courses cannot apply toward multiple track requirements.

Social Justice and Inequality Track	C	6
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ETH 380 / WST 380 Race, Gender, and Class (SOBE)		
HST 441 / LAS 441 Latin America and the World Economy		
JHR 100 Introduction to Social Justice and Human Rights (CIVI)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
POS 342 Political Theory		
POS 446 Democracy (CIVI)		
POS 480 / SBS 480 Global Justice (GCSI)		
POS 494 Topic: Everyday Forms of Political Resistance		
SBS 301 Cultural Diversity (SOBE)		

Requirement	Minimum Grade	Credit Hours
SOC 270 Sociology of Race and Ethnicity (CIVI)		
SOC 331 Environmental Sociology (SUST)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
Law, Citizenship, and Borders Track		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT)		
POS 160 Global Politics (GCSI) **or** POS 360 World Politics (GCSI)	C	6
POS 210 Political Ideologies (CIVI)		
POS 361 American Foreign Policy (SOBE)		
POS 446 Democracy (CIVI)		
POS 465 International Organization and Law (GCSI)		
POS 480 / SBS 480 Global Justice (GCSI)		
Identity and Place Track	C	6
ASB 211 Women in Other Cultures		
ETH 430 / LAS 430 / WST 430 Gender on the		

Requirement	Minimum Grade	Credit Hours
Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 473 / LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
HST 376 / LAS 376 Modern Latin America		
POS 150 Comparative Government (GCSI) or POS 350 Comparative Politics (GCSI)		
POS 247 Introduction to Latin American Politics		
POS 357 South Asia Politics		
POS 361 American Foreign Policy (SOBE)		
POS 437 / SOC 437 Women, Power, and Politics		
SOC 264 Sociology of Gender (CIVI)		
SOC 270 Sociology of Race and Ethnicity (CIVI)		
WST 428 Gender, Madness and Justice (SOBE)		

Political Science Capstone

POS 484 Internship OR POS 498 Pro-Seminar OR SBS 498 Pro-Seminar		C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Political Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPOLBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Political Science Core

POS 110 American Government and Politics (AMIT) **or** **POS 310 American National Government (AMIT)** OR **POS 150 Comparative Government (GCSI)** **or** **POS 350 Comparative Politics (GCSI)** OR **POS 160 Global Politics (GCSI)** **or** **POS 360 World Politics (GCSI)** OR **POS 210 Political Ideologies (CIVI)**	C	9
SBS 303 Quantitative Methods (QTRS)	C	3
SBS 304 Social Statistics I (QTRS)	C	3

Courses completed for core requirements cannot also be used

Requirement	Minimum Grade	Credit Hours
to fulfill track requirements.		

Political Science Electives

A minimum of six credit hours must be completed from each of the three interdisciplinary tracks for a total of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a minimum of six credit hours must completed from the POS subject code across all tracks. Courses cannot apply toward multiple track requirements.

Social Justice and Inequality Track	C	6
ASB 339 / POS 339 / SOC 339 Grassroots Social Movements		
ETH 380 / WST 380 Race, Gender, and Class (SOBE)		
HST 441 / LAS 441 Latin America and the World Economy		
JHR 100 Introduction to Social Justice and Human Rights (CIVI)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
POS 342 Political Theory		
POS 446 Democracy (CIVI)		
POS 480 / SBS 480 Global Justice (GCSI)		
POS 494 Topic: Everyday Forms of Political Resistance		
SBS 301 Cultural Diversity (SOBE)		

Requirement	Minimum Grade	Credit Hours
SOC 270 Sociology of Race and Ethnicity (CIVI)		
SOC 331 Environmental Sociology (SUST)		
SOC 352 Social Change (CIVI)		
SOC 426 Social Inequalities (CIVI)		
Law, Citizenship, and Borders Track		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT)		
POS 160 Global Politics (GCSI) **or** POS 360 World Politics (GCSI)	C	6
POS 210 Political Ideologies (CIVI)		
POS 361 American Foreign Policy (SOBE)		
POS 446 Democracy (CIVI)		
POS 465 International Organization and Law (GCSI)		
POS 480 / SBS 480 Global Justice (GCSI)		
Identity and Place Track	C	6
ASB 211 Women in Other Cultures		
ETH 430 / LAS 430 / WST 430 Gender on the		

Requirement	Minimum Grade	Credit Hours
Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 473 / LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
HST 376 / LAS 376 Modern Latin America		
POS 150 Comparative Government (GCSI) or POS 350 Comparative Politics (GCSI)		
POS 247 Introduction to Latin American Politics		
POS 357 South Asia Politics		
POS 361 American Foreign Policy (SOBE)		
POS 437 / SOC 437 Women, Power, and Politics		
SOC 264 Sociology of Gender (CIVI)		
SOC 270 Sociology of Race and Ethnicity (CIVI)		
WST 428 Gender, Madness and Justice (SOBE)		

Political Science Capstone

POS 484 Internship OR POS 498 Pro-Seminar OR SBS 498 Pro-Seminar		C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Upper Division Cognitive Science Electives	C	6

- **PSY 320 Learning and Motivation**
- **PSY 323 Sensation and Perception**
- **PSY 324 Memory and Cognition**
- **PSY 325 Physiological Psychology**

Requirement	Minimum Grade	Credit Hours
PSY 360 Cognitive Science		
PSY 369 Biology of Human Sexuality		
PSY 394 Topic: Developmental Neuroscience		
PSY 434 Cognitive Psychology		
PSY 470 Psychopharmacology		
Upper Division Social and Developmental Psychology Electives		
PSY 315 Personality Theory and Research (SOBE)	C	6
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		

Psychology Electives

Upper Division Psychology Electives	C	12
300-Level PSY Elective		
PSY 304 Effective Thinking		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		

Requirement	Minimum Grade	Credit Hours
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 330 Statistical Methods (QTRS)		
PSY 335 Positive Psychology		
PSY 336 Applications of Positive Psychology		
PSY 338 Emotional Intelligence		
PSY 340 Psychology of Academic Motivation and Growth		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 360 Cognitive Science		
PSY 366 Psychological Disorders (SOBE)		
PSY 368 Forensic Psychology		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 384 Psychology Undergraduate Teaching Assistant		
PSY 385 Psychology of Gender (SOBE)		
PSY 394 Topic: Social Psychology of Cults		
PSY 394 Topic: Psychology of Love and Intimacy		
PSY 394 Topic: Introduction to Clinical Psychology		
PSY 394 Topic: Childhood Trauma and Resilience		

Requirement	Minimum Grade	Credit Hours
PSY 394 Special Topics		
PSY 399 Supervised Research		
400-Level PSY Elective		
PSY 434 Cognitive Psychology		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 447 Psychology of Aging		
PSY 453 Organizational Behavior (SOBE)		
PSY 462 Health Psychology		
PSY 467 Psychology of Criminal Investigation		
PSY 468 Psychology and Law		
PSY 470 Psychopharmacology		
PSY 474 Correctional Psychology		
PSY 484 Internship		
PSY 493 Honors Thesis		
PSY 494 Topic: Psychology of Mindfulness		
PSY 494 Topic: Parenting: A Cultural Perspective		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 Topic: Behavioral Data Science I		
PSY 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
PSY 499 Individualized Instruction **SBS 300 Psychological Literacy and Career Development** Up to 3 credit hours of experiential learning (PSY 384/399/484/493/499) may apply toward this requirement.		
Psychology Electives	C	3
200-Level PSY Elective **PSY 211 The Criminal Mind (SOBE)** **PSY 215 Psychology of Work (SOBE)** 300-Level PSY Elective **PSY 304 Effective Thinking** **PSY 315 Personality Theory and Research (SOBE)** **PSY 320 Learning and Motivation** **PSY 323 Sensation and Perception** **PSY 324 Memory and Cognition** **PSY 330 Statistical Methods (QTRS)** **PSY 335 Positive Psychology** **PSY 336 Applications of Positive Psychology** **PSY 338 Emotional Intelligence** **PSY 340 Psychology of Academic Motivation and Growth**		

Requirement	Minimum Grade	Credit Hours
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 360 Cognitive Science		
PSY 366 Psychological Disorders (SOBE)		
PSY 368 Forensic Psychology		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 384 Psychology Undergraduate Teaching Assistant		
PSY 385 Psychology of Gender (SOBE)		
PSY 394 Topic: Social Psychology of Cults		
PSY 394 Topic: Psychology of Love and Intimacy		
PSY 394 Topic: Introduction to Clinical Psychology		
PSY 394 Topic: Childhood Trauma and Resilience		
PSY 394 Special Topics		
PSY 399 Supervised Research		
400-Level PSY Elective		
PSY 434 Cognitive Psychology		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 447 Psychology of Aging		
PSY 453 Organizational Behavior (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 462 Health Psychology		
PSY 467 Psychology of Criminal Investigation		
PSY 468 Psychology and Law		
PSY 470 Psychopharmacology		
PSY 474 Correctional Psychology		
PSY 484 Internship		
PSY 493 Honors Thesis		
PSY 494 Topic: Psychology of Mindfulness		
PSY 494 Topic: Parenting: A Cultural Perspective		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 Topic: Behavioral Data Science I		
PSY 494 Special Topics		
PSY 499 Individualized Instruction		
SBS 300 Psychological Literacy and Career Development		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation,	C	6

in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.		
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)** OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**	C	3
MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3
Psychology Related Area Electives ASB Elective COM Elective JHR Elective POS Elective PSY Elective SBS Elective	C	9

SOC Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
PSY 330 Statistical Methods (QTRS)	C	3
Upper Division Cognitive Science Electives	C	6

- **PSY 320 Learning and Motivation**
- **PSY 323 Sensation and Perception**
- **PSY 324 Memory and Cognition**

Requirement	Minimum Grade	Credit Hours
PSY 325 Physiological Psychology		
PSY 360 Cognitive Science		
PSY 369 Biology of Human Sexuality		
PSY 394 Topic: Developmental Neuroscience		
PSY 434 Cognitive Psychology		
PSY 470 Psychopharmacology		
Upper Division Social and Developmental Psychology Electives		
PSY 315 Personality Theory and Research (SOBE)		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)	C	6
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		

Psychology Electives

Upper Division Psychology Electives	C	12
300-Level PSY Elective		
PSY 304 Effective Thinking		
PSY 315 Personality Theory and Research (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 335 Positive Psychology		
PSY 336 Applications of Positive Psychology		
PSY 338 Emotional Intelligence		
PSY 340 Psychology of Academic Motivation and Growth		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 360 Cognitive Science		
PSY 366 Psychological Disorders (SOBE)		
PSY 368 Forensic Psychology		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 384 Psychology Undergraduate Teaching Assistant		
PSY 385 Psychology of Gender (SOBE)		
PSY 394 Topic: Social Psychology of Cults		
PSY 394 Topic: Psychology of Love and Intimacy		
PSY 394 Topic: Introduction to Clinical Psychology		
PSY 394 Topic: Childhood Trauma and Resilience		

Requirement	Minimum Grade	Credit Hours
PSY 394 Special Topics		
PSY 399 Supervised Research		
400-Level PSY Elective		
PSY 434 Cognitive Psychology		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 447 Psychology of Aging		
PSY 453 Organizational Behavior (SOBE)		
PSY 462 Health Psychology		
PSY 467 Psychology of Criminal Investigation		
PSY 468 Psychology and Law		
PSY 470 Psychopharmacology		
PSY 474 Correctional Psychology		
PSY 484 Internship		
PSY 493 Honors Thesis		
PSY 494 Topic: Psychology of Mindfulness		
PSY 494 Topic: Parenting: A Cultural Perspective		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 Topic: Behavioral Data Science I		
PSY 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
PSY 499 Individualized Instruction **SBS 300 Psychological Literacy and Career Development** Up to 3 credit hours of experiential learning (PSY 384/399/484/493/499) may apply toward this requirement.		
Psychology Electives	C	3
200-Level PSY Elective **PSY 211 The Criminal Mind (SOBE)** **PSY 215 Psychology of Work (SOBE)** 300-Level PSY Elective **PSY 304 Effective Thinking** **PSY 315 Personality Theory and Research (SOBE)** **PSY 320 Learning and Motivation** **PSY 323 Sensation and Perception** **PSY 324 Memory and Cognition** **PSY 335 Positive Psychology** **PSY 336 Applications of Positive Psychology** **PSY 338 Emotional Intelligence** **PSY 340 Psychology of Academic Motivation and Growth** **PSY 341 Developmental Psychology (SOBE)**		

Requirement	Minimum Grade	Credit Hours
PSY 350 Social Psychology (SOBE)		
PSY 360 Cognitive Science		
PSY 366 Psychological Disorders (SOBE)		
PSY 368 Forensic Psychology		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 384 Psychology Undergraduate Teaching Assistant		
PSY 385 Psychology of Gender (SOBE)		
PSY 394 Topic: Social Psychology of Cults		
PSY 394 Topic: Psychology of Love and Intimacy		
PSY 394 Topic: Introduction to Clinical Psychology		
PSY 394 Topic: Childhood Trauma and Resilience		
PSY 394 Special Topics		
PSY 399 Supervised Research		
400-Level PSY Elective		
PSY 434 Cognitive Psychology		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 447 Psychology of Aging		
PSY 453 Organizational Behavior (SOBE)		
PSY 462 Health Psychology		

Requirement	Minimum Grade	Credit Hours
PSY 467 Psychology of Criminal Investigation		
PSY 468 Psychology and Law		
PSY 470 Psychopharmacology		
PSY 474 Correctional Psychology		
PSY 484 Internship		
PSY 493 Honors Thesis		
PSY 494 Topic: Psychology of Mindfulness		
PSY 494 Topic: Parenting: A Cultural Perspective		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 Topic: Behavioral Data Science I		
PSY 494 Special Topics		
PSY 499 Individualized Instruction		
SBS 300 Psychological Literacy and Career Development		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an	C	6

ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) **OR CIS 105 Computer Applications and Information Technology (QTRS)** **OR CSE 180 Computer Literacy (QTRS)** **OR EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**	C	3

Life Science Lecture and Lab

BCH Elective BIO Elective FOR Elective LSC Elective MIC Elective	C	4

AND Scientific Thinking in Natural Sciences (SCIT)

Students must complete a lecture and lab combination with the General Studies SCIT designation from one of the above subject codes.

Scientific Thinking in Natural Sciences (SCIT)	C	4

PSY 290 does not count towards this requirement.

MAT 170 Precalculus (MATH)	C	3

Psychology Related Area Electives

ASB Elective	C	3
COM Elective		
JHR Elective		
POS Elective		
PSY Elective		
SBS Elective		
SOC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Psychology BS majors are required to complete a minimum of three SCIT courses: PSY 290, a Life Science lecture/lab course from the BCH, BIO, FOR, LSC, or MIC subjects, and one additional SCIT course of their choosing.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement or research opportunities, and more, visit: https://newcollege.asu.edu/

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology (Forensic Psychology), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSFPBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Upper Division Cognitive Science Electives	C	6

- **PSY 320 Learning and Motivation**
- **PSY 323 Sensation and Perception**
- **PSY 324 Memory and Cognition**
- **PSY 325 Physiological Psychology**

Requirement	Minimum Grade	Credit Hours
PSY 360 Cognitive Science		
PSY 369 Biology of Human Sexuality		
PSY 394 Topic: Developmental Neuroscience		
PSY 434 Cognitive Psychology		
PSY 470 Psychopharmacology		
Upper Division Social and Developmental Psychology Electives		
PSY 315 Personality Theory and Research (SOBE)		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)	C	3
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		

Forensic Psychology Concentration

CRJ 260 Criminal Law I: Introduction to Substantive Criminal Law	C	3
CRJ 309 Criminology (SOBE)	C	3
PSY 211 The Criminal Mind (SOBE)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3
PSY 368 Forensic Psychology	C	3

Requirement	Minimum Grade	Credit Hours
PSY 467 Psychology of Criminal Investigation	C	3
PSY 468 Psychology and Law	C	3
PSY 474 Correctional Psychology	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)** OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**	C	3

MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3
Psychology Related Area Electives ASB Elective COM Elective JHR Elective POS Elective PSY Elective SBS Elective SOC Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology (Forensic Psychology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSFPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
PSY 330 Statistical Methods (QTRS)	C	3
Upper Division Cognitive Science Electives	C	3

- **PSY 320 Learning and Motivation**
- **PSY 323 Sensation and Perception**
- **PSY 324 Memory and Cognition**

Requirement	Minimum Grade	Credit Hours
PSY 325 Physiological Psychology		
PSY 360 Cognitive Science		
PSY 369 Biology of Human Sexuality		
PSY 394 Topic: Developmental Neuroscience		
PSY 434 Cognitive Psychology		
PSY 470 Psychopharmacology		
Upper Division Social and Developmental Psychology Electives		
PSY 315 Personality Theory and Research (SOBE)		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)	C	3
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		

Forensic Psychology Concentration

PSY 211 The Criminal Mind (SOBE)	C	3
CRJ 260 Criminal Law I: Introduction to Substantive Criminal Law	C	3
CRJ 309 Criminology (SOBE)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
PSY 368 Forensic Psychology	C	3
PSY 467 Psychology of Criminal Investigation	C	3
PSY 468 Psychology and Law	C	3
PSY 474 Correctional Psychology	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)**	C	3

OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		
Life Science Lecture and Lab BCH Elective BIO Elective FOR Elective LSC Elective MIC Elective	C	4
AND Scientific Thinking in Natural Sciences (SCIT) Students must complete a lecture and lab combination with the General Studies SCIT designation from one of the above subject codes.		
Scientific Thinking in Natural Sciences (SCIT) Recommended: **FOR 105** OR **FOR 106** PSY 290 does not count towards this requirement.	C	4
MAT 170 Precalculus (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology (Industrial and Organizational Psychology), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSIOPBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Upper Division Cognitive Science Electives **PSY 320 Learning and Motivation** **PSY 324 Memory and Cognition**	C	6
Upper Division Social and Developmental Psychology Electives	C	6

Requirement	Minimum Grade	Credit Hours
PSY 315 Personality Theory and Research (SOBE)		
PSY 350 Social Psychology (SOBE)		

Industrial and Organizational Psychology Concentration

PSY 215 Psychology of Work (SOBE)	C	3
PSY 430 Industrial Psychology	C	3
PSY 453 Organizational Behavior (SOBE)	C	3
PSY 471 Psychological Testing	C	3
Upper Division Industrial and Organizational Psychology Electives	C	9
PSY 306 Environmental Psychology		
PSY 338 Emotional Intelligence		
PSY 462 Health Psychology		
PSY 494 / PSY 508 Choice and Decision Making		
PSY 494 / PSY 556 Cultural Intelligence		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 / PSY 510 Professional Motivation and Leadership		
SBS 300 Psychological Literacy and Career Development		
SBS 451 Communication and Work Relationships		

Requirement	Minimum Grade	Credit Hours
SOC 324 Sociology of Work and Organizations (GCSI) **PSY 484 Internship** Up to three credit hours of PSY 484 may apply toward the concentration electives.		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)**	C	3

OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		
MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3
Psychology Related Area Electives ASB Elective COM Elective JHR Elective POS Elective PSY Elective SBS Elective SOC Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology (Industrial and Organizational Psychology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSIOPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
PSY 330 Statistical Methods (QTRS)	C	3
Upper Division Cognitive Science Electives		
PSY 320 Learning and Motivation	C	6
PSY 324 Memory and Cognition		

Requirement	Minimum Grade	Credit Hours
Upper Division Social and Developmental Psychology Electives		
PSY 315 Personality Theory and Research (SOBE)	C	6
PSY 350 Social Psychology (SOBE)		

Industrial and Organizational Psychology Concentration

PSY 215 Psychology of Work (SOBE)	C	3
PSY 430 Industrial Psychology	C	3
PSY 453 Organizational Behavior (SOBE)	C	3
PSY 471 Psychological Testing	C	3
Upper Division Industrial and Organizational Psychology Electives	C	9
PSY 306 Environmental Psychology		
PSY 338 Emotional Intelligence		
PSY 462 Health Psychology		
PSY 494 / PSY 508 Choice and Decision Making		
PSY 494 / PSY 556 Cultural Intelligence		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 / PSY 510 Professional Motivation and Leadership		
SBS 300 Psychological Literacy and Career Development		

Requirement	Minimum Grade	Credit Hours
SBS 451 Communication and Work Relationships **SOC 324 Sociology of Work and Organizations (GCSI)** **PSY 484 Internship** Up to three credit hours of PSY 484 may apply toward the concentration electives.		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)**	C	3

OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**		
Life Science Lecture and Lab BCH Elective BIO Elective FOR Elective LSC Elective MIC Elective	C	4
AND Scientific Thinking in Natural Sciences (SCIT) Students must complete a lecture and lab combination with the General Studies SCIT designation from one of the above subject codes.		
Scientific Thinking in Natural Sciences (SCIT) PSY 290 does not count towards this requirement.	C	4
MAT 170 Precalculus (MATH)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Psychology BS majors are required to complete a minimum of three SCIT courses: PSY 290, a Life Science lecture/lab course from the BCH, BIO, FOR, LSC, or MIC subjects, and one additional SCIT course of their choosing.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement or research opportunities, and more, visit: https://newcollege.asu.edu/

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/

Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology (Positive Psychology), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSPPBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
Upper Division Cognitive Science Electives	C	6

- **PSY 320 Learning and Motivation**
- **PSY 323 Sensation and Perception**
- **PSY 324 Memory and Cognition**
- **PSY 325 Physiological Psychology**

Requirement	Minimum Grade	Credit Hours
PSY 360 Cognitive Science		
PSY 369 Biology of Human Sexuality		
PSY 394 Topic: Developmental Neuroscience		
PSY 434 Cognitive Psychology		
PSY 470 Psychopharmacology		
Upper Division Social and Developmental Psychology Electives		
PSY 315 Personality Theory and Research (SOBE)	C	6
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		

Positive Psychology Concentration

PSY 335 Positive Psychology	C	3
PSY 336 Applications of Positive Psychology	C	3
Upper Division Positive Psychology Electives	C	9
PSY 338 Emotional Intelligence		

Requirement	Minimum Grade	Credit Hours
PSY 340 Psychology of Academic Motivation and Growth		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 394 Topic: Childhood Trauma and Resilience		
PSY 394 Topic: Psychology of Love and Intimacy		
PSY 462 Health Psychology		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 Topic: Psychology of Mindfulness		
PSY 484 Internship		
Up to three credit hours of PSY 484 may apply toward the concentration electives.		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any		

course that satisfies the ASU General Studies MATH requirement.

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) OR **CIS 105 Computer Applications and Information Technology (QTRS)** OR **CSE 180 Computer Literacy (QTRS)** OR **EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**	C	3
MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3
Psychology Related Area Electives ASB Elective COM Elective JHR Elective POS Elective PSY Elective SBS Elective SOC Elective	C	9

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

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Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology (Positive Psychology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASPGSPPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Psychology Core

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4
PSY 330 Statistical Methods (QTRS)	C	3
Upper Division Cognitive Science Electives	C	6
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		

Requirement	Minimum Grade	Credit Hours
PSY 325 Physiological Psychology		
PSY 360 Cognitive Science		
PSY 369 Biology of Human Sexuality		
PSY 394 Topic: Developmental Neuroscience		
PSY 434 Cognitive Psychology		
PSY 470 Psychopharmacology		
Upper Division Social and Developmental Psychology Electives		
PSY 315 Personality Theory and Research (SOBE)	C	6
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		

Positive Psychology Concentration

PSY 335 Positive Psychology	C	3
PSY 336 Applications of Positive Psychology	C	3
Upper Division Positive Psychology Electives	C	9
PSY 338 Emotional Intelligence		

Requirement	Minimum Grade	Credit Hours
PSY 340 Psychology of Academic Motivation and Growth		
PSY 370 Interpersonal Relationships (SOBE)		
PSY 394 Topic: Childhood Trauma and Resilience		
PSY 394 Topic: Psychology of Love and Intimacy		
PSY 462 Health Psychology		
PSY 494 Topic: Optimal Psych: Multicultural Worldviews-Liberation		
PSY 494 Topic: Psychology of Mindfulness		
PSY 484 Internship		
Up to three credit hours of PSY 484 may apply toward the concentration electives.		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any		

course that satisfies the ASU General Studies MATH requirement.

Interdisciplinary Requirements

ACO 100 All About Data: Design, Query, and Visualization (QTRS) **OR CIS 105 Computer Applications and Information Technology (QTRS)** **OR CSE 180 Computer Literacy (QTRS)** **OR EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)**	C	3
Life Science Lecture and Lab BCH Elective BIO Elective FOR Elective LSC Elective MIC Elective **AND** Scientific Thinking in Natural Sciences (SCIT) Students must complete a lecture and lab combination with the General Studies SCIT designation from one of the above subject codes.	C	4
Scientific Thinking in Natural Sciences (SCIT) PSY 290 does not count towards this requirement.	C	4
MAT 170 Precalculus (MATH)	C	3
Psychology Related Area Electives ASB Elective	C	3

COM Elective

JHR Elective

POS Elective

PSY Elective

SBS Elective

SOC Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Psychology BS majors are required to complete a minimum of three SCIT courses: PSY 290, a Life Science lecture/lab course from the BCH, BIO, FOR, LSC, or MIC subjects, and one additional SCIT course of their choosing.
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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/
Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Social and Behavioral Sciences, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSBSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Behavioral Sciences Core

ASB 102 Introduction to Cultural Anthropology (GCSI) OR **COM 100 Introduction to Human Communication (SOBE)** OR **JHR 100 Introduction to Social Justice and Human Rights (CIVI)** OR **POS 110 American Government and Politics (AMIT)** OR **PSY 101 Introduction to Psychology (SOBE)** OR **SOC 101 Introductory Sociology (SOBE)** OR **SOS 111 Sustainable Cities (SUST)**	C	3
SBS 200 Introduction to Social and Behavioral Sciences (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
SBS 301 Cultural Diversity (SOBE)	C	3
SBS 302 Qualitative Methods (SOBE)	C	3
SBS 303 Quantitative Methods (QTRS) OR **SBS 304 Social Statistics I (QTRS)**	C	3

Social and Behavioral Sciences Electives

Upper Division Social and Behavioral Sciences Electives

ASB Elective COM Elective JHR Elective POS Elective PSY Elective SBS Elective SOC Elective	C	9
Social and Behavioral Sciences Electives ASB Elective COM Elective JHR Elective POS Elective PSY Elective	C	6

Requirement	Minimum Grade	Credit Hours
SBS Elective		
SOC Elective		
A minimum of nine credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Up to six credit hours of 484 Internship and 499 Individualized Instruction may be applied toward the major.		

Social and Behavioral Sciences Capstone

SBS 484 Internship OR **SBS 492 Honors Directed Study** OR **SBS 498 Pro-Seminar**	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
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Students interested in pursuing health-related professional and graduate programs should explore pre-health resources, including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/
Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/
Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Social and Behavioral Sciences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSBSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Behavioral Sciences Core

ASB 102 Introduction to Cultural Anthropology (GCSI) OR **COM 100 Introduction to Human Communication (SOBE)** OR **JHR 100 Introduction to Social Justice and Human Rights (CIVI)** OR **POS 110 American Government and Politics (AMIT)** OR **PSY 101 Introduction to Psychology (SOBE)** OR **SOC 101 Introductory Sociology (SOBE)** OR **SOS 111 Sustainable Cities (SUST)**	C	3
SBS 200 Introduction to Social and Behavioral Sciences (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
SBS 301 Cultural Diversity (SOBE)	C	3
SBS 302 Qualitative Methods (SOBE)	C	3
SBS 303 Quantitative Methods (QTRS)	C	3
SBS 304 Social Statistics I (QTRS)	C	3

Social and Behavioral Sciences Electives

Upper Division Social and Behavioral Sciences Electives

ASB Elective	C	9
COM Elective		
JHR Elective		
POS Elective		
PSY Elective		
SBS Elective		
SOC Elective		

Social and Behavioral Sciences Electives	C	6
ASB Elective		
COM Elective		
JHR Elective		
POS Elective		

Requirement	Minimum Grade	Credit Hours
PSY Elective		
SBS Elective		
SOC Elective		
A minimum of nine credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Up to six credit hours of 484 Internship and 499 Individualized Instruction may be applied toward the major.		

Social and Behavioral Sciences Capstone

SBS 484 Internship			
OR **SBS 492 Honors Directed Study**		C	3
OR **SBS 498 Pro-Seminar**			
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.		C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any			

course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/
Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Social and Cultural Analysis (American Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSCAASBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Cultural Analysis Core

AMS 201 Introduction to American Studies (HUAD) OR **ETH 100 Ethnic and Indigenous Lives (GCSI)** OR **PAX 230 Introduction to Peace Studies (GCSI)** OR **WST 100 Women, Gender, and Society (SOBE)**	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3

American Studies Concentration

Requirement	Minimum Grade	Credit Hours
American Studies Concentration	C	3
AMS 201 Introduction to American Studies (HUAD)		
AMS 276 U.S. Women's Movements (CIVI)		
AMS 326 Popular Culture		
AMS 330 American Lives (HUAD)		
AMS 332 Studies in Race and Ethnicity		
AMS 334 / ETH 333 / WST 334 Class in America		
AMS 336 The American Southwest in Literature and Film (HUAD)		
AMS 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
AMS 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
AMS 380 Race, Gender, and Class (SOBE)		
AMS 412 Studies in American Politics and Law		
AMS 428 Peoples and Cultures of the American West, to 1848		
AMS 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 450 Latina/os, Schooling and Social Inequality		
AMS 469 Trash Talk		
ENG 337 Major American Novels		

Requirement	Minimum Grade	Credit Hours
FOR 454 / HST 454 / REL 454 History of Genocide (GCSI)		
HST 320 U.S. Urban History since 1850		
HST 413 Contemporary America (HUAD)		
HST 419 / LAS 419 20th Century Chicano/a History		
REL 321 Religion in America (HUAD)		
Upper Division American Studies Concentration	C	21
AMS 326 Popular Culture		
AMS 330 American Lives (HUAD)		
AMS 332 Studies in Race and Ethnicity		
AMS 334 / ETH 333 / WST 334 Class in America		
AMS 336 The American Southwest in Literature and Film (HUAD)		
AMS 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
AMS 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
AMS 380 Race, Gender, and Class (SOBE)		
AMS 412 Studies in American Politics and Law		
AMS 428 Peoples and Cultures of the American West, to 1848		

Requirement	Minimum Grade	Credit Hours
AMS 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 450 Latina/os, Schooling and Social Inequality		
AMS 469 Trash Talk		
ENG 337 Major American Novels		
FOR 454 / **HST 454** / **REL 454 History of Genocide (GCSI)**		
HST 320 U.S. Urban History since 1850		
HST 413 Contemporary America (HUAD)		
HST 419 / **LAS 419 20th Century Chicano/a History**		
REL 321 Religion in America (HUAD)		

Social and Cultural Analysis Capstone

HRC 480 Capstone: Practices and Approaches	C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/
Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSCAERBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Cultural Analysis Core

AMS 201 Introduction to American Studies (HUAD) OR **ETH 100 Ethnic and Indigenous Lives (GCSI)** OR **PAX 230 Introduction to Peace Studies (GCSI)** OR **WST 100 Women, Gender, and Society (SOBE)**	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3

Ethnicity, Race and Indigenous Studies Concentration

Requirement	Minimum Grade	Credit Hours
Ethnicity, Race and Indigenous Studies Concentration	C	3
AMS 334 / ETH 333 / WST 334 Class in America		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 462 Africana Literature		
ENG 463 African American Literature		
ETH 100 Ethnic and Indigenous Lives (GCSI)		
ETH 334 The American Southwest in Literature and Film (HUAD)		
ETH 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ETH 380 Race, Gender, and Class (SOBE)		
ETH 428 Peoples and Cultures of the American West, to 1848		
ETH 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
ETH 450 Latina/os, Schooling and Social Inequality		
ETH 469 Trash Talk		

Requirement	Minimum Grade	Credit Hours
ETH 473 Indigenous and Latina/Chicana Representation		
ENG 484 / ETH 484 Topic: Pen Project Prison Teaching		
HST 419 / LAS 419 20th Century Chicano/a History		
SBS 301 Cultural Diversity (SOBE)		
Upper Division Ethnicity, Race and Indigenous Studies Concentration	C	21
AMS 334 / ETH 333 / WST 334 Class in America		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 462 Africana Literature		
ENG 463 African American Literature		
ETH 334 The American Southwest in Literature and Film (HUAD)		
ETH 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ETH 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ETH 380 Race, Gender, and Class (SOBE)		
ETH 428 Peoples and Cultures of the American West, to 1848		
ETH 430 Gender on the Borderlands (HUAD)		

Requirement	Minimum Grade	Credit Hours
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
ETH 450 Latina/os, Schooling and Social Inequality		
ETH 469 Trash Talk		
ETH 473 Indigenous and Latina/Chicana Representation		
ENG 484 / ETH 484 Topic: Pen Project Prison Teaching		
HST 419 / LAS 419 20th Century Chicano/a History		
SBS 301 Cultural Diversity (SOBE)		

Social and Cultural Analysis Capstone

HRC 480 Capstone: Practices and Approaches	C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
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Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Social and Cultural Analysis (Latin American Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSCALABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Cultural Analysis Core

AMS 201 Introduction to American Studies (HUAD) OR **ETH 100 Ethnic and Indigenous Lives (GCSI)** OR **PAX 230 Introduction to Peace Studies (GCSI)** OR **WST 100 Women, Gender, and Society (SOBE)**	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3

Latin American Studies Concentration

Requirement	Minimum Grade	Credit Hours
Latin American Studies Concentration	C	3
LAS 205 Introduction to Latin America (GCSI)		
LAS 206 Approaches to Latin America		
LAS 330 From the Inside: The Latin American Journey		
LAS 340 Latin American Women Writers (HUAD)		
LAS 350 The Construction of a Nation: Chile in the 20th/21st Century		
LAS 351 Cityscapes: Urban Mexican Literature and Culture		
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		
LAS 375 Colonial Latin America		
LAS 376 Modern Latin America		
LAS 404 Conquest and Encounters in Colonial Latin America (GCSI)		
LAS 419 20th Century Chicano/a History		
LAS 428 Peoples and Cultures of the American West, to 1848		
LAS 430 Gender on the Borderlands (HUAD)		
LAS 441 Latin America and the World Economy		
LAS 450 Latina/os, Schooling and Social Inequality		
LAS 471 Treaties and Cultural Production in Spain and the Americas		

Requirement	Minimum Grade	Credit Hours
LAS 473 Indigenous and Latina/Chicana Representation		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		
LAS 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
Upper Division Latin American Studies Concentration	C	21
LAS 330 From the Inside: The Latin American Journey		
LAS 340 Latin American Women Writers (HUAD)		
LAS 350 The Construction of a Nation: Chile in the 20th/21st Century		
LAS 351 Cityscapes: Urban Mexican Literature and Culture		
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		
LAS 375 Colonial Latin America		
LAS 376 Modern Latin America		
LAS 404 Conquest and Encounters in Colonial Latin America (GCSI)		
LAS 419 20th Century Chicano/a History		
LAS 428 Peoples and Cultures of the American West, to 1848		
LAS 430 Gender on the Borderlands (HUAD)		

Requirement	Minimum Grade	Credit Hours
LAS 441 Latin America and the World Economy		
LAS 450 Latina/os, Schooling and Social Inequality		
LAS 471 Treaties and Cultural Production in Spain and the Americas		
LAS 473 Indigenous and Latina/Chicana Representation		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		
LAS 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		

Social and Cultural Analysis Capstone

HRC 480 Capstone: Practices and Approaches	C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6

Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree

program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Social and Cultural Analysis (Peace Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSCAPSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Cultural Analysis Core

AMS 201 Introduction to American Studies (HUAD) OR **ETH 100 Ethnic and Indigenous Lives (GCSI)** OR **PAX 230 Introduction to Peace Studies (GCSI)** OR **WST 100 Women, Gender, and Society (SOBE)**	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3

Peace Studies Concentration

Requirement	Minimum Grade	Credit Hours
Peace Studies Concentration	C	3
AMS 276 / WST 276 U.S. Women's Movements (CIVI)		
ASB 339 / SBS 339 / SOC 339 Grassroots Social Movements		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 423 Facilitating Collaboration and Dialogue		
ENG 312 English in its Social Setting (SOBE)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
FOR 454 / HST 454 / REL 454 History of Genocide (GCSI)		
IAP 307 Art and War (GCSI)		
IAS 406 / PHI 406 Moral Dilemmas		
JHR 100 Introduction to Social Justice and Human Rights (CIVI)		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
NEW 100 Introduction to Conflict Resolution		
PAX 230 Introduction to Peace Studies (GCSI)		
PAX 310 War and Peace: The Evolution of Conflict and Cooperation		
PHI 306 Applied Ethics (CIVI)		
POS 480 / SBS 480 Global Justice (GCSI)		

Requirement	Minimum Grade	Credit Hours
SOC 241 Modern Social Problems (SOBE)		

Upper Division Peace Studies Concentration

ASB 339 / SBS 339 / SOC 339 Grassroots Social Movements		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 423 Facilitating Collaboration and Dialogue		
ENG 312 English in its Social Setting (SOBE)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
FOR 454 / HST 454 / REL 454 History of Genocide (GCSI)	C	21
IAP 307 Art and War (GCSI)		
IAS 406 / PHI 406 Moral Dilemmas		
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)		
PAX 310 War and Peace: The Evolution of Conflict and Cooperation		
PHI 306 Applied Ethics (CIVI)		
POS 480 / SBS 480 Global Justice (GCSI)		

Social and Cultural Analysis Capstone

Requirement	Minimum Grade	Credit Hours
HRC 480 Capstone: Practices and Approaches	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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Curriculum - Social and Cultural Analysis (Queer and Sexuality Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSCAQSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Cultural Analysis Core

AMS 201 Introduction to American Studies (HUAD) OR **ETH 100 Ethnic and Indigenous Lives (GCSI)** OR **PAX 230 Introduction to Peace Studies (GCSI)** OR **WST 100 Women, Gender, and Society (SOBE)**	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3

Queer and Sexuality Studies Concentration

Requirement	Minimum Grade	Credit Hours
Queer and Sexuality Studies Concentration		
AMS 334 / ETH 333 / WST 334 Class in America		
AMS 276 / WST 276 U.S. Women's Movements (CIVI)		
ENG 443 / WST 415 Gender, Culture and Literacy		
SWU 180 Introduction to LGBTQ+ Studies (CIVI)		
WST 100 Women, Gender, and Society (SOBE) **or** WST 300 Women and Gender in Contemporary Society (SOBE)		
WST 333 Critical Perspectives on Sexuality (SOBE)		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)	C	3
WST 413 Queer Studies		
WST 428 Gender, Madness and Justice (SOBE)		
WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		

Requirement	Minimum Grade	Credit Hours
Upper Division Queer and Sexuality Studies Concentration		
AMS 334 / ETH 333 / WST 334 Class in America		
ENG 443 / WST 415 Gender, Culture and Literacy		
WST 333 Critical Perspectives on Sexuality (SOBE)		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		
WST 413 Queer Studies		
WST 428 Gender, Madness and Justice (SOBE)	C	21
WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		

Social and Cultural Analysis Capstone

HRC 480 Capstone: Practices and Approaches	C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience **OR** **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.	1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Curriculum - Social and Cultural Analysis (Women and Gender Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSCAWSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social and Cultural Analysis Core

AMS 201 Introduction to American Studies (HUAD) OR **ETH 100 Ethnic and Indigenous Lives (GCSI)** OR **PAX 230 Introduction to Peace Studies (GCSI)** OR **WST 100 Women, Gender, and Society (SOBE)**	C	3
HRC 200 Introduction to Social and Cultural Analysis (CIVI)	C	3
HRC 310 Social and Cultural Analysis: Method and Theory (SOBE)	C	3

Women and Gender Studies Concentration

Requirement	Minimum Grade	Credit Hours
Women and Gender Studies Concentration	C	3
AMS 334 / ETH 333 / WST 334 Class in America		
ENG 220 / WST 220 Gender, Media and Culture (HUAD)		
ENG 336 / WST 330 Women, Film and Culture		
ENG 364 Women and Literature (HUAD)		
ENG 443 / WST 415 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
SBS 301 Cultural Diversity (SOBE)		
WST 100 Women, Gender, and Society (SOBE) **or** **WST 300 Women and Gender in Contemporary Society (SOBE)**		
WST 276 U.S. Women's Movements (CIVI)		
WST 333 Critical Perspectives on Sexuality (SOBE)		
WST 341 / LAS 340 Latin American Women Writers (HUAD)		
WST 370 Chronicling Women's Lives		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
WST 428 Gender, Madness and Justice (SOBE)		

Requirement	Minimum Grade	Credit Hours
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		
WST 473 Indigenous and Latina/Chicana Representation		
Upper Division Women and Gender Studies Concentration	C	21
AMS 334 / ETH 333 / WST 334 Class in America		
ENG 336 / WST 330 Women, Film and Culture		
ENG 364 Women and Literature (HUAD)		
ENG 443 / WST 415 Gender, Culture and Literacy		
ENG 454 / WST 454 Gender and Literature		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
SBS 301 Cultural Diversity (SOBE)		
WST 333 Critical Perspectives on Sexuality (SOBE)		

Requirement	Minimum Grade	Credit Hours
WST 341 / LAS 340 Latin American Women Writers (HUAD)		
WST 370 Chronicling Women's Lives		
WST 376 Feminist Theory (HUAD)		
WST 380 Race, Gender, and Class (SOBE)		
REL 390 / WST 390 Women, Gender and Religion (GCSI)		
WST 428 Gender, Madness and Justice (SOBE)		
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		
ETH 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
WST 444 Gender, Health, and Bodies (SOBE)		
WST 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
WST 457 Women, Cultures, and Societies		
WST 469 Trash Talk		
WST 473 Indigenous and Latina/Chicana Representation		

Social and Cultural Analysis Capstone

HRC 480 Capstone: Practices and Approaches	C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

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First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Curriculum - Social Justice and Human Rights, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASJHRBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Social Justice and Human Rights Core

JHR 100 Introduction to Social Justice and Human Rights (CIVI)	C	3
JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)	C	3
SBS 302 Qualitative Methods (SOBE) OR **SBS 303 Quantitative Methods (QTRS)** OR **SBS 304 Social Statistics I (QTRS)**	C	6

Social Justice and Human Rights Electives

Requirement	Minimum Grade	Credit Hours
A minimum of nine credit hours must be completed from each of the three interdisciplinary tracks for a total of 27 credit hours. At least 18 credit hours must be completed at the upper-division level from all tracks. Courses cannot apply toward multiple track requirements.		
Social Justice and Inequality Track	C	9
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ENV 440 / JHR 440 Deconstructing Justice in the Environment: Measurements, Policies and Societal Implications		
ETH 380 / WST 380 Race, Gender, and Class (SOBE)		
HST 441 / LAS 441 Latin America and the World Economy		
JHR 294 Topic: Human Rights & Data		
JHR 378 Inequality and Living Wages in Latin America (CIVI)		
POS 342 Political Theory		
POS 446 Democracy (CIVI)		
POS 480 / SBS 480 Global Justice (GCSI)		
POS 494 Topic: Everyday Forms of Political Resistance		
SBS 301 Cultural Diversity (SOBE)		
SOC 331 Environmental Sociology (SUST)		
SOC 352 Social Change (CIVI)		

Requirement	Minimum Grade	Credit Hours
SOC 426 Social Inequalities (CIVI)		
Law, Citizenship, and Borders Track		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
JHR 425 The Politics of Immigration		
PAX 230 Introduction to Peace Studies (GCSI)		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT)	C	9
POS 160 Global Politics (GCSI) **or** POS 360 World Politics (GCSI)		
POS 210 Political Ideologies (CIVI)		
POS 361 American Foreign Policy (SOBE)		
POS 465 International Organization and Law (GCSI)		
JHR 494 Topic: Borders and Climate Change		
Identity and Place Track	C	9
ASB 211 Women in Other Cultures		
ASB 394 / ENG 394 / JHR 394 Topic: World Languages and Identity		
ETH 430 / LAS 430 / WST 430 Gender on the Borderlands (HUAD)		

Requirement	Minimum Grade	Credit Hours
ETH 433 / JHR 433 / WST 433 Race and Sexualities in Social Justice Movements (SOBE)		
ETH 473 / LAS 473 / WST 473 Indigenous and Latina/Chicana Representation		
FOR 449 / LAS 449 / SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
HST 376 / LAS 376 Modern Latin America		
JHR 394 Topic: Human Rights in the Global South		
JHR 494 Topic: Political Representation in Latin America		
POS 150 Comparative Government (GCSI) or POS 350 Comparative Politics (GCSI)		
POS 247 Introduction to Latin American Politics		
POS 357 South Asia Politics		
POS 361 American Foreign Policy (SOBE)		
POS 437 / SOC 437 Women, Power, and Politics		
SOC 264 Sociology of Gender (CIVI)		
SOC 270 Sociology of Race and Ethnicity (CIVI)		
WST 428 Gender, Madness and Justice (SOBE)		

Social Justice and Human Rights Capstone

Requirement	Minimum Grade	Credit Hours
JHR 484 Internship OR **JHR 485 Social Justice and Human Rights Capstone** OR **JHR 493 Honors Thesis** OR **SBS 498 Pro-Seminar**	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience**	1 - 3

NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

For student resources, including academic advising appointment scheduling, forms and policies, internship information, involvement or research opportunities, and more, visit: https://newcollege.asu.edu/

Students interested in pursuing health-related professional and graduate programs should explore pre-health resources,

including Pre-Health 101 Workshops and Pre-Health Advising. For more information, visit: https://prehealth.asu.edu/

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sociology, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSOCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Sociology Core

SOC 101 Introductory Sociology (SOBE)	C	3
SBS 302 Qualitative Methods (SOBE)	C	3
SBS 304 Social Statistics I (QTRS)	C	3
SOC 426 Social Inequalities (CIVI) OR **SOC 483 Sociological Theories (SOBE)**	C	3

Sociology Electives

SOC Elective	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division **SOC Elective**	C	9
Experiential learning courses (SOC 484/499) do not apply.		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

Interdisciplinary Requirements

Sociology Related Area Electives	C	3
ASB Elective		
COM Elective		
JHR Elective		

POS Elective

PSY Elective

SBS Elective

SOC Elective

Upper Division Sociology Related Area Electives

ASB Elective

COM Elective

JHR Elective

POS Elective

PSY Elective

SBS Elective

SOC Elective

C 9

Up to 6 credit hours of experiential learning (484/499) may apply toward this requirement.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience

OR **IAS 300 Career Strategies and Personal Resilience**

1 - 3

NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.

First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR ENG 105 Advanced First-Year Composition	C	6
OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sociology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSOCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Sociology Core

SOC 101 Introductory Sociology (SOBE)	C	3
SBS 303 Quantitative Methods (QTRS)	C	3
SBS 304 Social Statistics I (QTRS)	C	3
SOC 426 Social Inequalities (CIVI) OR **SOC 483 Sociological Theories (SOBE)**	C	3

Sociology Electives

Upper Division **SOC Elective** Experiential learning courses (SOC 484/499) do not apply.	C	9

Requirement	Minimum Grade	Credit Hours
SOC Elective	C	3
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

Interdisciplinary Requirements

Sociology Related Area Electives	C	3
ASB Elective		
COM Elective		
JHR Elective		
POS Elective		

PSY Elective		
SBS Elective		
SOC Elective		
Upper Division Sociology Related Area Electives		
ASB Elective		
COM Elective		
JHR Elective		
POS Elective	C	9
PSY Elective		
SBS Elective		
SOC Elective		

Up to 6 credit hours of experiential learning (484/499) may apply toward this requirement.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience**	1 - 3

NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Students interested in pursuing law-related professional and graduate programs should explore pre-law resources. For more information, visit: https://prelaw.asu.edu/

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Curriculum - Spanish, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSPABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Spanish Core

SPA 313 Spanish Conversation and Composition or SPA 315 Advanced Spanish I for Bilinguals (SOBE)	C	3
SPA 314 Spanish Conversation and Composition or SPA 316 Advanced Spanish II for Bilinguals (CIVI)	C	3
SPA 325 Introduction to Hispanic Literature (HUAD)	C	3
Upper Division Spanish Literature **LAS 340 Latin American Women Writers (HUAD)** **LAS 351 Cityscapes: Urban Mexican Literature and Culture**	C	12

Requirement	Minimum Grade	Credit Hours
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 434 Drama of the Golden Age		
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 487 Chicano/a Drama: Pachucos, Vendidos y Cerezitas		
Upper Division Spanish Culture and Civilization	C	12
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		
LAS 394 / SPA 394 Topic: Global Central America: Markets, Migrations, Media		
LAS 394 Special Topics		
LAS 449 / SPA 449 Latin American Cinema: The Dead and the Disappeared (GCSI)		
LAS 471 Treaties and Cultural Production in Spain and the Americas		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		

Requirement	Minimum Grade	Credit Hours
LAS 481 / SPA 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
LAS 494 Special Topics		
SPA 394 Special Topics		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA 494 Special Topics		

Spanish Electives

Spanish Related Electives	C	12
ASB 356 / GCU 356 / POS 354 / SBS 356 / SOC 356 Central American Studies		
ENG 334 The American Southwest in Literature and Film (HUAD)		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
HST 324 / LAS 324 Food in Latin America (GCSI)		
LAS 205 Introduction to Latin America (GCSI)		

Requirement	Minimum Grade	Credit Hours
LAS 206 Approaches to Latin America		
LAS 340 Latin American Women Writers (HUAD)		
LAS 350 The Construction of a Nation: Chile in the 20th/21st Century		
LAS 351 Cityscapes: Urban Mexican Literature and Culture		
LAS 355 Contemporary Mexican Cinema: Changing Cartographies		
LAS 375 Colonial Latin America		
LAS 376 Modern Latin America		
LAS 404 Conquest and Encounters in Colonial Latin America (GCSI)		
LAS 419 20th Century Chicano/a History		
LAS 428 Peoples and Cultures of the American West, to 1848		
LAS 471 Treaties and Cultural Production in Spain and the Americas		
LAS 473 Indigenous and Latina/Chicana Representation		
LAS 480 Current Trends in Theatre and New Media in Latin America and Spain		
LAS 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation		
POS 453 Latin America		

Requirement	Minimum Grade	Credit Hours
POS 454 Mexico		
SPA 412 Advanced Conversation and Composition		
SPA 413 Spanish Grammar in Context		
SPA 456 20th-Century Spanish American Fiction		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114** OR **MAT 117**	C	3

Foundational Spanish Courses

Depending on Spanish placement, students may not need all foundational courses and instead will complete elective hours. Click here for the Language Placement Test.

SPA 101 Elementary Spanish I	C	4
SPA 102 Elementary Spanish II	C	4
SPA 201 Intermediate Spanish	C	4
SPA 202 Intermediate Spanish	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

NEW 101 The ASU New College Experience OR **IAS 300 Career Strategies and Personal Resilience** NEW 101 (or other ASU college equivalent) is required for all first-year students. IAS 300 is required for all transfer students in New College.		1 - 3

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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Courses taught in English will require all written work in Spanish for major credit.

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Curriculum - Statistics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: New College of Interdisciplinary Arts and Sciences
Plan Code: ASSTABS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from the New College of Interdisciplinary Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		

Statistics Core

STP 280 Probability and Statistics for Researchers (QTRS)	C	3
STP 281 Statistical Analysis for Researchers	C	3
STP 310 Design and Analysis of Experiments	C	3
STP 311 Regression and Time Series Analyses	C	3
STP 315 Statistical Computing	C	3
STP 421 Probability	C	3
STP 427 Mathematical Statistics	C	3

Requirement	Minimum Grade	Credit Hours

Statistics Electives

Upper Division Statistics Electives

ACO 482 Design Thinking for National Security		
MAT 422 Mathematical Methods in Data Science		
STP 450 Nonparametric Statistics		
STP 451 Quality Improvement		
STP 452 Multivariate Statistics	C	9
STP 460 Categorical Data Analysis		
STP 470 Predictive Analytics		
STP 494 Special Topics		
STP 499 Individualized Instruction		

A maximum of three credit hours of STP 499 may apply toward this requirement.

Focus Area

Applied Computing Focus Area	C	9
ACO 201 Data Structures and Algorithms (QTRS)		
ACO 320 Database Systems		
ACO 350 Systems Programming (QTRS)		

Requirement	Minimum Grade	Credit Hours
OR **Chemistry Focus Area**		
CHM 113 General Chemistry I (SCIT)		
CHM 116 General Chemistry II (SCIT)		
CHM 233 General Organic Chemistry I		
OR **Forensic Science Focus Area**		
FOR 286 Principles of Forensic Science		
FOR 370 Fundamentals of Forensic Analysis		
FOR 410 Testimony and Ethics in the Forensic Sciences		
OR **Mathematics Focus Area**		
MAT 243 Discrete Mathematical Structures		
MAT 300 Mathematical Structures		
MAT 371 Advanced Calculus I		
MAT 421 Applied Computational Methods (MATH)		
MAT 422 Mathematical Methods in Data Science		
MAT 450 Mathematical Models in Biology		
MAT 451 Mathematical Modeling		
MAT 472 Intermediate Real Analysis I		

Requirement	Minimum Grade	Credit Hours

OR **Social Justice and Human Rights Focus Area**

> **JHR 100 Introduction to Social Justice and Human Rights (CIVI)**
>
> **JHR 305 Theory and Practice of Social Justice and Human Rights (CIVI)**
>
> **JHR 433 Race and Sexualities in Social Justice Movements (SOBE)**
>
> **JHR 425 The Politics of Immigration**

OR **Psychology Focus Area**

> 300-Level PSY Elective
>
> 400-Level PSY Elective

OR **Individualized Focus Area**

> Work with an advisor to develop an individual focus area.

Working with an advisor, select and complete three courses from a single discipline. The focus areas and the courses listed above are examples. Students may consult with their academic advisor to discuss additional options.

Statistics Capstone

STP 485 Statistics Capstone	C	3

Upper Division Global and Civic Engagement Requirement: satisfied through completion of six credits of upper-division courses with a Global Communities, Societies and Individuals (GCSI) or Governance and Civic Engagement (CIVI) designation, in addition to the courses used to meet the university general studies requirements; or completion of three credits from an ASU-approved global education program. Adjustment to upper-division and elective hours is required if a lower-division global education course is used.	C	6
Mathematics Proficiency Requirement: all New College students in a Bachelor of Arts or Bachelor of Science degree program are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		

Interdisciplinary Requirements

ACO 101 Introduction to Computer Science (QTRS) OR **CSE 110 Principles of Programming (QTRS)**	C	3
ACO 102 Object-Oriented Programming (QTRS) OR **CSE 205 Object-Oriented Programming and Data Structures (QTRS)**	C	3
MAT 243 Discrete Mathematical Structures OR **MAT 300 Mathematical Structures**	C	3
MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4

MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
MAT 343 Applied Linear Algebra	C	3

ASU 101 or College-Specific First-Year Seminar

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First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

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Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/

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Curriculum - Digital Audiences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Walter Cronkite School of Journalism and Mass Comm
Plan Code: CSDIGABS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
JMC 101 Grammar for Journalists OR **MCO 101 Everyday Grammar** Students must earn a grade of 80% or higher in JMC 101 or MCO 101.	Y	1
MCO 102 Fundamentals of Coding	C	1
MCO 120 Media and Society (HUAD)	C	3
JMC 115 Civility and Community at Cronkite	C	1
MCO 307 The Digital Audience	C	3
JMC 366 Media Ethics OR **MCO 366 Mass Communication Ethics**	C	3
MCO 403 Media Law	C	3
MCO 433 Social Media Campaigns, Engagement and Research	C	3
MCO 434 Search Engine Research and Strategy	C	3

Requirement	Minimum Grade	Credit Hours
MCO 438 Digital Audience Analysis	C	3
MCO 439 Digital Audience Growth	C	3
Upper Division Mass Communication Electives	C	3
MCO 302 Media Research Methods		
MCO 335 Social Media Foundations		
MCO 375 Podcasting		
MCO 394 Topic: American Futures and Media		
MCO 394 Topic: Interview and Inquiry		
MCO 394 Topic: Photography for Mass Media		
MCO 394 Topic: Videography for Mass Media		
MCO 418 History of Mass Communication (SOBE)		
MCO 420 Strategic Sports Communication		
MCO 423 Media Project Management		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 427 Misinformation and Society		
MCO 428 Digital Media and Freedom of Expression in the 21st Century		
MCO 430 International Mass Communication (GCSI)		
MCO 431 Media Entrepreneurship		

Requirement	Minimum Grade	Credit Hours
MCO 450 Visual Communication (HUAD)		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MCO 465 Sports and Media		
MCO 470 Exploring the Business of Journalism		
MCO 473 Sex, Love, and Romance in the Mass Media		
MCO 484 Internship		
MCO 494 Topic: Advanced Media Entrepreneurship		
MCO 494 Topic: Data in Sports		
MCO 494 Topic: Media Products, Sales and Solutions		
MCO 494 Topic: The Evolution of TV		

Students may discuss additional MCO elective options with their academic advisor.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition	AND	ENG 102 First-Year Composition	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Digital Media Literacy, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Walter Cronkite School of Journalism and Mass Comm
Plan Code: CSDMLBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
MCO 120 Media and Society (HUAD)	C	3
MCO 302 Media Research Methods	C	3
MCO 425 Digital Media Literacy I	C	3
MCO 426 Digital Media Literacy II	C	3
MCO 427 Misinformation and Society	C	3
MCO 428 Digital Media and Freedom of Expression in the 21st Century	C	3
Major Electives		
Mass Communication Electives	C	3
MCO 240 Media Issues in American Pop Culture		
MCO 307 The Digital Audience		
MCO 335 Social Media Foundations		

Requirement	Minimum Grade	Credit Hours
MCO 366 Mass Communication Ethics		
MCO 375 Podcasting		
MCO 394 Topic: Interview and Inquiry		
MCO 394 Topic: American Futures and Media		
MCO 394 Topic: Photography for Mass Media		
MCO 394 Topic: Videography for Mass Media		
MCO 403 Media Law		
MCO 418 History of Mass Communication (SOBE)		
MCO 423 Media Project Management		
MCO 430 International Mass Communication (GCSI)		
MCO 431 Media Entrepreneurship		
MCO 433 Social Media Campaigns, Engagement and Research		
MCO 434 Search Engine Research and Strategy		
MCO 438 Digital Audience Analysis		
MCO 450 Visual Communication (HUAD)		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MCO 465 Sports and Media		
MCO 470 Exploring the Business of Journalism		

Requirement	Minimum Grade	Credit Hours
MCO 473 Sex, Love, and Romance in the Mass Media		
MCO 484 Internship		
MCO 494 Topic: Advanced Media Entrepreneurship		
MCO 494 Topic: Data in Sports		
MCO 494 Topic: Media Products, Sales and Solutions		
MCO 494 Topic: The Evolution of TV		
Upper Division Mass Communication Electives	C	9
MCO 307 The Digital Audience		
MCO 335 Social Media Foundations		
MCO 366 Mass Communication Ethics		
MCO 375 Podcasting		
MCO 394 Topic: Interview and Inquiry		
MCO 394 Topic: American Futures and Media		
MCO 394 Topic: Photography for Mass Media		
MCO 394 Topic: Videography for Mass Media		
MCO 403 Media Law		
MCO 418 History of Mass Communication (SOBE)		
MCO 423 Media Project Management		
MCO 430 International Mass Communication (GCSI)		

Requirement	Minimum Grade	Credit Hours
MCO 431 Media Entrepreneurship		
MCO 433 Social Media Campaigns, Engagement and Research		
MCO 434 Search Engine Research and Strategy		
MCO 438 Digital Audience Analysis		
MCO 450 Visual Communication (HUAD)		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MCO 465 Sports and Media		
MCO 470 Exploring the Business of Journalism		
MCO 473 Sex, Love, and Romance in the Mass Media		
MCO 484 Internship		
MCO 494 Topic: Advanced Media Entrepreneurship		
MCO 494 Topic: Data in Sports		
MCO 494 Topic: Media Products, Sales and Solutions		
MCO 494 Topic: The Evolution of TV		

Students may discuss additional MCO elective options with their academic advisor.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Journalism and Mass Communication, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Walter Cronkite School of Journalism and Mass Comm
Plan Code: CSJMCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
JMC 101 Grammar for Journalists Students must earn a grade of 80% or higher in JMC 101.	Y	1
JMC 102 Coding for Journalists	C	1
JMC 110 Principles and History of Journalism (HUAD)	C	3
JMC 115 Civility and Community at Cronkite	C	1
JMC 201 News Reporting and Writing	C	3
JMC 301 Intermediate Reporting and Writing	C	3
JMC 366 Media Ethics	C	3
JMC 305 Multimedia Journalism	C	3
JMC 402 Mass Communication Law	C	3
JMC 473 The Business and Future of Journalism OR **JMC 310 Principles of Strategic Communications** Students interested in strategic communication emphasis should enroll in JMC 310; all others should enroll in JMC 473.	C	3

Requirement	Minimum Grade	Credit Hours
JMC 313 Introduction to Editing OR JMC 345 Videography OR JMC 351 Photojournalism I OR JMC 448 Non-Narrative Video Storytelling	C	3
JMC 484 Internship	C	3
Upper Division Advanced Skills Course	C	6
JMC 320 Newscast Producing		
JMC 330 Television Reporting		
JMC 333 Advanced Bilingual Broadcast Reporting		
JMC 351 Photojournalism I		
JMC 412 Opinion Writing		
JMC 413 Advanced Editing		
JMC 414 Digital Graphic Design		
JMC 415 Writing for Public Relations		
JMC 421 Advanced Digital Storytelling		
JMC 430 Sports Marketing and Campaigns		
JMC 434 Advanced Bilingual Reporting		
JMC 436 Public Relations Research		
JMC 437 Documentary Production		
JMC 440 Magazine Writing		
JMC 441 Narrative Writing and Reporting.		

Requirement	Minimum Grade	Credit Hours
JMC 442 Sports and Culture Commentary		
JMC 448 Non-Narrative Video Storytelling		
JMC 451 Photojournalism II		
JMC 452 Visual Storytelling		
JMC 453 Reporting on Business and the Economy		
JMC 455 Digital Media Entrepreneurship		
JMC 457 Advanced Radio Reporting		
JMC 460 Advanced Online Media		
JMC 470 Depth Reporting		
JMC 475 Video Production and Graphics Lab		
JMC 476 Cronkite Agency: Public Relations		
JMC 477 New Media Innovation and Entrepreneurship Lab		
JMC 478 Cronkite News Bureau		
JMC 479 Cronkite News: Washington Bureau		
JMC 483 Los Angeles Content Creation Studio		
JMC 486 Cronkite Agency: Digital Marketing		
JMC 487 Howard Center for Investigative Journalism		
JMC 494 Topic: Advanced Podcast Production		
JMC 494 Topic: Sustainability Short-Form Documentary		

Requirement	Minimum Grade	Credit Hours
Advanced Skills courses should be selected in consultation with academic advisor. These courses can be used as preparation for Capstone course.		
Upper Division Capstone Courses		
JMC 475 Video Production and Graphics Lab		
JMC 476 Cronkite Agency: Public Relations		
JMC 477 New Media Innovation and Entrepreneurship Lab		
JMC 478 Cronkite News Bureau	C	3
JMC 479 Cronkite News: Washington Bureau		
JMC 483 Los Angeles Content Creation Studio		
JMC 486 Cronkite Agency: Digital Marketing		
JMC 487 Howard Center for Investigative Journalism		

Major Electives

Upper Division **MCO Elective**	C	3
Upper Division **MCO Elective** OR Upper Division **JMC Elective**	C	6

Students may discuss additional major elective options with their academic advisor.

Language Requirement: satisfied through completion of a language course at the intermediate level (202 or equivalent) or higher.		16

Related Area

Students select related area courses in consultation with their academic advisor.

Related Area	C	9
Upper Division Related Area	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Check: Minimum 2.5 ASU Cumulative GPA
Students interested in Accelerated Master's Degrees should consult with their academic advisor.
Students in the Accelerated Master's Program should meet with their academic advisor to discuss alternate courses that can apply to both the Bachelor's and Master's degree requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Mass Communication and Media Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Walter Cronkite School of Journalism and Mass Comm
Plan Code: CSMCMSTBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
MCO 120 Media and Society (HUAD)	C	3

Major Electives

Mass Communication Electives	C	3

- **MCO 240 Media Issues in American Pop Culture**
- **MCO 302 Media Research Methods**
- **MCO 307 The Digital Audience**
- **MCO 335 Social Media Foundations**
- **MCO 366 Mass Communication Ethics**
- **MCO 375 Podcasting**
- **MCO 394 Topic: American Futures and Media**
- **MCO 394 Topic: Interview and Inquiry**
- **MCO 394 Topic: Photography for Mass Media**

Requirement	Minimum Grade	Credit Hours
MCO 394 Topic: Videography for Mass Media		
MCO 403 Media Law		
MCO 418 History of Mass Communication (SOBE)		
MCO 420 Strategic Sports Communication		
MCO 423 Media Project Management		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 427 Misinformation and Society		
MCO 428 Digital Media and Freedom of Expression in the 21st Century		
MCO 430 International Mass Communication (GCSI)		
MCO 431 Media Entrepreneurship		
MCO 433 Social Media Campaigns, Engagement and Research		
MCO 434 Search Engine Research and Strategy		
MCO 438 Digital Audience Analysis		
MCO 450 Visual Communication (HUAD)		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MCO 465 Sports and Media		
MCO 470 Exploring the Business of Journalism		

Requirement	Minimum Grade	Credit Hours
MCO 473 Sex, Love, and Romance in the Mass Media		
MCO 484 Internship		
MCO 494 Topic: Advanced Media Entrepreneurship		
MCO 494 Topic: Data in Sports		
MCO 494 Topic: Media Products, Sales and Solutions		
MCO 494 Topic: The Evolution of TV		
Upper Division Mass Communication Electives	C	24
MCO 302 Media Research Methods		
MCO 307 The Digital Audience		
MCO 335 Social Media Foundations		
MCO 366 Mass Communication Ethics		
MCO 375 Podcasting		
MCO 394 Topic: American Futures and Media		
MCO 394 Topic: Interview and Inquiry		
MCO 394 Topic: Photography for Mass Media		
MCO 394 Topic: Videography for Mass Media		
MCO 403 Media Law		
MCO 418 History of Mass Communication (SOBE)		
MCO 420 Strategic Sports Communication		

Requirement	Minimum Grade	Credit Hours
MCO 423 Media Project Management		
MCO 425 Digital Media Literacy I		
MCO 426 Digital Media Literacy II		
MCO 427 Misinformation and Society		
MCO 428 Digital Media and Freedom of Expression in the 21st Century		
MCO 430 International Mass Communication (GCSI)		
MCO 431 Media Entrepreneurship		
MCO 433 Social Media Campaigns, Engagement and Research		
MCO 434 Search Engine Research and Strategy		
MCO 438 Digital Audience Analysis		
MCO 450 Visual Communication (HUAD)		
MCO 456 Political Communication (CIVI)		
MCO 460 Race, Gender, and Media (SOBE)		
MCO 465 Sports and Media		
MCO 470 Exploring the Business of Journalism		
MCO 473 Sex, Love, and Romance in the Mass Media		
MCO 484 Internship		
MCO 494 Topic: Advanced Media Entrepreneurship		
MCO 494 Topic: Data in Sports		

Requirement	Minimum Grade	Credit Hours
MCO 494 Topic: Media Products, Sales and Solutions		
MCO 494 Topic: The Evolution of TV		

Students may discuss additional Mass Communication Elective options with their academic advisor.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CS The ASU Experience	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.	
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.	

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sports Journalism, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Walter Cronkite School of Journalism and Mass Comm
Plan Code: CSSPJBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
JMC 101 Grammar for Journalists Students must earn grade of 80% or higher in JMC 101.	Y	1
JMC 102 Coding for Journalists	C	1
JMC 110 Principles and History of Journalism (HUAD)	C	3
JMC 115 Civility and Community at Cronkite	C	1
JMC 201 News Reporting and Writing	C	3
JMC 302 Sports Reporting	C	3
JMC 306 Sports Multimedia Journalism	C	3
JMC 367 Sports Media Ethics	C	3
JMC 402 Mass Communication Law	C	3
JMC 474 Advanced Issues in 21st-Century Sports and Media OR **JMC 310 Principles of Strategic Communications** Students interested in strategic communication emphasis should enroll in JMC 310; all others should enroll in JMC 474.	C	3

Requirement	Minimum Grade	Credit Hours
JMC 313 Introduction to Editing OR JMC 346 Sports Videography OR JMC 352 Sports Photojournalism OR JMC 448 Non-Narrative Video Storytelling	C	3
JMC 331 Television Sports Reporting OR JMC 430 Sports Marketing and Campaigns OR JMC 442 Sports and Culture Commentary OR JMC 494 Topic: Sports Depth Reporting	C	3
JMC 484 Internship	C	3
Upper Division Advanced Skills Courses	C	3

- JMC 320 Newscast Producing
- JMC 331 Television Sports Reporting
- JMC 333 Advanced Bilingual Broadcast Reporting
- JMC 352 Sports Photojournalism
- JMC 412 Opinion Writing
- JMC 413 Advanced Editing
- JMC 414 Digital Graphic Design
- JMC 415 Writing for Public Relations
- JMC 421 Advanced Digital Storytelling
- JMC 430 Sports Marketing and Campaigns
- JMC 434 Advanced Bilingual Reporting
- JMC 436 Public Relations Research

Requirement	Minimum Grade	Credit Hours
JMC 437 Documentary Production		
JMC 440 Magazine Writing		
JMC 441 Narrative Writing and Reporting.		
JMC 442 Sports and Culture Commentary		
JMC 448 Non-Narrative Video Storytelling		
JMC 451 Photojournalism II		
JMC 452 Visual Storytelling		
JMC 453 Reporting on Business and the Economy		
JMC 455 Digital Media Entrepreneurship		
JMC 457 Advanced Radio Reporting		
JMC 460 Advanced Online Media		
JMC 465 Telling Stories with Data		
JMC 470 Depth Reporting		
JMC 470 Depth Reporting		
JMC 475 Topic: Sports Video Production & Graphics Lab		
JMC 476 Topic: Sports Public Relations		
JMC 477 New Media Innovation and Entrepreneurship Lab		
JMC 478 Cronkite News Bureau		
JMC 479 Cronkite News: Washington Bureau		

Requirement	Minimum Grade	Credit Hours
JMC 480 Cronkite News: Phoenix Sports Bureau **JMC 481 Cronkite News: Los Angeles Sports Bureau** **JMC 483 Los Angeles Content Creation Studio** **JMC 486 Topic: Sports Digital Marketing** **JMC 487 Howard Center for Investigative Journalism** **JMC 494 Topic: Advanced Podcast Production** **JMC 494 Topic: Sustainability Short-Form Documentary**		
Students should select Advanced Skills courses in consultation with academic advisor.		
Upper Division Sports Capstone Course **JMC 475 Topic: Sports Video Production & Graphics Lab** **JMC 476 Topic: Sports Public Relations** **JMC 480 Cronkite News: Phoenix Sports Bureau** **JMC 481 Cronkite News: Los Angeles Sports Bureau** **JMC 483 Los Angeles Content Creation Studio** **JMC 486 Topic: Sports Digital Marketing** **JMC 487 Howard Center for Investigative Journalism**	C	3

Major Electives

Upper Division **MCO Elective**	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division **MCO Elective** OR Upper Division **JMC Elective**	C	6
Students may discuss additional major elective options with their academic advisor.		
Language Requirement: satisfied through completion of a language course at the intermediate level (202 or equivalent) or higher.		16

Related Area

Students select Related Area courses in consultation with their academic advisor.

Related Area	C	9
Upper Division Related Area	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CS The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Check: Minimum 2.5 ASU Cumulative GPA

Students interested in Accelerated Master's Degrees should consult with their academic advisor.

Students in the Accelerated Master's Program should meet with their academic advisor to discuss alternate courses that can apply to both the Bachelor's and Master's degree requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Actuarial Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAACTBS
Minimum credit hours: 120
Upper division minimum credit hours: 54

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Check: Minimum 3.00 Major GPA		
Major Core		
CIS 105 Computer Applications and Information Technology (QTRS) OR **CSE 110 Principles of Programming (QTRS)**	C	3
MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	B	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	B	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH)	B	3 - 4

Requirement	Minimum Grade	Credit Hours
OR MAT 267 Calculus for Engineers III (MATH)		
MAT 300 Mathematical Structures	C	3
MAT 343 Applied Linear Algebra OR MAT 342 Linear Algebra	B	3
ACT 201 Introduction to Elements and Techniques of Actuarial Science	C	3
ACT 301 Risk Management and Insurance (SOBE)	C	3
ACT 370 Software Tools for Business Analytics DAT 301 may be used in place of ACT 370	C	3
ACT 410 Mathematics of Finance	C	3
ACT 415 Probability for Risk Management STP 421 may be used in place of ACT 415	C	3
ACT 420 Ratemaking and Reserving	C	3
ACT 435 Statistics for Risk Modeling	C	3
ACT 440 Single Life Mortality AND ACT 450 Actuarial Models	C	6
ACT 441 Long-Term Actuarial Mathematics OR ACT 451 Short-Term Actuarial Mathematics The ACT 441 or ACT 451 requirement serves as a capstone experience and must be taken from the School of Mathematical and Statistical Sciences.	C	3
STP 420 Introductory Applied Statistics (QTRS)	B	3

Requirement	Minimum Grade	Credit Hours
STP 427 Mathematical Statistics The STP 427 requirement serves as a capstone experience and must be taken from the School of Mathematical and Statistical Sciences.	C	3

Upper Division Risk Management Courses

Upper Division Risk Management Courses

ACT 302 Fundamentals of Enterprise Risk Management **ACT 320 Property and Casualty Insurance** **ACT 330 Life and Health Insurance** **ACT 484 Internship** **ACT 490 Emerging Risks** **ACT 491 Actuarial Exam Preparation Seminar** **ACT 494 Topic: Communications for Business** **ACT 494 Topic: Organizational Behavior** **ACT 494 Topic: Report Writing**	C	6

Upper Division Advanced Courses

Upper Division Advanced Course List

ACT 430 Mathematics of Financial Derivatives **ACT 441 Long-Term Actuarial Mathematics**	C	6

Requirement	Minimum Grade	Credit Hours
ACT 451 Short-Term Actuarial Mathematics		
ACT 455 Quantitative Risk Management		
ACT 494 Topic: Machine Learning in Risk Management Applications		
ACT 494 Topic: Regression Modeling in Insurance		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

The object of the degree is to prepare students to sit for exams to gain certification as an actuary. One of the optional certifications that individuals may pursue is completion of the VEE requirements from the Society of Actuaries or the Casualty

Actuarial Society. This certification requires additional experience not covered in the maximum credits allowed for the degree. However, students may decide to include these additional courses in their 12 hours of elective credit. ASU courses that meet VEE requirements include: STP 427, ECN 211 (SOBE), ECN 212 and FIN 300.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - African and African American Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAAFRBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Major Core

AFR 200 Introduction to Africana Studies (GCSI)	C	3
AFR 300 Precolonial Africa (GCSI)	C	3
AFR 305 The Global History of the Trans-Atlantic Slave Trade (GCSI)	C	3
AFR 428 Critical Race Theory	C	3
AFR 498 Pro-Seminar	C	3

Major Electives

Requirement	Minimum Grade	Credit Hours
AFR Elective	C	3
Upper Division **AFR Elective**	C	12

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

AFR Related Area	C	3
AFR Elective		
AMS Elective		
APA Elective		
JUS Elective		
SST Elective		

WST Elective		
Upper Division AFR Related Area		
AFR Elective	C	12
AMS Elective		
APA Elective		
JUS Elective		
SST Elective		
WST Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - American Indian Studies, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAAISBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.

Major Core

AIS 180 Introduction to American Indian Studies (SOBE)	C	3
AIS 280 American Indian Sovereignty and the Courts (CIVI)	C	3
AIS 285 Federal Indian Policy (CIVI)	C	3
AIS 370 American Indian Languages and Cultures in the 21st Century (HUAD)	C	3
AIS 380 Contemporary Issues of American Indian Nations	C	3
AIS 420 American Indian Studies Research Methods	C	3
AIS 498 Pro-Seminar	C	3

Requirement	Minimum Grade	Credit Hours
JUS 302 Statistical Analysis for Justice Studies (QTRS)	C	3
Not all courses above are available every term. Students should consult the class schedule prior to each term to confirm course availability.		

AIS Electives

American Indian Study Electives: choose any combination of courses from the four categories in the lists below, so long as at least 12 hours are upper division. Students who wish to specialize in a focus area are strongly encouraged to complete at least 12 credits from that category. The four categories are Policy, Law & Governance; History, Culture & Philosophy; Languages, Literature & Film; Sustainability, Development & Social Justice.	C	
AIS Electives	C	6
Policy, Law, Governance Focus Area		
AIS 360 Issues in Urban Indian Country		
AIS 394 Special Topics		
AIS 445 Indigenous Leadership and Resilience (CIVI)		
AIS 470 Tribal Governance		
AIS 484 Internship		
AIS 494 Topic: Tribal Critical Race Theory		
History, Culture, Philosophy Focus Area		
AIS 294 Special Topics		

Requirement	Minimum Grade	Credit Hours
AIS 320 American Indian Philosophies and World Views (HUAD)		
AIS 381 American Indian Women		
AIS 480 Actualizing Decolonization		
AIS 494 Topic: Tribal Critical Race Theory		
IED 410 History American Indian Education		
Languages, Literature and Film Focus Area		
AIS 101 Beginning Navajo I		
AIS 102 Beginning Navajo II		
AIS 201 Intermediate Navajo I		
AIS 202 Intermediate Navajo II		
AIS 365 Indigenous Film and Television		
AIS 394 Special Topics		
AIS 494 Special Topics		
Sustainability, Development and Social Justice Focus Area		
AIS 375 Indigenous Sustainability and Environmental Justice		
AIS 394 Topic: Reservation Economic Development		
AIS 450 Indigenous Food Sovereignty		
AIS 480 Actualizing Decolonization		
AIS 484 Internship		

Requirement	Minimum Grade	Credit Hours
AIS 494 Topic: Tribal Critical Race Theory		
Upper Division AIS Electives	C	12
Policy, Law, Governance Focus Area		
AIS 360 Issues in Urban Indian Country		
AIS 394 Special Topics		
AIS 445 Indigenous Leadership and Resilience (CIVI)		
AIS 470 Tribal Governance		
AIS 484 Internship		
AIS 494 Topic: Tribal Critical Race Theory		
History, Culture, Philosophy Focus Area		
AIS 320 American Indian Philosophies and World Views (HUAD)		
AIS 381 American Indian Women		
AIS 480 Actualizing Decolonization		
AIS 494 Topic: Tribal Critical Race Theory		
IED 410 History American Indian Education		
Languages, Literature and Film Focus Area		
AIS 365 Indigenous Film and Television		
AIS 394 Special Topics		
AIS 494 Special Topics		

Requirement	Minimum Grade	Credit Hours
Sustainability, Development and Social Justice Focus Area		
AIS 375 Indigenous Sustainability and Environmental Justice		
AIS 394 Topic: Reservation Economic Development		
AIS 450 Indigenous Food Sovereignty		
AIS 480 Actualizing Decolonization		
AIS 484 Internship		
AIS 494 Topic: Tribal Critical Race Theory		

Not all courses on the course lists are available every term. Students should consult the class schedule prior to each term to confirm course availability.

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a "C" or better in the courses. Both Science and Society courses (i.e., all six credits) may count

towards any major, minor, related fields and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies

requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - American Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAAMRSTBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Major Core

AMS 201 Introduction to American Studies (HUAD)	C	3
APA 210 Introduction to Ethnic Studies in the U.S. (SOBE)	C	3
SST 301 Mixed Research Methods for American Communities	C	3
AFR 428 Critical Race Theory OR **AMS 380 Race, Gender, and Class (SOBE)** **or** **WST 380 Race, Gender, and Class (SOBE)**	C	3
Upper Division American Studies Capstone (choose one)	C	3
AMS 498 Pro-Seminar		

Requirement	Minimum Grade	Credit Hours
SST 484 Internship		
SST 493 Honors Thesis		
SST 499 Individualized Instruction		

Enrollment in a capstone experience requires prior approval. Please contact the School of Social Transformation Advising (sstadvising@asu.edu) for more information or visit https://sst.asu.edu/internships to explore internship options.

American Studies Track Electives

Diversity, Inequality, and Social Justice	C	3
AFR 317 Genes, Race and Society (SOBE)		
AFR 460 Race, Gender, and Media (SOBE)		
AIS 180 Introduction to American Indian Studies (SOBE)		
AIS 360 Issues in Urban Indian Country		
AMS 334 Class in America		
AMS 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 450 Latina/os, Schooling and Social Inequality (CIVI)		
APA 330 / **WST 331 Asian Pacific American Genders and Sexualities (SOBE)**		
APA 350 Inequality and Diversity in Education (CIVI)		

Requirement	Minimum Grade	Credit Hours
APA 360 Asian Pacific American Experience		
APA 450 Asian Pacific American Contemporary Issues		
JUS 437 The Social Construction of Disability and Justice (HUAD)		
WST 313 Women and Sexuality (SOBE)		
WST 340 Gender, Science, and Technology		
WST 413 Queer Studies		
Upper Division Diversity, Inequality, and Social Justice	C	3
AFR 317 Genes, Race and Society (SOBE)		
AFR 460 Race, Gender, and Media (SOBE)		
AIS 360 Issues in Urban Indian Country		
AMS 334 Class in America		
AMS 449 Hate Speech, Manifestos, and Radical Writings (CIVI)		
AMS 450 Latina/os, Schooling and Social Inequality (CIVI)		
APA 330 / WST 331 Asian Pacific American Genders and Sexualities (SOBE)		
APA 350 Inequality and Diversity in Education (CIVI)		
APA 360 Asian Pacific American Experience		
APA 450 Asian Pacific American Contemporary Issues		

Requirement	Minimum Grade	Credit Hours
JUS 437 The Social Construction of Disability and Justice (HUAD)		
WST 313 Women and Sexuality (SOBE)		
WST 340 Gender, Science, and Technology		
WST 413 Queer Studies		
Politics, Policies, and Social Movements	C	3
AFR 302 History of Black Women in America (HUAD)		
AFR 365 Unruly Voices: Black Women and Cultural Narratives (HUAD)		
AFR 465 Harlem Renaissance: a Cultural History: 1877-1945		
AIS 280 American Indian Sovereignty and the Courts (CIVI)		
AIS 285 Federal Indian Policy (CIVI)		
AMS 330 American Lives (HUAD)		
AMS 412 Studies in American Politics and Law		
AMS 417 Religious Traditions of the American Southwest		
AMS 428 Peoples and Cultures of the American West, to 1848		
JUS 235 Disability, Justice and Advocacy (CIVI)		
JUS 430 Social Protest, Conflict, and Change (CIVI)		

Requirement	Minimum Grade	Credit Hours
SST 294 Topic: Introduction to LGBTQ History and Culture		
TCL 340 Chicana/o and Latina/o Politics and Policy		
TCL 377 / JUS 377 Arizona, Immigration, Latinos and Politics		
WST 375 Women and Social Change		
WST 377 History of American Feminist Thought (HUAD)		
Upper Division Politics, Policies, and Social Movements	C	3
AFR 302 History of Black Women in America (HUAD)		
AFR 365 Unruly Voices: Black Women and Cultural Narratives (HUAD)		
AFR 465 Harlem Renaissance: a Cultural History: 1877-1945		
AMS 330 American Lives (HUAD)		
AMS 412 Studies in American Politics and Law		
AMS 417 Religious Traditions of the American Southwest		
AMS 428 Peoples and Cultures of the American West, to 1848		
JUS 430 Social Protest, Conflict, and Change (CIVI)		
TCL 340 Chicana/o and Latina/o Politics and Policy		

Requirement	Minimum Grade	Credit Hours
TCL 377 / JUS 377 Arizona, Immigration, Latinos and Politics		
WST 375 Women and Social Change		
WST 377 History of American Feminist Thought (HUAD)		
Upper Division U.S. Arts, Media, and Culture	C	6
AFR 351 Gender and Hip Hop		
AFR 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
AMS 326 Popular Culture		
AMS 336 The American Southwest in Literature and Film (HUAD)		
AMS 420 Theatre in America (HUAD)		
APA 310 Asian Pacific American Arts and Cultures		
APA 315 Asian Pacific American Literature		
APA 340 Asian Pacific Americans and Media		
APA 345 Asian Pacific Americans and Film		
TCL 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
TCL 471 Latinos In Hollywood (HUAD)		
WST 371 Sex and the City: Women, Sexuality, and Popular Culture (HUAD)		

Requirement	Minimum Grade	Credit Hours
WST 470 Gender and Popular Culture		
Other courses may be used with approval. Contact SST Advising: sstadvising@asu.edu.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as its prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Anthropology, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAASBBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Major Core		
ASB 102 Introduction to Cultural Anthropology (GCSI)	C	3
ASB 222 Buried Cities and Lost Tribes (HUAD) OR **ASB 223 Aztecs, Incas and Mayas (HUAD)**	C	3
ASM 104 Bones, Stones, and Human Evolution (SCIT)	C	4
Sociocultural Anthropology Course		
Upper Division Sociocultural Anthropology Course (choose one) **ASB 300 Food and Culture (SOBE)** **ASB 302 Ethnographic Field Study (GCSI)**	C	3

Requirement	Minimum Grade	Credit Hours
ASB 305 Poverty and Global Health (CIVI)		
ASB 310 / AFR 300 Precolonial Africa (GCSI)		
ASB 311 Principles of Social Anthropology (GCSI)		
ASB 316 Money and Culture		
ASB 319 The North American Indian		
ASB 322 / TCL 322 Peoples of Latin America (GCSI)		
ASB 325 Peoples of Southeast Asia		
ASB 327 Disaster! (SUST)		
ASB 336 / AFR 336 African Art		
ASB 339 / POS 339 / SBS 339 / SOC 339 Grassroots Social Movements		
ASB 340 / SOC 328 Migration and Culture (GCSI)		
ASB 342 / SBS 342 / SOC 342 Mexico-U.S. Borderlands		
ASB 343 / PUP 343 / SOS 343 / TCL 343 Latinas/os and the Environment		
ASB 344 / SOC 334 Technology and Society (SOBE)		
ASB 345 / JUS 343 / ROM 343 / SLC 343 Culture and Society Transformation (GCSI)		
ASB 346 Marriage and Family Diversity (SOBE)		
ASB 348 / ENG 348 / TCL 348 The Borders of Language (SOBE)		
ASB 350 Anthropology and Art (HUAD)		

Requirement	Minimum Grade	Credit Hours
ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)		
ASB 355 Traditional Medicine and Healing (HUAD)		
ASB 356 / GCU 356 / POS 354 / SBS 356 / SOC 356 Central American Studies		
ASB 357 Society, Drugs and Health (GCSI)		
ASB 358 / AFR 358 The Yoruba and the Atlantic World		
ASB 370 / SOS 370 Ethics of Eating (SUST)		
ASB 371 / HST 371 / SLC 371 / SPA 371 / TCL 371 Language Hegemony and Culture		
ASB 374 / POS 374 / SBS 374 / SOC 374 Cultures and Politics of the Internet		
ASB 375 / SOS 375 Humans and the Environment: What's the Connection?		
ASB 376 Global Health Policy		
ASB 378 / TCL 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		
ASB 380 Language, Culture and Gender (SOBE)		
ASB 383 / REL 383 Religion and Sports (HUAD)		
ASB 389 / SBS 389 / SOC 389 Ethnographic Field Lab		
ASB 395 Topics in Comparative Culture		
ASB 412 History of Anthropology		

Requirement	Minimum Grade	Credit Hours
ASB 417 Politics and Culture		
ASB 421 / SOC 421 Education and Society (SOBE)		
ASB 442 / SBS 460 Global Cities		
ASB 443 / SSH 403 Cross-Cultural Studies in Global Health (GCSI)		
ASB 447 / POS 447 / SBS 447 Citizenship, Nationalism and Identity (CIVI)		
ASB 452 / SSH 402 Community Partnerships for Global Health (GCSI)		
ASB 455 Practicum for Social Sciences		
ASB 457 Global Mental Health (GCSI)		
ASB 462 Medical Anthropology: Culture and Health (SOBE)		
ASB 463 / SOS 463 / TCL 443 Political Ecology of the Border		
ASB 464 / TCL 444 The Ethnography of Mexico and the Borderlands		
ASB 466 / AFR 466 Peoples and Cultures of Africa		
ASB 494 Topic: Narrative & Science Engagement		
ASB 494 Topic: Ethnic Disparities and Health		
ASB 494 Topic: Ethnography of Schooling in the Borderlands		
ASB 494 Topic: Facing Immigration		

Requirement	Minimum Grade	Credit Hours
ASB 494 Topic: Health: Social and Biocultural Theories		
ASB 494 Topic: Monitoring, Evaluation, and Learning		
ASB 494 Topic: Qualitative Data Analysis		
ASB 494 Topic: Research Design for Global Health		
ASB 494 / BIO 494 Topic: One Health		
ASM 414 Urban, Environmental and Health Challenges (SUST)		

Archaeology Course

Upper Division Archaeology Course (choose one)	C	3
ASB 301 Global History of Health (HUAD)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
ASB 330 Understanding Archaeology (SOBE)		
ASB 333 Frauds, Myths and Mysteries (HUAD)		
ASB 335 Ancient Ruins of the Southwest (SOBE)		
ASB 337 Pyramids and Hieroglyphs: Life in Ancient Mesoamerica (GCSI)		
ASB 338 Archaeology of North America (SOBE)		
ASB 361 Human Cultural Beginnings (SOBE)		
ASB 362 People and Plants		

Requirement	Minimum Grade	Credit Hours
ASB 366 / AFR 366 African Archaeology: Precolonial Urban Culture		
ASB 368 Hunter-Gatherers (SOBE)		
ASB 490 Earliest Cities		
ASM 338 Topic: Bioarchaeology and the Human Skeleton		
ASM 338 Topic: Field Archaeology & Geophysical Testing		
ASM 350 Geoarchaeology		
ASM 365 Doing Archaeology		
ASM 450 Bioarchaeology (GCSI)		
ASM 494 Topic: Archaeoinformatic Methods for Fieldwork		
ASM 494 Topic: Nubian Bioarchaeology		

Physical/Evolutionary Anthropology Course

Upper Division Physical/Evolutionary Anthropology Course (choose one)	C	3
ASB 301 Global History of Health (HUAD)		
ASB 368 Hunter-Gatherers (SOBE)		
ASB 408 / BIO 408 Advanced Evolutionary Medicine		
ASB 448 / BIO 448 Maternal and Child Health		

Requirement	Minimum Grade	Credit Hours
ASB 494 Topic: Applied Epidemiology		
ASB 494 Topic: Reproductive Ecology		
ASM 301 Peopling of the World (SOBE)		
ASM 310 War and Peace: The Evolution of Conflict and Cooperation		
ASM 313 Great Adaptations		
ASM 332 Life and Death in Ancient Egypt		
ASM 338 Topic: Bioarchaeology and the Human Skeleton		
ASM 341 Human Osteology		
ASM 342 / BIO 327 Evolution of Human Behavior		
ASM 344 Fossil Hominins		
ASM 345 Disease and Human Evolution		
ASM 394 Topic: Evolution and Medicine Visiting Speaker Recitation		
ASM 401 Health and Human Biology		
ASM 403 / BIO 403 Evolutionary Medicine and Global Health		
ASM 443 Primatology		
ASM 446 / BIO 446 Principles of Human Genetics		
ASM 450 Bioarchaeology (GCSI)		
ASM 452 Dental Anthropology		

Requirement	Minimum Grade	Credit Hours
ASM 456 Infectious Disease and Human Evolution		
ASM 459 Forensic Anthropology		
ASM 460 Human Growth and Development: An Evolutionary Perspective		
ASM 466 The Evolution of Preindustrial Technology		
ASM 494 Topic: Evolution and Mental Disorders		
ASM 494 Topic: Models in Social Evolution		
ASM 494 Topic: Social Complexity		

Anthropology Electives

Upper Division **ASB Elective** **OR** Upper Division **ASM Elective** **OR** Upper Division **SSH Elective**	C	6

Anthropology Practicum

Upper Division Anthropology Practicum (choose one)	C	3
ASB 302 Ethnographic Field Study (GCSI)		
ASB 373 Applying Anthropology (SOBE)		
ASB 389 / **SBS 389** / **SOC 389 Ethnographic Field Lab**		
ASB 443 / **SSH 403 Cross-Cultural Studies in Global Health (GCSI)**		

Requirement	Minimum Grade	Credit Hours
ASB 452 / SSH 402 Community Partnerships for Global Health (GCSI)		
ASB 455 Practicum for Social Sciences		
ASB 484 Internship		
ASB 494 Topic: Monitoring, Evaluation, and Learning		
ASB 494 Topic: Qualitative Data Analysis		
ASB 494 Topic: Research Design for Global Health		
ASB 499 Individualized Instruction		
ASM 338 Anthropological Field Session		
ASM 341 Human Osteology		
ASM 344 Fossil Hominins		
ASM 365 Doing Archaeology		
ASM 414 Urban, Environmental and Health Challenges (SUST)		
ASM 443 Primatology		
ASM 452 Dental Anthropology		

Statistics

Statistics (choose one)	C	3
ASB 394 Topic: Statistics for Social Scientists		

Requirement	Minimum Grade	Credit Hours
ASM 463 A Practical Guide to Bayesian Data Analysis (QTRS)		
ASM 465 Quantification and Analysis for Anthropologists		
PSY 230 Introduction to Statistics (QTRS)		
SOC 390 Social Statistics I (QTRS)		
STP 226 Elements of Statistics (QTRS)		
STP 231 Statistics for Life Science (QTRS)		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.	C	
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go

to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Anthropology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAASBBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Major Core

ASB 102 Introduction to Cultural Anthropology (GCSI)	C	3
ASB 222 Buried Cities and Lost Tribes (HUAD) OR **ASB 223 Aztecs, Incas and Mayas (HUAD)**	C	3
ASM 104 Bones, Stones, and Human Evolution (SCIT)	C	4

Anthropological Sciences Seminar

ASM 300 Anthropological Sciences Seminar	C	3

Anthropology Electives

Requirement	Minimum Grade	Credit Hours
Upper Division **ASM Elective**	C	12
Upper Division Anthropology Upper Division Electives		
Upper Division AML Elective		
Upper Division ASB Elective		
Upper Division ASM Elective		
Upper Division BCH Elective		
Upper Division BIO Elective	C	6
Upper Division CHM Elective		
Upper Division GPH Elective		
Upper Division NTR Elective		
Upper Division SSH Elective		
Anthropology Elective	C	6
AML Elective		
ASB Elective		
ASM Elective		
SSH Elective		
Upper Division BCH Elective		
Upper Division BIO Elective		
Upper Division CHM Elective		

Requirement	Minimum Grade	Credit Hours
Upper Division GPH Elective		
Upper Division NTR Elective		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 251 Calculus for Life Sciences (MATH)** OR **MAT 265 Calculus for Engineers I (MATH)** OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3
Upper Division Statistics (choose one)	C	3

ASB 394 Topic: Statistics for Social Scientists

ASM 463 A Practical Guide to Bayesian Data Analysis (QTRS)

ASM 465 Quantification and Analysis for Anthropologists

BIO 415 Statistical Models for Biology (QTRS)

SOC 390 Social Statistics I (QTRS)

STP 420 Introductory Applied Statistics (QTRS)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Asian Languages (Chinese), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LACHIBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
CHI 301 Third-Year Chinese I	C	5
CHI 302 Third-Year Chinese II	C	5
CHI 307 Introduction to Literary Chinese I	C	3
CHI 401 Fourth-Year Chinese I	C	3
CHI 402 Fourth-Year Chinese II	C	3
Upper Division Chinese Electives	C	6
ARS 472 Art of China (HUAD)		
ARS 475 Chinese Painting		
CHI 308 Introduction to Literary Chinese II		

Requirement	Minimum Grade	Credit Hours
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
CHI 336 Interpreting China's Classics		
CHI 338 Daode Jing: Way to the West		
CHI 343 Daoism (HUAD)		
CHI 348 Pathways into Chinese Culture		
CHI 380 The Chinese Language		
CHI 394 Topic: How to Become Emperor		
CHI 394 Topic: Labor & the Environment in Chinese Writing		
CHI 401 Fourth-Year Chinese I		
CHI 407 Chinese for Academic and Professional Purposes I		
CHI 408 Chinese for Academic and Professional Purposes II		
CHI 434 Buddhist Poetry (GCSI)		
CHI 470 Modern Chinese Literature and Culture		
CHI 482 History of the Chinese Language		
CHI 494 Special Topics		
HST 384 Modern China: 1700 to the Present		

Requirement	Minimum Grade	Credit Hours
REL 345 Asian Religious Traditions		
Chinese Electives	C	6
ARS 201 Art of Asia (GCSI)		
ARS 472 Art of China (HUAD)		
ARS 475 Chinese Painting		
CHI 120 Introduction to Chinese Culture (HUAD)		
CHI 294 Topic: Chinese Ghost Stories		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
CHI 336 Interpreting China's Classics		
CHI 338 Daode Jing: Way to the West		
CHI 343 Daoism (HUAD)		
CHI 348 Pathways into Chinese Culture		
CHI 380 The Chinese Language		
CHI 394 Topic: How to Become Emperor		
CHI 394 Topic: Labor & the Environment in Chinese Writing		
CHI 401 Fourth-Year Chinese I		

Requirement	Minimum Grade	Credit Hours
CHI 407 Chinese for Academic and Professional Purposes I		
CHI 408 Chinese for Academic and Professional Purposes II		
CHI 434 Buddhist Poetry (GCSI)		
CHI 470 Modern Chinese Literature and Culture		
CHI 482 History of the Chinese Language		
CHI 494 Special Topics		
HST 384 Modern China: 1700 to the Present		
REL 345 Asian Religious Traditions		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Chinese (CHI) courses.	C	20

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Asian Languages (Chinese), BA - Chinese Flagship

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LACHIBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
CHI 301 Third-Year Chinese I	C	5
CHI 302 Third-Year Chinese II	C	5
CHI 307 Introduction to Literary Chinese I OR **CHI 308 Introduction to Literary Chinese II**	C	3
CHI 348 Pathways into Chinese Culture	C	3
CHI 380 The Chinese Language	C	3
CHI 401 Fourth-Year Chinese I	C	3
CHI 402 Fourth-Year Chinese II	C	3

Requirement	Minimum Grade	Credit Hours
CHI 407 Chinese for Academic and Professional Purposes I	C	3
CHI 408 Chinese for Academic and Professional Purposes II	C	3
CHI 470 Modern Chinese Literature and Culture	C	3
Upper Division Chinese Literature and Linguistics Courses CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD) CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation CHI 336 Interpreting China's Classics CHI 338 Daode Jing: Way to the West CHI 451 Chinese Cultural History I CHI 452 Chinese Cultural History II	C	3

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Chinese (CHI) courses.	C	20

Additional Requirements

Upper Division China Related Content Courses **ARS 472 Art of China (HUAD)** **CHI 307 Introduction to Literary Chinese I** **CHI 308 Introduction to Literary Chinese II** **CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)** **CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation** **CHI 336 Interpreting China's Classics** **CHI 338 Daode Jing: Way to the West** **CHI 343 / REL 343 Daoism (HUAD)** **CHI 394 Topic: How to Become Emperor** **CHI 394 Topic: Labor & the Environment in Chinese Writing** **CHI 451 Chinese Cultural History I**	C	3

CHI 452 Chinese Cultural History II		
CHI 482 History of the Chinese Language		
HST 384 Modern China: 1700 to the Present		
REL 345 Asian Religious Traditions		
REL 351 Buddhism (GCSI)		
SLC 484 Internship		
SLC 498 Pro-Seminar		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Asian Languages (Japanese), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAJPNBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
JPN 301 Third-Year Japanese I	C	3
JPN 302 Third-Year Japanese II	C	3
JPN 333 Japanese Civilization from the Ice Age to Last Thursday	C	3
JPN 401 Reading Modern Japanese Texts (GCSI)	C	3
JPN 414 Introduction to Classical Japanese	C	3
SLC 421 Japanese Literature in Translation	C	3
400-Level Japanese Electives	C	3
JPN 415 Advanced Classical Japanese		
JPN 430 Buddhist Meditation in East Asia		

Requirement	Minimum Grade	Credit Hours
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 484 Internship		
JPN 485 Japanese Literature and the Art of Translation		
JPN 493 Honors Thesis		
JPN 494 Special Topics		
JPN 499 Individualized Instruction		
Upper Division JPN Restricted Electives	C	6
JPN 309 Japanese Oral Communication I		
JPN 310 Japanese Oral Communication II		
JPN 311 Japanese Composition I		
JPN 354 Zen and Japanese Culture		
JPN 355 Religious Practice of People in Modern Japan (GCSI)		
JPN 394 Special Topics		
JPN 415 Advanced Classical Japanese		
JPN 430 Buddhist Meditation in East Asia		
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 485 Japanese Literature and the Art of Translation		
JPN 492 Honors Directed Study		

Requirement	Minimum Grade	Credit Hours
JPN 493 Honors Thesis		
JPN 494 Special Topics		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Japanese (JPN) courses.	C	20

Additional Requirements

Related Area Courses	C	3

ARS 472 Art of China (HUAD)

ARS 473 Art of Japan (HUAD)

ARS 475 Chinese Painting

CHI 120 Introduction to Chinese Culture (HUAD)

CHI 333 China

CHI 336 Interpreting China's Classics

CHI 338 Daode Jing: Way to the West

CHI 343 Daoism (HUAD)

CHI 345 Chinese Film and Civilization

CHI 451 Chinese Cultural History I

CHI 452 Chinese Cultural History II

GCU 326 Geography of Asia

GCU 432 Geography of China

HST 387 Japan

KOR 250 Korean Culture and Society

KOR 321 Modern Korean Literature

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences	1

OR **ASU 101-LA The ASU Experience**			
Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.			
First-Year Composition			
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq	
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr	
Mathematics Placement Assessment score determines placement in first mathematics course.	
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.	
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing	

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Asian Pacific American Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAAPABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Major Core		
APA 200 Introduction to Asian Pacific American Studies (SOBE)	C	3
APA 360 Asian Pacific American Experience	C	3
APA 450 Asian Pacific American Contemporary Issues	C	3
SST 484 Internship SST 484 Internship requires department approval prior to registration. Visit https://sst.asu.edu/internships to get started.	C	3
SST 499 Individualized Instruction SST 499 Individualized Instruction is a capstone research project determined in consultation with faculty advisor and	C	3

Requirement	Minimum Grade	Credit Hours
requires departmental approval to enroll. Contact sstadvising@asu.edu for more information.		

Major Electives

APA Elective	C	3
Upper Division **APA Elective**	C	12

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as its prerequisite.	C	16

Additional Requirements

APA Related Area	C	6
AFR Elective		
AMS Elective		
APA Elective		

JUS Elective		
SST Elective		
WST Elective		
Upper Division APA Related Area		
AFR Elective		
AMS Elective		
APA Elective	C	9
JUS Elective		
SST Elective		
WST Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Astronomical and Planetary Sciences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAASTPLSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
AST 111 Introduction to Solar Systems Astronomy (SCIT)	C	4
AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)	C	4
AST 301 Physics of Astrophysics	C	3
AST 321 Stellar and Planetary Astrophysics	C	3
AST 322 Introduction to Galactic and Extragalactic Astrophysics	C	3
SES 106 Habitable Worlds (SCIT)	C	4
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
SES 376 Communicating Astronomical and Planetary Sciences I	C	3
SES 377 Communicating Astronomical and Planetary Sciences II	C	3
Astronomical and Planetary Sciences Major Electives	C	9 - 12

- BIO 181 General Biology I (SCIT)
- BIO 182 General Biology II (SCIT)
- BIO 340 General Genetics
- BIO 345 Evolution
- CHM 113 General Chemistry I (SCIT)
- CHM 114 General Chemistry for Engineers (SCIT)
- CHM 116 General Chemistry II (SCIT)
- DAT 300 Mathematical Tools for Data Science
- DAT 301 Exploring Data in R and Python
- GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** GLG 103 Introduction to Geology I: Laboratory (SCIT)
- GLG 108 Water Planet (SCIT)
- MAT 266 Calculus for Engineers II (MATH)
- MAT 267 Calculus for Engineers III (MATH)
- MAT 275 Modern Differential Equations (MATH)

Requirement	Minimum Grade	Credit Hours
MAT 343 Applied Linear Algebra		
MCO 307 The Digital Audience		
MCO 335 Social Media Foundations		
MCO 425 Digital Media Literacy I		
PHI 314 Philosophy of Science (HUAD)		
PHY 201 Mathematical Methods in Physics I (MATH)		
PHY 121 University Physics I: Mechanics (SCIT) **AND** PHY 122 University Physics Laboratory I (SCIT)		
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** PHY 132 University Physics Laboratory II (SCIT)		
PHY 241 University Physics III		
PHY 302 Mathematical Methods in Physics II		
PHY 310 Classical Particles, Fields, and Matter I		
PHY 311 Classical Particles, Fields, and Matter II		
PHY 314 Quantum Physics I		
PHY 315 Quantum Physics II		
PHY 334 Advanced Laboratory I		
PHY 361 Introductory Modern Physics		
PHY 412 Classical Particles, Fields, and Matter III		
PHY 441 Statistical and Thermal Physics		

Requirement	Minimum Grade	Credit Hours
SES 107 A Solar System Journey (SCIT)		
SES 141 Energy In Everyday Life (SCIT)		
SES 225 Global Biogeochemical Cycles		
SES 421 Foundations of Planetary Science		
STP 226 Elements of Statistics (QTRS)		
TWC 401 Fundamentals of Technical Communication		
TWC 446 Technical and Scientific Reports		
Upper Division Astronomical and Planetary Sciences Major Electives	C	6 - 7
BIO 340 General Genetics		
BIO 345 Evolution		
DAT 300 Mathematical Tools for Data Science		
DAT 301 Exploring Data in R and Python		
MAT 343 Applied Linear Algebra		
MCO 307 The Digital Audience		
MCO 335 Social Media Foundations		
MCO 425 Digital Media Literacy I		
PHI 314 Philosophy of Science (HUAD)		
PHY 302 Mathematical Methods in Physics II		
PHY 310 Classical Particles, Fields, and Matter I		

Requirement	Minimum Grade	Credit Hours
PHY 311 Classical Particles, Fields, and Matter II		
PHY 314 Quantum Physics I		
PHY 315 Quantum Physics II		
PHY 334 Advanced Laboratory I		
PHY 361 Introductory Modern Physics		
PHY 412 Classical Particles, Fields, and Matter III		
PHY 441 Statistical and Thermal Physics		
SES 421 Foundations of Planetary Science		
TWC 401 Fundamentals of Technical Communication		
TWC 446 Technical and Scientific Reports		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

MAT 210 Brief Calculus (MATH) OR **MAT 265 Calculus for Engineers I (MATH)** Additional math prerequisites may be needed.	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biochemistry, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LABCHBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.	C	
CHM 117 General Chemistry for Majors I (SCIT) **AND** **CHM 111 General Chemistry Laboratory for Majors I (SCIT)** **OR** **CHM 113 General Chemistry I (SCIT)** CHM 117 and CHM 111 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4
CHM 118 General Chemistry for Majors II (SCIT) **AND** **CHM 112 General Chemistry Laboratory for Majors II (SCIT)** **OR** **CHM 116 General Chemistry II (SCIT)** CHM 118 and CHM 112 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4

Requirement	Minimum Grade	Credit Hours
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I**	C	4
CHM 234 General Organic Chemistry II **AND** **CHM 238 General Organic Chemistry Laboratory II**	C	4
CHM 325 Analytical Chemistry **OR** **CHM 302 Environmental Chemistry**	C	3
BCH 341 Physical Chemistry with a Biological Focus	C	3
BCH 461 General Biochemistry	C	3
BCH 462 General Biochemistry	C	3
BCH 467 Analytical Biochemistry Laboratory	C	3
Upper Division **BCH Elective** **OR** Upper Division **CHM Elective** Upper Division BCH or CHM Electives cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, BCH 373, CHM 341, or CHM 460.	C	6

The School of Molecular Sciences online degree programs may require the purchase of additional scientific materials to complete laboratory courses. Online students in this degree program are required to travel to Tempe campus to complete compressed in-person laboratory courses in CHM 237, CHM 238 and BCH 467.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies

Requirement	Minimum Grade	Credit Hours
depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.		
Not all courses listed above are available to online students. Consult class schedule.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 312 Bioethics (HUAD) OR **BIO 316 History of Biology: Conflicts and Controversies (HUAD)** OR **BIO 317 History of Science II (HUAD)** OR **BIO 318 History of Medicine (HUAD)**	C	3
MAT 251 Calculus for Life Sciences (MATH)	C	3

PHY 101 Introduction to Physics (SCIT) Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term.	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biochemistry, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABCHBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
CHM 117 General Chemistry for Majors I (SCIT) **AND** **CHM 111 General Chemistry Laboratory for Majors I (SCIT)** **OR** **CHM 113 General Chemistry I (SCIT)** CHM 117 and CHM 111 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4
CHM 118 General Chemistry for Majors II (SCIT) **AND** **CHM 112 General Chemistry Laboratory for Majors II (SCIT)** **OR** **CHM 116 General Chemistry II (SCIT)** CHM 118 and CHM 112 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4

Requirement	Minimum Grade	Credit Hours
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I**	C	4
CHM 234 General Organic Chemistry II **AND** **CHM 238 General Organic Chemistry Laboratory II**	C	4
BCH 240 Quantitative Reasoning in Biochemistry	C	3
BCH 341 Physical Chemistry with a Biological Focus	C	3
BCH 461 General Biochemistry	C	3
BCH 462 General Biochemistry	C	3
BCH 463 Biophysical Chemistry	C	3
BCH 467 Analytical Biochemistry Laboratory	C	3
Upper Division **BCH Elective** **OR** Upper Division **CHM Elective** Upper Division BCH or CHM Electives cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, BCH 373, CHM 341, or CHM 460.	C	3

The School of Molecular Sciences online degree programs may require the purchase of additional scientific materials to complete laboratory courses. Online students in this degree program are required to travel to Tempe campus to complete compressed in-person laboratory courses in CHM 237, CHM 238 and BCH 467.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The

Requirement	Minimum Grade	Credit Hours
amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.		
Not all courses listed above are available to online students. Consult class schedule.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4

MAT 251 Calculus for Life Sciences (MATH)	C	3
PHY 111 General Physics (SCIT) **AND** PHY 113 General Physics Laboratory (SCIT)	C	4
PHY 112 General Physics (SCIT) **AND** PHY 114 General Physics Laboratory (SCIT)	C	4
Advanced Biology Electives	C	3

- BIO 201 Human Anatomy and Physiology I (SCIT)
- BIO 202 Human Anatomy and Physiology II (SCIT)
- BIO 302 Cancer--Mother of All Diseases
- BIO 325 Oceanography
- BIO 340 General Genetics
- BIO 351 Developmental Biology
- BIO 353 Cell Biology
- BIO 360 Animal Physiology
- BIO 440 Functional Genomics
- BIO 446 Principles of Human Genetics
- BIO 450 Advanced Developmental Biology
- BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
- BIO 465 Neurophysiology
- MBB 343 Genetic Engineering and Society
- MBB 350 Applied Genetics

MIC 205 Microbiology (SCIT)

MIC 206 Microbiology Laboratory (SCIT)

MIC 220 Biology of Microorganisms

MIC 360 Bacterial Physiology

MIC 379 Medical Bacteriology

MIC 461 Geomicrobiology

Upper Division BCH or CHM Elective cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, BCH 373, CHM 341, CHM 460, or CHM 480.

Upper Division Advanced Biology Electives	C	3

BIO 302 Cancer--Mother of All Diseases

BIO 325 Oceanography

BIO 340 General Genetics

BIO 351 Developmental Biology

BIO 353 Cell Biology

BIO 360 Animal Physiology

BIO 440 Functional Genomics

BIO 446 Principles of Human Genetics

BIO 450 Advanced Developmental Biology

BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 465 Neurophysiology

MBB 343 Genetic Engineering and Society

MBB 350 Applied Genetics

MIC 360 Bacterial Physiology

MIC 379 Medical Bacteriology

MIC 461 Geomicrobiology

Upper Division BCH or CHM Elective cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, BCH 373, CHM 341, CHM 460, or CHM 480.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biochemistry (Medicinal Chemistry), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABCHMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
CHM 117 General Chemistry for Majors I (SCIT) **AND** **CHM 111 General Chemistry Laboratory for Majors I (SCIT)** **OR** **CHM 113 General Chemistry I (SCIT)** CHM 117 and CHM 111 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4
CHM 118 General Chemistry for Majors II (SCIT) **AND** **CHM 112 General Chemistry Laboratory for Majors II (SCIT)** **OR** **CHM 116 General Chemistry II (SCIT)** CHM 118 and CHM 112 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4

Requirement	Minimum Grade	Credit Hours
BCH 240 Quantitative Reasoning in Biochemistry	C	3
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I**	C	4
CHM 234 General Organic Chemistry II **AND** **CHM 238 General Organic Chemistry Laboratory II**	C	4
CHM 433 Bioorganic Chemistry	C	3
CHM 435 Medicinal Chemistry	C	3
BCH 461 General Biochemistry	C	3
BCH 341 Physical Chemistry with a Biological Focus	C	3
BCH 462 General Biochemistry	C	3
BCH 463 Biophysical Chemistry	C	3
BCH 467 Analytical Biochemistry Laboratory	C	3
Upper Division **BCH Elective** **OR** Upper Division **CHM Elective** Upper Division BCH or CHM Electives cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, BCH 373, CHM 341, or CHM 460.	C	3

The School of Molecular Sciences online degree programs may require purchase of additional scientific materials to complete laboratory courses. Online students in this degree program are required to travel to Tempe campus to complete compressed in-person laboratory courses in CHM 237, CHM 238 and BCH 467.

Requirement	Minimum Grade	Credit Hours
These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.		
Not all courses listed above are available to online students. Consult class schedule.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 353 Cell Biology	C	3
MAT 251 Calculus for Life Sciences (MATH)	C	3
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in an on-campus degree enroll in LIA 101. Students enrolled in an ASU Online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biological Sciences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABSCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Major Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
BIO 345 Evolution	C	3

Additional Major Requirement Courses

Take one course from each category below.

Upper Division Ethics, History, and Philosophy of Science	C	3

Requirement	Minimum Grade	Credit Hours
BIO 311 / HPS 340 Biology and Society		
BIO 312 / PHI 320 Bioethics (HUAD)		
BIO 318 / HPS 331 History of Medicine (HUAD)		
BIO 416 / HPS 410 Biomedical Research Ethics (CIVI)		
HPS 314 / PHI 314 Philosophy of Science (HUAD)		
Upper Division Ecology, Conservation Biology, and Evolution		
BIO 320 Fundamentals of Ecology		
BIO 322 Conservation of Biodiversity (SUST)		
BIO 421 Landscape Ecology	C	3
BIO 422 Ecosystem Ecology		
BIO 423 Population and Community Ecology		
Microbiology, Molecular and Cellular Biology	C	3
BCH 361 Advanced Principles of Biochemistry		
BIO 343 / MBB 343 Genetic Engineering and Society		
BIO 351 Developmental Biology		
BIO 353 Cell Biology		
BIO 420 / MIC 420 Immunology: Molecular and Cellular Foundations		
BIO 440 Functional Genomics		

Requirement	Minimum Grade	Credit Hours
MIC 220 Biology of Microorganisms AND MIC 206 Microbiology Laboratory (SCIT)		
Upper Division Organismal Biology		
BIO 308 Plant Physiology BIO 331 Animal Behavior BIO 360 Animal Physiology BIO 370 Vertebrate Zoology BIO 461 Comparative Animal Physiology BIO 462 Endocrine Physiology BIO 467 Neurobiology	C	3
Upper Division All Additional Major Requirement Courses	C	3
BCH 361 Advanced Principles of Biochemistry BIO 308 Plant Physiology BIO 311 / HPS 340 Biology and Society BIO 312 / PHI 320 Bioethics (HUAD) BIO 318 / HPS 331 History of Medicine (HUAD) BIO 320 Fundamentals of Ecology BIO 322 Conservation of Biodiversity (SUST) BIO 331 Animal Behavior		

Requirement	Minimum Grade	Credit Hours
BIO 343 / MBB 343 Genetic Engineering and Society		
BIO 351 Developmental Biology		
BIO 353 Cell Biology		
BIO 360 Animal Physiology		
BIO 370 Vertebrate Zoology		
BIO 416 / HPS 410 Biomedical Research Ethics (CIVI)		
BIO 420 / MIC 420 Immunology: Molecular and Cellular Foundations		
BIO 421 Landscape Ecology		
BIO 422 Ecosystem Ecology		
BIO 423 Population and Community Ecology		
BIO 440 Functional Genomics		
BIO 461 Comparative Animal Physiology		
BIO 462 Endocrine Physiology		
HPS 314 / PHI 314 Philosophy of Science (HUAD)		

Major Laboratory/Research Courses

Major Lab/Research Courses	C	1 - 4
BCH 367 Elementary Biochemistry Laboratory		
BIO 303 Plant Diversity and Evolution		

Requirement	Minimum Grade	Credit Hours
BIO 308 Plant Physiology		
BIO 321 Introductory Ecology Laboratory		
BIO 342 General Genetics Laboratory		
BIO 343 / MBB 343 Genetic Engineering and Society		
BIO 352 Laboratory in Vertebrate Developmental Anatomy		
BIO 354 Cell Biology Laboratory		
BIO 357 Cell and Molecular Biology Laboratory		
BIO 361 Animal Physiology Laboratory		
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 386 General Entomology		
BIO 390 Medical/Dental Field Placement or BIO 484 / MIC 484 Internship		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 435 Research Techniques in Animal Behavior		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
BIO 471 Ornithology		
BIO 474 Herpetology		
BIO 475 Advanced Human Anatomy		

Requirement	Minimum Grade	Credit Hours
BIO 492 / MBB 492 / MIC 492 Honors Directed Study		
BIO 495 / MBB 495 / MIC 495 Undergraduate Research		
MBB 350 Applied Genetics		
MIC 220 Biology of Microorganisms AND MIC 206 Microbiology Laboratory (SCIT)		
MIC 302 Advanced Bacteriology Laboratory		
MIC 421 Experimental Immunology		
Upper Division Major Lab/Research Courses	C	1 - 4
BCH 367 Elementary Biochemistry Laboratory		
BIO 303 Plant Diversity and Evolution		
BIO 308 Plant Physiology		
BIO 321 Introductory Ecology Laboratory		
BIO 342 General Genetics Laboratory		
BIO 343 / MBB 343 Genetic Engineering and Society		
BIO 352 Laboratory in Vertebrate Developmental Anatomy		
BIO 354 Cell Biology Laboratory		
BIO 357 Cell and Molecular Biology Laboratory		
BIO 361 Animal Physiology Laboratory		
BIO 370 Vertebrate Zoology		

Requirement	Minimum Grade	Credit Hours
BIO 385 Comparative Invertebrate Zoology		
BIO 386 General Entomology		
BIO 390 Medical/Dental Field Placement or **BIO 484 / MIC 484 Internship**		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 435 Research Techniques in Animal Behavior		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
BIO 471 Ornithology		
BIO 474 Herpetology		
BIO 475 Advanced Human Anatomy		
BIO 492 / MBB 492 / MIC 492 Honors Directed Study		
BIO 495 / MBB 495 / MIC 495 Undergraduate Research		
MBB 350 Applied Genetics		
MIC 302 Advanced Bacteriology Laboratory		
MIC 421 Experimental Immunology		

Major Electives Courses

Upper Division Major Electives	C	6
BCH 361 Advanced Principles of Biochemistry		
Upper Division BIO Elective		

Requirement	Minimum Grade	Credit Hours
Upper Division HPS Elective		
Upper Division MBB Elective		
Upper Division MIC Elective		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)**	C	4

ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe Campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term. Pre-health students may need CHM 233 & 237 and CHM 234 & 238, not CHM 231 & 235. Please see advisor for more details.		
MAT 251 Calculus for Life Sciences (MATH)	C	3
PHY 101 Introduction to Physics (SCIT) Pre-health students may need PHY 111 & 113 and PHY 112 & 114, not PHY 101. Please see advisor for more details.	C	4
STP 231 Statistics for Life Science (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biological Sciences (Biology and Society), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABSCSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Core Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
BIO 345 Evolution	C	3

Concentration Requirements

BIO 311 Biology and Society	C	3
OR **HPS 340 Biology and Society**		

Requirement	Minimum Grade	Credit Hours
BIO 311 or HPS 340 will fulfill the upper division Science and Society Elective.		
Students must take one course from each category below.		
Upper Division Bioethics Course		
BIO 312 Bioethics (HUAD) **BIO 416 / HPS 410 Biomedical Research Ethics (CIVI)**	C	3
Upper Division History of Science Course		
BIO 316 / HPS 330 History of Biology: Conflicts and Controversies (HUAD) **BIO 317 / HPS 323 History of Science II (HUAD)** **BIO 318 / HPS 331 History of Medicine (HUAD)** **HPS 322 History of Science I**	C	3
Upper Division Philosophy of Science Course		
BIO 452 / HPS 452 Philosophy of Biology and Medicine **HPS 314 / PHI 314 Philosophy of Science (HUAD)**	C	3
Upper Division Science in Global Society Course		
BIO 302 Cancer--Mother of All Diseases **BIO 304 / ENV 302 Plants and Civilization** **MIC 314 / SSH 314 HIV/AIDS: Science, Behavior, and Society**	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Environmental Ethics, Conservation and Society Course		
BIO 322 Conservation of Biodiversity (SUST)	C	3
BIO 324 Environmental Ethics (SUST)		
BIO 412 Conservation in Practice		

Major Biological Sciences Electives

Upper Division Major Biological Sciences Electives		
BCH 361 Advanced Principles of Biochemistry	C	12
Upper Division BIO Elective		
Upper Division HPS Elective		
Upper Division MBB Elective		
Upper Division MIC Elective		

484 and 495 courses are limited to 3 hours in this area

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division

and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3
STP 231 Statistics for Life Science (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biological Sciences (Biomedical Sciences), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABSCMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Core Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics OR **MBB 347 Molecular Genetics: From Genes to Proteins** On-campus students are encouraged to take MBB 347	C	4
BIO 345 Evolution	C	3

Requirement	Minimum Grade	Credit Hours
Required Concentration Courses		
BIO 312 Bioethics (HUAD) OR **BIO 416 Biomedical Research Ethics (CIVI)** or **HPS 410 Biomedical Research Ethics (CIVI)** BIO 312, BIO 416, or HPS 410 will fulfill the upper division Science and Society Elective.	C	3
BIO 353 Cell Biology	C	3
BIO 360 Animal Physiology	C	3
Concentration Elective Courses		
BIO 351 Developmental Biology OR **BIO 420 Immunology: Molecular and Cellular Foundations** OR **BIO 440 Functional Genomics** OR **BIO 462 Endocrine Physiology** OR **BIO 467 Neurobiology**	C	6
Must take one course from each category below. At least one course must be a laboratory course.		
Upper Division Biomedical Research Course **BIO 342 General Genetics Laboratory** **BIO 343** / **MBB 343 Genetic Engineering and Society** **BIO 352 Laboratory in Vertebrate Developmental Anatomy** **BIO 354 Cell Biology Laboratory**	C	3

Requirement	Minimum Grade	Credit Hours
BIO 355 / MAT 355 / MBB 355 Introduction to Computational Molecular Biology		
BIO 357 Cell and Molecular Biology Laboratory		
BIO 361 Animal Physiology Laboratory		
BIO 370 Vertebrate Zoology		
BIO 390 Medical/Dental Field Placement **or** BIO 484 / MIC 484 Internship		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 435 Research Techniques in Animal Behavior		
BIO 439 Computing for Research		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
BIO 475 Advanced Human Anatomy		
BIO 492 / MBB 492 / MIC 492 Honors Directed Study		
BIO 495 / MBB 495 / MIC 495 Undergraduate Research		
BMI 465 Comparative Genomics		
MBB 446 / MIC 446 Techniques in Molecular Biology/Genetics Lab		
MIC 421 Experimental Immunology		
Upper Division Medicine in Society Courses	C	3
Some upper-division Medicine in Society courses require lower-division prerequisites, which may be taken to fulfill		

Requirement	Minimum Grade	Credit Hours
general elective credit hours.		
ASB 301 / SSH 301 Global History of Health (HUAD)		
ASB 443 / SSH 403 Cross-Cultural Studies in Global Health (GCSI)		
ASB 452 / SSH 402 Community Partnerships for Global Health (GCSI)		
ASB 462 Medical Anthropology: Culture and Health (SOBE)		
ASM 345 Disease and Human Evolution		
ASM 401 Health and Human Biology		
ASM 403 / BIO 403 Evolutionary Medicine and Global Health		
ASM 414 Urban, Environmental and Health Challenges (SUST)		
BIO 302 Cancer--Mother of All Diseases		
BIO 382 Spanish for Biomedical Sciences		
BIO 394 Topic: Healing Traditions of Latino-America		
BIO 408 Advanced Evolutionary Medicine		
BIO 494 Topic: Introduction To Clinical Healthcare		
BIO 318 / HPS 331 History of Medicine (HUAD)		
MIC 314 / SSH 314 HIV/AIDS: Science, Behavior, and Society		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3

Additional Requirements

BCH 361 Advanced Principles of Biochemistry AND BCH 367 Elementary Biochemistry Laboratory	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT) ASU Online students complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe Campus during a one-week session in summer. Lab reports are completed in later weeks during the same summer term. Pre-health students may need CHM 233 & CHM 237 and CHM 234 & 238, not CHM 231 and CHM 235. See academic advisor for more information.	C	4

MAT 251 Calculus for Life Sciences (MATH)	C	3
PHY 101 Introduction to Physics (SCIT) Pre-health students may need PHY 111 & 113 and PHY 112 & 114, not PHY 101. See academic advisor for more information.	C	4
STP 231 Statistics for Life Science (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

In-Person Labs Required

In order to complete the requirements of this program, some laboratory courses are completed in-person at the Tempe Campus. These laboratory courses are offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid at https://tuition.asu.edu.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biological Sciences (Conservation Biology and Ecology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABSCCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Major Core Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics	C	4
BIO 345 Evolution	C	3

Major Concentration Courses

BIO 320 Fundamentals of Ecology	C	3

Requirement	Minimum Grade	Credit Hours
BIO 322 Conservation of Biodiversity (SUST) BIO 322 will fulfill the upper division Science and Society Elective.	C	3
Upper Division Advanced Ecology Course **BIO 331 Animal Behavior** **BIO 421** / **SOS 421 Landscape Ecology** **BIO 422 Ecosystem Ecology** **BIO 423 Population and Community Ecology** **BIO 425 Marine Conservation Ecology** **SOS 326 Sustainable Ecosystems**	C	3
Upper Division Advanced Ecology, Biodiversity, Field, or Research Course **ABS 376 Wildlife Ecology** **ABS 380 Restoration and Wildlife Plants** **ABS 470 Life History of Mammals** **ABS 476 Large Mammal Habitat Ecology** **ABS 481 Riparian and Wetland Restoration** **ASM 443 Primatology** **BIO 303 Plant Diversity and Evolution** **BIO 313 The Flora of Arizona** **BIO 325 Oceanography**	C	3 - 4

Requirement	Minimum Grade	Credit Hours
BIO 331 Animal Behavior		
BIO 370 Vertebrate Zoology		
BIO 385 Comparative Invertebrate Zoology		
BIO 386 General Entomology		
BIO 405 Sonoran Desert Field Botany		
BIO 410 Techniques in Conservation Biology and Ecology		
BIO 419 Physiological Plant Ecology		
BIO 421 Landscape Ecology		
BIO 430 / GPH 422 Plant Geography		
BIO 436 Sociobiology and Behavioral Ecology		
BIO 461 Comparative Animal Physiology		
BIO 492 Honors Directed Study		
BIO 495 Undergraduate Research		
SOS 424 Dynamic Modeling in Social and Ecological Systems		
Upper Division Advanced Human Dimensions of Conservation and Ecology Course	C	3 - 4
BIO 304 / ENV 302 Plants and Civilization		
BIO 324 / PHI 310 Environmental Ethics (SUST)		
BIO 412 Conservation in Practice		

Requirement	Minimum Grade	Credit Hours
BIO 494 Topic: Society and Natural Resource Management		
JUS 444 / FIS 444 Environment and Justice		
PRM 370 Public Lands Management		
PRM 380 Wilderness and Parks in America (SUST)		
SOS 349 / REL 349 / JST 349 Nature, Sustainability and Religion (SUST)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 325 The Economics of Sustainability		
Upper Division Conservation Biology and Ecology Field Methods Course	C	3 - 4
BIO 386 General Entomology		
BIO 405 Sonoran Desert Field Botany		
BIO 407 Novel Ecosystems		
BIO 410 Techniques in Conservation Biology and Ecology		
BIO 472 Mammalogy		
BIO 484 Internship		
BIO 494 Topic: Discovering Biodiversity		

Requirement	Minimum Grade	Credit Hours
BIO 494 Topic: Lichenology		
Upper Division Human Dimensions of Conservation and Ecology Course		
BIO 304 / ENV 302 Plants and Civilization		
BIO 324 / PHI 310 Environmental Ethics (SUST)		
BIO 363 From Cells to Society: Understanding Complexity		
BIO 412 Conservation in Practice		
JUS 444 / FIS 444 Environment and Justice	C	3
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 325 The Economics of Sustainability		
SOS 349 / REL 349 / JST 349 Nature, Sustainability and Religion (SUST)		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-

society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3
STP 231 Statistics for Life Science (QTRS)	C	3
Physical Science Requirement	C	3

CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)**

GIS 205 Geographic Information Science I (QTRS)

GIS 211 Geographic Information Science II (QTRS)

GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **GLG 103 Introduction to Geology I: Laboratory (SCIT)**

GLG 327 Earth's Critical Zone

GPH 111 Introduction to Physical Geography (SCIT)

PHY 101 Introduction to Physics (SCIT) **or** **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)**

Pre-health students may need PHY 111 &113 and PHY 112 & 114, not PHY 101. Please see advisor for more details.

Quantitative and Spatial Analysis Course		
BIO 411 Quantitative Methods in Conservation and Ecology	C	3
BIO 415 Statistical Models for Biology (QTRS)		
GIS 311 Geographic Information Science III (QTRS)		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GIS 471 Spatial Statistics for Geography and Planning		
GIS 494 Topic: GIS for Climate Change Science		
GIS 494 Topic: GIS Methods for Non-Majors		
SOS 212 Systems, Dynamics and Sustainability (QTRS)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biological Sciences (Genetics, Cell and Developmental Biology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABSCGBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Major Core Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics OR **MBB 347 Molecular Genetics: From Genes to Proteins** On-campus students are encouraged to take MBB 347	C	4
BIO 345 Evolution	C	3

Requirement	Minimum Grade	Credit Hours
Major Concentration Courses		
BCH 361 Advanced Principles of Biochemistry	C	3
BIO 351 Developmental Biology	C	3
BIO 353 Cell Biology	C	3
Additional Major Concentration Courses		
BIO 308 Plant Physiology OR BIO 360 Animal Physiology OR BIO 420 Immunology: Molecular and Cellular Foundations or MIC 420 Immunology: Molecular and Cellular Foundations OR BIO 440 Functional Genomics or MBB 440 Functional Genomics	C	6
Major Laboratory/Research Course	C	1 - 4
BCH 367 Elementary Biochemistry Laboratory		
BIO 308 Plant Physiology		
BIO 342 General Genetics Laboratory		
BIO 352 Laboratory in Vertebrate Developmental Anatomy		
BIO 354 Cell Biology Laboratory		
BIO 357 Cell and Molecular Biology Laboratory		
BIO 361 Animal Physiology Laboratory		

Requirement	Minimum Grade	Credit Hours
BIO 390 Medical/Dental Field Placement or BIO 484 / MIC 484 Internship		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 439 Computing for Research		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
BIO 475 Advanced Human Anatomy		
BIO 492 / MBB 492 / MIC 492 Honors Directed Study		
MBB 343 / BIO 343 Genetic Engineering and Society		
MBB 350 Applied Genetics		
MIC 220 Biology of Microorganisms AND MIC 206 Microbiology Laboratory (SCIT)		
MIC 302 Advanced Bacteriology Laboratory		
MIC 421 Experimental Immunology		
Upper Division Major Laboratory/Research Course	C	1 - 4
BCH 367 Elementary Biochemistry Laboratory		
BIO 308 Plant Physiology		
BIO 342 General Genetics Laboratory		
BIO 352 Laboratory in Vertebrate Developmental Anatomy		
BIO 354 Cell Biology Laboratory		

Requirement	Minimum Grade	Credit Hours
BIO 357 Cell and Molecular Biology Laboratory		
BIO 361 Animal Physiology Laboratory		
BIO 390 Medical/Dental Field Placement or **BIO 484 / MIC 484 Internship**		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 439 Computing for Research		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
BIO 475 Advanced Human Anatomy		
BIO 492 / MBB 492 / MIC 492 Honors Directed Study		
MBB 343 / BIO 343 Genetic Engineering and Society		
MBB 350 Applied Genetics		
MIC 302 Advanced Bacteriology Laboratory		
MIC 421 Experimental Immunology		
Upper Division Major Electives		
BCH 367 Elementary Biochemistry Laboratory		
Upper Division BIO Elective	C	5
Upper Division HPS Elective		
Upper Division MBB Elective		
Upper Division MIC Elective		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** ASU Online students complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe Campus during a one-week session in summer. Lab reports are completed in later weeks during the same summer term. Pre-health students may need CHM 233 & 237 and CHM 234 & 238, not CHM 231 & 235. Please see advisor for more details.	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3

PHY 101 Introduction to Physics (SCIT) Pre-health students may need PHY 111 & PHY 113 and PHY 112 & 114, not PHY 101. Please see advisor for more details.	C	4
STP 231 Statistics for Life Science (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.	
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.	

In-Person Labs Required

In order to complete the requirements of this program, some laboratory courses are completed in-person at the Tempe Campus. These laboratory courses are offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid at https://tuition.asu.edu.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biological Sciences (Neurobiology, Physiology and Behavior), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABSCABS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Core Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 340 General Genetics OR **MBB 347 Molecular Genetics: From Genes to Proteins**	C	4

MBB 347 Molecular Genetics provides students with a deeper understanding of the specific genetic mechanisms and molecular processes that are directly relevant to microbiology. Students gain experience using molecular genetics tools and

Requirement	Minimum Grade	Credit Hours
techniques, which are essential skills for careers in medical microbiology, biotechnology, and environmental microbiology.		
BIO 345 Evolution	C	3

Major Concentration Courses

BCH 361 Advanced Principles of Biochemistry	C	3
BIO 331 Animal Behavior	C	3
BIO 360 Animal Physiology	C	3
BIO 436 Sociobiology and Behavioral Ecology OR **BIO 461 Comparative Animal Physiology** OR **BIO 462 Endocrine Physiology** OR **BIO 467 Neurobiology** OR **MIC 420 Immunology: Molecular and Cellular Foundations** or **BIO 420 Immunology: Molecular and Cellular Foundations**	C	6
Upper Division Major Laboratory/Research Course **BCH 367 Elementary Biochemistry Laboratory** **BIO 308 Plant Physiology** **BIO 342 General Genetics Laboratory** **BIO 343** / **MBB 343 Genetic Engineering and Society** **BIO 352 Laboratory in Vertebrate Developmental Anatomy** **BIO 354 Cell Biology Laboratory** or **BIO 357 Cell and**	C	1 - 4

Requirement	Minimum Grade	Credit Hours
Molecular Biology Laboratory		
BIO 355 / **MAT 355** / **MBB 355 Introduction to Computational Molecular Biology**		
BIO 361 Animal Physiology Laboratory		
BIO 370 Vertebrate Zoology		
BIO 390 Medical/Dental Field Placement **or** **BIO 484** / **MIC 484 Internship**		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 435 Research Techniques in Animal Behavior		
BIO 439 Computing for Research		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
BIO 475 Advanced Human Anatomy		
BIO 492 / **MBB 492** / **MIC 492 Honors Directed Study**		
BIO 495 / **MBB 495** / **MIC 495 Undergraduate Research**		
MBB 446 / **MIC 446 Techniques in Molecular Biology/Genetics Lab**		
MIC 421 Experimental Immunology		
Upper Division Major Comparative Structure and Function Course	C	3 - 4
BIO 351 Developmental Biology		
BIO 370 Vertebrate Zoology		

Requirement	Minimum Grade	Credit Hours
BIO 385 Comparative Invertebrate Zoology		
BIO 386 General Entomology		
BIO 461 Comparative Animal Physiology		
Upper Division Major Electives		
BMI 465 Comparative Genomics		
PSY 470 Psychopharmacology		
Upper Division BIO Elective	C	6
Upper Division BMI Elective		
Upper Division MBB Elective		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3

Upper Division Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** ASU Online students complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe Campus during a one-week session in summer. Lab reports are completed in later weeks during the same summer term. Pre-health students may need CHM 233 & 237 and CHM 234 & 238, not CHM 231 & 235. Please see advisor for more details.	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3
PHY 101 Introduction to Physics (SCIT) Pre-health students may need PHY 111 & 113 and PHY 112 & 114, not PHY 101. Please see advisor for more details.	C	4
STP 231 Statistics for Life Science (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences**	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

In-Person Labs Required

In order to complete the requirements of this program, some laboratory courses are completed in-person at the Tempe Campus. These laboratory courses are offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual

factors. Learn more about summer financial aid at https://tuition.asu.edu.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Biophysics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABIPHBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.		
Major Core		
PHY 150 Physics I (SCIT) OR **PHY 121 University Physics I: Mechanics (SCIT)** AND **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 151 Physics II (SCIT) OR **PHY 131 University Physics II: Electricity and Magnetism (SCIT)** AND **PHY 132 University Physics Laboratory II (SCIT)**	C	4
PHY 201 Mathematical Methods in Physics I (MATH)	C	3
PHY 252 Physics III (SCIT) OR **PHY 241 University Physics III** AND **PHY 202**	C	4

Requirement	Minimum Grade	Credit Hours
Programming for Physicists		
BIO 312 Bioethics (HUAD) Biophysics students will take BIO 312 as part of their major. BIO 312 satisfies the upper-division science and society requirement.	C	3
BIO 360 Animal Physiology OR **BIO 353 Cell Biology**	C	3
CHM 345 Physical Chemistry I OR **PHY 314 Quantum Physics I** CHM 345 is recommended for students enrolled in a campus immersion degree.	C	3
CHM 346 Physical Chemistry II OR **CHM 341 Elementary Physical Chemistry** If PHY 314 is completed students must enroll in CHM 341.	C	3
PHY 312 Mechanics and Electromagnetism	C	3
PHY 371 Driving Forces in Biology	C	3
PHY 472 Advanced Biophysics Lab (QTRS)	C	3
PHY 473 From Molecules to Cells	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must

complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a "C" or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields and ASU General Studies requirements.

Science and Society Elective	C	3

Additional Requirements

MAT 265 Calculus for Engineers I (MATH)	C	3
MAT 266 Calculus for Engineers II (MATH)	C	3
MAT 267 Calculus for Engineers III (MATH)	C	3
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
CHM 117 General Chemistry for Majors I (SCIT) **AND** **CHM 111 General Chemistry Laboratory for Majors I (SCIT)** OR **CHM 113 General Chemistry I (SCIT)**	C	4
CHM 118 General Chemistry for Majors II (SCIT) **AND** **CHM 112 General Chemistry Laboratory for Majors II (SCIT)** OR **CHM 116 General Chemistry II (SCIT)**	C	4
CHM 233 General Organic Chemistry I	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Electives: PHY 191 is recommended for students enrolled in a campus immersion degree.

Students enrolled in a campus immersion degree can explore research opportunities at https://physics.asu.edu/undergradresearch.

Students enrolled in an online degree can explore the Online Undergraduate Research Scholars program at https://ours.thecollege.asu.edu/.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Chemistry, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LACHMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
CHM 117 General Chemistry for Majors I (SCIT) AND CHM 111 General Chemistry Laboratory for Majors I (SCIT) OR **CHM 113 General Chemistry I (SCIT)** CHM 117 and CHM 111 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4
CHM 118 General Chemistry for Majors II (SCIT) AND CHM 112 General Chemistry Laboratory for Majors II (SCIT) OR **CHM 116 General Chemistry II (SCIT)** CHM 118 and CHM 112 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4

Requirement	Minimum Grade	Credit Hours
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II	C	4
CHM 325 Analytical Chemistry	C	3
CHM 326 Advanced Analytical Chemistry Laboratory	C	1
CHM 341 Elementary Physical Chemistry	C	3
CHM 343 Elementary Physical Chemistry Laboratory	C	1
CHM 453 Inorganic Chemistry	C	3
Upper Division **CHM Elective** **OR** Upper Division **BCH Elective** Upper Division BCH or CHM Electives cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, BCH 373, CHM 341, or CHM 460.	C	3

The School of Molecular Sciences online degree programs may require purchase of additional scientific materials to complete laboratory courses. Online students in this degree program are required to travel to Tempe campus to complete compressed in-person laboratory courses in CHM 237, CHM 238 and CHM 326.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual

Requirement	Minimum Grade	Credit Hours
factors. Learn more about summer financial aid and additional ways to cover summer costs.		
Not all courses listed above are available to online students. Consult class schedule.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Chemistry, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LACHMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Several courses in this degree program are only offered once per academic year. See academic advising for course planning.		
CHM 117 General Chemistry for Majors I (SCIT) AND CHM 111 General Chemistry Laboratory for Majors I (SCIT) OR **CHM 113 General Chemistry I (SCIT)** CHM 117 and CHM 111 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4
CHM 118 General Chemistry for Majors II (SCIT) AND CHM 112 General Chemistry Laboratory for Majors II (SCIT) OR **CHM 116 General Chemistry II (SCIT)** CHM 118 and CHM 112 are general chemistry courses created specifically for students in the Biochemistry or Chemistry	C	4

Requirement	Minimum Grade	Credit Hours
majors. Students are strongly encouraged to select these course options.		
CHM 240 Mathematical Methods in Chemistry (QTRS)	C	3
CHM 325 Analytical Chemistry **AND** **CHM 326 Advanced Analytical Chemistry Laboratory**	C	4
CHM 327 Instrumental Analysis **AND** **CHM 328 Instrumental Analysis Laboratory**	C	5
CHM 333 Organic Chemistry for Majors I **AND** **CHM 337 Organic Chemistry Laboratory for Majors I**	C	4
CHM 334 Organic Chemistry for Majors II **AND** **CHM 338 Organic Chemistry Laboratory for Majors II**	C	4
CHM 345 Physical Chemistry I **AND** **CHM 348 Physical Chemistry Laboratory I**	C	4
CHM 346 Physical Chemistry II **AND** **CHM 349 Physical Chemistry Laboratory II**	C	4
CHM 452 Inorganic Chemistry Laboratory	C	1
CHM 453 Inorganic Chemistry	C	3
CHM 460 Biological Chemistry	C	3
Upper Division **CHM Elective** **OR** Upper Division **BCH Elective** Upper Division BCH or CHM Electives cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, BCH 373, CHM 341, or CHM 460.	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II**	C	4

(SCIT)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in an on-campus degree enroll in LIA 101. Students enrolled in an ASU Online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Chemistry (Environmental Chemistry), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LACHMEBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Several courses in this degree program are only offered once per academic year. See academic advising for course planning.		
BCH 361 Advanced Principles of Biochemistry AND BCH 367 Elementary Biochemistry Laboratory	C	4
CHM 117 General Chemistry for Majors I (SCIT) AND CHM 111 General Chemistry Laboratory for Majors I (SCIT) **OR** **CHM 113 General Chemistry I (SCIT)** CHM 117 and CHM 111 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.	C	4
CHM 118 General Chemistry for Majors II (SCIT) AND CHM 112 General Chemistry Laboratory for Majors II (SCIT)	C	4

Requirement	Minimum Grade	Credit Hours
OR **CHM 116 General Chemistry II (SCIT)** CHM 118 and CHM 112 are general chemistry courses created specifically for students in the Biochemistry or Chemistry majors. Students are strongly encouraged to select these course options.		
CHM 240 Mathematical Methods in Chemistry (QTRS)	C	3
CHM 302 Environmental Chemistry	C	3
CHM 303 Environmental Chemistry Laboratory	C	2
CHM 325 Analytical Chemistry **AND** **CHM 326 Advanced Analytical Chemistry Laboratory**	C	4
CHM 333 Organic Chemistry for Majors I **AND** **CHM 337 Organic Chemistry Laboratory for Majors I**	C	4
CHM 334 Organic Chemistry for Majors II **AND** **CHM 338 Organic Chemistry Laboratory for Majors II**	C	4
CHM 345 Physical Chemistry I **AND** **CHM 348 Physical Chemistry Laboratory I**	C	4
CHM 481 Geochemistry	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found

at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

GLG 321 Mineralogy GLG 321 offered in spring term only.	C	3
MAT 270 Calculus with Analytic Geometry I (MATH) **OR** **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) **OR** **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) **OR** **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Civic and Economic Thought and Leadership, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LACELBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Core Courses

CEL 101 Introduction to Civic Thought and Leadership	C	2
CEL 110 Civic Thought and Leadership in Action	C	1
CEL 200 Great Debates in American Politics (AMIT)	C	3
CEL 306 Justice and Virtue: Classical Political Thought	C	3
CEL 308 Liberty and Equality: Early Modern Political Thought (CIVI)	C	3
CEL 352 Debating Capitalism (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
CEL 475 Statesmanship and American Grand Strategy (HUAD)	C	3
CEL 484 Internship	C	3
CEL 485 Capstone Seminar in Civic and Economic Thought and Leadership	C	3

American Political Thought

Upper Division American Political Thought

CEL 331 Debating American Constitutionalism: The Founding	C	3
CEL 334 Tocqueville's Democracy in America		
CEL 335 Lincoln: Rhetoric, Thought, Statesmanship (HUAD)		
CEL 394 Topic: Civil-Military Relations in America		
CEL 394 Topic: Debates in American Civic and Public Affairs		
CEL 394 Topic: Liberalism and Conservatism in America		
CEL 394 Topic: Race and the American Story		
CEL 494 Topic: Arizona Politics & Constitution		
CEL 494 Topic: The American Constitution I		
CEL 494 Topic: The American Constitution II: Civil Liberties		

Requirement	Minimum Grade	Credit Hours
Economic Thought and Political Economy		
Upper Division Economic Thought and Political Economy		
CEL 345 Modern Economic Classics		
CEL 350 Philosophy, Politics and Economics (SOBE)		
CEL 351 Classical to Modern Economic Thought		
CEL 352 Debating Capitalism (SOBE)	C	3
CEL 394 Topic: Debating Socialism		
CEL 394 Topic: The American Political Economy		
CEL 494 Topic: Adam Smith and Classical Political Economy		
Leadership and Statesmanship for the 21st Century		
Upper Division Leadership and Statesmanship for the 21st Century	C	3
CEL 371 Classical Political Statecraft		
CEL 390 Leading a Life of Meaning: Liberal Learning and You (HUAD)		
CEL 394 Topic: US National Security Issues		
CEL 394 Topic: Law and Culture of War		
CEL 394 Topic: Civil-Military Relations in America		
CEL 394 Topic: Left and Right Around the World		

Requirement	Minimum Grade	Credit Hours
CEL 394 Topic: Sports and Leadership		
CEL 394 Topic: Leadership and Service: Israel & the West Bank		
CEL 394 Topic: War&Culture Cntrl Europe: Empire or Lib Democracy		
CEL 394 Topic: Russian Political Thought from Peter I to Putin		
CEL 395 Leadership and Service Global Intensive Experience: India		
CEL 481 Debating Globalism and Nationalism, Past and Present		
CEL 494 Topic: Just War		
CEL 494 Topic: National Security Policy Design		

CEL Electives

Upper Division **CEL Elective**	C	6
CEL Elective	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH)	C	3

Recommended: **MAT 114**

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

Upper Division Related Area Electives

Upper Division AFR Elective	C	6
Upper Division COM Elective		
Upper Division ECN Elective		
Upper Division HON Elective		
Upper Division HST Elective		
Upper Division JUS Elective		
Upper Division PHI Elective		
Upper Division POS Elective		
Upper Division SGS Elective		
Upper Division SOS Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go

to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Civic and Economic Thought and Leadership, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LACETLBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Core Courses

CEL 101 Introduction to Civic Thought and Leadership	C	2
CEL 110 Civic Thought and Leadership in Action	C	1
CEL 200 Great Debates in American Politics (AMIT)	C	3
CEL 306 Justice and Virtue: Classical Political Thought	C	3
CEL 308 Liberty and Equality: Early Modern Political Thought (CIVI)	C	3
CEL 352 Debating Capitalism (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
CEL 475 Statesmanship and American Grand Strategy (HUAD)	C	3
CEL 484 Internship	C	3
CEL 485 Capstone Seminar in Civic and Economic Thought and Leadership	C	3
POS 301 Empirical Political Inquiry (SOBE) or SGS 305 Empirical Political Inquiry (SOBE)	C	3
POS 401 Political Statistics (QTRS) or SGS 401 Political Statistics (QTRS)	C	3

American Political Thought

Upper Division American Political Thought	C	3

- CEL 331 Debating American Constitutionalism: The Founding
- CEL 334 Tocqueville's Democracy in America
- CEL 335 Lincoln: Rhetoric, Thought, Statesmanship (HUAD)
- CEL 394 Topic: Civil-Military Relations in America
- CEL 394 Topic: Debates in American Civic and Public Affairs
- CEL 394 Topic: Liberalism and Conservatism in America
- CEL 394 Topic: Race and the American Story

Requirement	Minimum Grade	Credit Hours
CEL 494 Topic: Arizona Politics & Constitution		
CEL 494 Topic: The American Constitution I		
CEL 494 Topic: The American Constitution II: Civil Liberties		

Economic Thought and Political Economy

Upper Division Economic Thought and Political Economy

CEL 345 Modern Economic Classics		
CEL 350 Philosophy, Politics and Economics (SOBE)		
CEL 351 Classical to Modern Economic Thought		
CEL 352 Debating Capitalism (SOBE)		
CEL 394 Topic: Debating Socialism	C	3
CEL 394 Topic: The American Political Economy		
CEL 494 Topic: Adam Smith and Classical Political Economy		
CEL 394 Topic: Debating Socialism		

Leadership and Statesmanship for the 21st Century

Upper Division Leadership and Statesmanship for the 21st Century

CEL 371 Classical Political Statecraft	C	3

Requirement	Minimum Grade	Credit Hours
CEL 390 Leading a Life of Meaning: Liberal Learning and You (HUAD)		
CEL 394 Topic: Civil-Military Relations in America		
CEL 394 Topic: Law and Culture of War		
CEL 394 Topic: Leadership and Service: Israel & the West Bank		
CEL 394 Topic: Left and Right Around the World		
CEL 394 Topic: Russian Political Thought from Peter I to Putin		
CEL 394 Topic: Sports and Leadership		
CEL 394 Topic: US National Security Issues		
CEL 394 Topic: War&Culture Cntrl Europe: Empire or Lib Democracy		
CEL 395 Leadership and Service Global Intensive Experience: India		
CEL 481 Debating Globalism and Nationalism, Past and Present		
CEL 494 Topic: Just War		
CEL 494 Topic: National Security Policy Design		

CEL Elective

CEL Elective	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

Upper Division Related Area Electives	C	6
Upper Division AFR Elective		
Upper Division COM Elective		
Upper Division ECN Elective		
Upper Division HON Elective		
Upper Division HST Elective		
Upper Division JUS Elective		

Upper Division PHI Elective		
Upper Division POS Elective		
Upper Division SGS Elective		
Upper Division SOS Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Communication, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LACOMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Major Core

COM 100 Introduction to Human Communication (SOBE)	C	3
COM 207 Critical Thinking and Writing in Communication	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
COM 308 Communication Research Strategies	C	3

Career Competencies

Communication in Society and Across Cultures	C	3
COM 263 Communication Across Cultures and Global		

Requirement	Minimum Grade	Credit Hours
Engagement (GCSI)		
COM 316 Gender and Communication (SOBE)		
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 394 Topic: Communication, Culture, and New Media Technologies		
COM 403 Intercultural Business Communication (CIVI)		
COM 421 Rhetoric of Social Issues		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
Interpersonal Communication		
COM 110 Elements of Interpersonal Communication (SOBE)		
COM 310 Communication in Interpersonal Relationships (SOBE)	C	3
COM 394 Topic: Technology and Communication in Relationships		
COM 452 Communication and the Art of Happiness		
Teamwork, Collaboration, and Leadership	C	3
COM 230 Teamwork and Collaboration (SOBE)		
COM 250 Communication and the Workplace (SOBE)		
COM 312 Communication, Conflict, and Negotiation		

Requirement	Minimum Grade	Credit Hours
(CIVI)		
COM 327 Civil Communication		
Upper Division Communication in Society and Across Cultures		
COM 316 Gender and Communication (SOBE)	C	3
COM 323 Communication Approaches to Popular Culture (SOBE)		
COM 394 Topic: Communication, Culture, and New Media Technologies		
COM 403 Intercultural Business Communication (CIVI)		
COM 421 Rhetoric of Social Issues		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
Upper Division Specialized Knowledge and Skills	C	3
COM 317 Nonverbal Communication (SOBE)		
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 321 Rhetorical Theory and Research		
COM 325 Advanced Public Speaking and Presentations (CIVI)		
COM 408 Quantitative Data Analysis in Communication		

Requirement	Minimum Grade	Credit Hours
COM 410 Advanced Interpersonal Communication (SOBE)		
COM 411 Communication in the Family (SOBE)		
COM 414 Crisis Communication		
COM 426 Political Communication		
COM 442 Identity, Performance, and Human Communication		
COM 450 Organizational Communication (SOBE)		
COM 453 Communication Training and Development		

Career Management

COM 201 Career Explorations in Communication	C	1
COM 301 Computer Applications for Careers in Communication	C	1
COM 401 Career Preparation and Self Development in Communication	C	1

Capstone

COM 407 Qualitative Data Analysis in Communication	C	3

Major Electives

Upper Division COM Elective	C	6

Requirement	Minimum Grade	Credit Hours
400-Level **COM Elective**	C	6
A maximum of six credits of COM 484 may apply to major electives.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Communication, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LACOMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Major Core

COM 100 Introduction to Human Communication (SOBE)	C	3
COM 207 Critical Thinking and Writing in Communication	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
COM 308 Communication Research Strategies	C	3

Career Competencies

Teamwork, Collaboration, and Leadership	C	3
COM 230 Teamwork and Collaboration (SOBE)		

Requirement	Minimum Grade	Credit Hours
COM 250 Communication and the Workplace (SOBE)		
COM 312 Communication, Conflict, and Negotiation (CIVI)		
COM 327 Civil Communication		
Global/Intercultural Fluency		
COM 263 Communication Across Cultures and Global Engagement (GCSI)		
COM 394 Topic: Communication, Culture, and New Media Technologies	C	3
COM 403 Intercultural Business Communication (CIVI)		
COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)		
Interpersonal Communication		
COM 110 Elements of Interpersonal Communication (SOBE)		
COM 310 Communication in Interpersonal Relationships (SOBE)	C	3
COM 394 Topic: Technology and Communication in Relationships		
COM 452 Communication and the Art of Happiness		
Upper Division Specialized Knowledge and Skills	C	6
COM 317 Nonverbal Communication (SOBE)		

Requirement	Minimum Grade	Credit Hours
COM 319 Persuasion and Social Influence (CIVI)		
COM 320 Communication and Consumerism		
COM 321 Rhetorical Theory and Research		
COM 325 Advanced Public Speaking and Presentations (CIVI)		
COM 407 Qualitative Data Analysis in Communication		
COM 410 Advanced Interpersonal Communication (SOBE)		
COM 411 Communication in the Family (SOBE)		
COM 414 Crisis Communication		
COM 421 Rhetoric of Social Issues		
COM 426 Political Communication		
COM 442 Identity, Performance, and Human Communication		
COM 450 Organizational Communication (SOBE)		
COM 453 Communication Training and Development		

Career Management

COM 201 Career Explorations in Communication	C	1
COM 301 Computer Applications for Careers in Communication	C	1

Requirement	Minimum Grade	Credit Hours
COM 401 Career Preparation and Self Development in Communication	C	1

Capstone

COM 408 Quantitative Data Analysis in Communication	C	3

Major Electives

400-Level **COM Elective**	C	6
Upper Division **COM Elective**	C	6

A maximum of six credits of COM 484 may apply to major electives.

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count

towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies

requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Computational Mathematical Sciences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LACMSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Major Core		
MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
MAT 300 Mathematical Structures	C	3
MAT 371 Advanced Calculus I OR **MAT 370 Intermediate Calculus**	C	3

Requirement	Minimum Grade	Credit Hours
MAT 343 Applied Linear Algebra OR MAT 342 Linear Algebra	C	3

Computational Core

CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
CSE 240 Introduction to Programming Languages	C	3
MAT 274 Elementary Differential Equations (MATH) OR MAT 275 Modern Differential Equations (MATH)	C	3
MAT 420 Scientific Computing	C	3
MAT 421 Applied Computational Methods (MATH)	C	3

Advanced Courses

Upper Division Advanced Courses	C	9
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
MAT 415 Introduction to Combinatorics		
MAT 416 Graph Theory		
MAT 419 Introduction to Linear Optimization		
MAT 423 Numerical Analysis I (MATH)		

Requirement	Minimum Grade	Credit Hours
MAT 425 Numerical Analysis II		
MAT 447 Cryptography I		
MAT 448 Cryptography II		
MAT 451 Mathematical Modeling		
MAT 452 Introduction to Chaos and Nonlinear Dynamics		
MAT 461 Applied Complex Analysis		
MAT 462 Applied Partial Differential Equations		
MAT 475 Differential Equations		
MAT 476 Partial Differential Equations		
STP 420 Introductory Applied Statistics (QTRS)		
STP 421 Probability		
STP 425 Stochastic Processes		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		

Internship/Research/Advanced Science Course

Upper Division Internship/Research/Advanced Science Course	C	3
Upper Division AST Elective		
BIO 320 Fundamentals of Ecology		

Requirement	Minimum Grade	Credit Hours
Upper Division BME Elective		
Upper Division CEE Elective		
Upper Division CHE Elective		
Upper Division CHM Elective		
Upper Division CIS Elective		
Upper Division CSE Elective		
Upper Division EEE Elective		
GLG 305 Dynamic Earth		
GLG 321 Mineralogy		
GLG 362 Geomorphology		
400-Level GLG Elective		
Upper Division IEE Elective		
Upper Division MAE Elective		
MAT 484 Internship		
MAT 493 Honors Thesis		
MAT 495 Undergraduate Research		
Upper Division MIC Elective		
Upper Division MSE Elective		
PHI 413 Advanced Symbolic Logic		
Upper Division PHY Elective		

Requirement	Minimum Grade	Credit Hours
Upper Division PLB Elective		

Science Sequence Courses

Scientific Thinking in Natural Sciences (SCIT) **AND** Science Sequence Courses	C	16
AST 111 Introduction to Solar Systems Astronomy (SCIT) AND AST 112 Introduction to Stars, Galaxies, and Cosmology (SCIT)		
BIO 181 General Biology I (SCIT) AND BIO 182 General Biology II (SCIT)		
CHM 113 General Chemistry I (SCIT) AND CHM 116 General Chemistry II (SCIT)		
CHM 114 General Chemistry for Engineers (SCIT) AND CHM 231 Elementary Organic Chemistry (SCIT) AND CHM 235 Elementary Organic Chemistry Laboratory (SCIT)		
CHM 117 General Chemistry for Majors I (SCIT) AND CHM 111 General Chemistry Laboratory for Majors I (SCIT) AND CHM 118 General Chemistry for Majors II (SCIT) AND CHM 112 General Chemistry Laboratory for Majors II (SCIT)		
GLG 101 Introduction to Geology I (Physical) (SCIT) AND GLG 103 Introduction to Geology I: Laboratory (SCIT) AND GLG 102 Introduction to Geology II		

Requirement	Minimum Grade	Credit Hours
(Historical) (SCIT) AND GLG 104 Introduction to Geology II: Laboratory (SCIT)		
PHY 121 University Physics I: Mechanics (SCIT) AND PHY 122 University Physics Laboratory I (SCIT) AND PHY 131 University Physics II: Electricity and Magnetism (SCIT) AND PHY 132 University Physics Laboratory II (SCIT)		
PHY 150 Physics I (SCIT) AND PHY 151 Physics II (SCIT)		

Students complete two sets of science sequences from the courses above.

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in an on-campus degree enroll in LIA 101. Students enrolled in an ASU Online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree		

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Culture, Technology and Environment, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LACTEBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.

Core

CTE 110 Introduction to Culture, Technology and Environment	C	3
CTE 310 Elements of Culture, Technology and Environment (SUST)	C	3
CTE 484 Internship OR **CTE 498 Pro-Seminar**	C	3

Directed Electives

21 credit hours, 15 of which must be upper division. At least one course from each category must be completed.

Requirement	Minimum Grade	Credit Hours
Upper Division English and Film		
ENG 305 Interpretive Theory (HUAD)		
ENG 308 Form and History/Culture (HUAD)		
ENG 312 English in its Social Setting (SOBE)		
ENG 319 Future of English (GCSI)		
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 350 Studies in Literary Histories and Traditions		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)	C	3
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
ENG 394 Topic: Writing in the Digital Age		
ENG 444 Topics for Interdisciplinary Study of Literature and Culture		
FMS 351 Emerging Digital Media (HUAD)		
FMS 360 Media Genres		
Upper Division History, Philosophy, and Religion	C	3
HST 302 Topic: The Ancient City		
HST 304 Topic: Drinking Cultures in Early Modern Europe		

Requirement	Minimum Grade	Credit Hours
HST 325 Immigration and Ethnicity in the United States (HUAD)		
HST 337 American Indian History to 1900 (HUAD)		
HST 338 American Indian History since 1900 (HUAD)		
HST 364 Sex and Society in Europe (HUAD)		
PHI 310 Environmental Ethics (SUST)		
PHI 320 Bioethics (HUAD)		
REL 321 Religion in America (HUAD)		
REL 330 Native American Worldviews (HUAD)		
REL 349 Nature, Sustainability and Religion (SUST)		
REL 363 Islam and World Affairs		
REL 366 Islam in the Modern World (GCSI)		
REL 381 Religion and Moral Issues (HUAD)		
REL 388 Religion, Ethics, and International Politics (CIVI)		
Upper Division Language and Culture	C	3
ASL 410 Deaf Culture (HUAD)		
HEB 348 Israeli Society and Culture (HUAD)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
SLC 304 Digital Humanities for Language Majors		

Requirement	Minimum Grade	Credit Hours
SLC 310 Migration and Identity: Digital Storytelling		
SLC 343 Culture and Society Transformation (GCSI)		
SLC 380 Natural Disasters: Environmental and Cultural Resilience in Italy		
SLC 394 Topic: Transnational Environmental Histories: Waterways		
SLC 394 Topic: Ancient Greek Science & Society		
SLC 421 Japanese Literature in Translation		
SLC 425 Globalization: From Colonialism to Climate Change (SUST)		
SLC 494 Topic: Animals in the Anthropocene		
SLC 494 Topic: Ecocultures and Globalization		
SPA 470 Law, Societies and Justice in Latino-America		
Upper Division Directed Electives	C	6
400-Level HUL Elective		
English and Film		
ENG 305 Interpretive Theory (HUAD)		
ENG 308 Form and History/Culture (HUAD)		
ENG 312 English in its Social Setting (SOBE)		
ENG 319 Future of English (GCSI)		

Requirement	Minimum Grade	Credit Hours
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 350 Studies in Literary Histories and Traditions		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
ENG 394 Topic: Writing in the Digital Age		
ENG 444 Topics for Interdisciplinary Study of Literature and Culture		
FMS 351 Emerging Digital Media (HUAD)		
FMS 360 Media Genres		
History, Philosophy, and Religion		
HST 302 Topic: The Ancient City		
HST 304 Topic: Drinking Cultures in Early Modern Europe		
HST 325 Immigration and Ethnicity in the United States (HUAD)		
HST 337 American Indian History to 1900 (HUAD)		
HST 338 American Indian History since 1900 (HUAD)		
HST 364 Sex and Society in Europe (HUAD)		
PHI 310 Environmental Ethics (SUST)		

Requirement	Minimum Grade	Credit Hours
PHI 320 Bioethics (HUAD)		
REL 321 Religion in America (HUAD)		
REL 330 Native American Worldviews (HUAD)		
REL 349 Nature, Sustainability and Religion (SUST)		
REL 363 Islam and World Affairs		
REL 366 Islam in the Modern World (GCSI)		
REL 381 Religion and Moral Issues (HUAD)		
REL 388 Religion, Ethics, and International Politics (CIVI)		
Language and Culture		
ASL 410 Deaf Culture (HUAD)		
HEB 348 Israeli Society and Culture (HUAD)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
SLC 304 Digital Humanities for Language Majors		
SLC 310 Migration and Identity: Digital Storytelling		
SLC 343 Culture and Society Transformation (GCSI)		
SLC 380 Natural Disasters: Environmental and Cultural Resilience in Italy		
SLC 394 Topic: Ancient Greek Science & Society		
SLC 394 Topic: Transnational Environmental Histories: Waterways		

Requirement	Minimum Grade	Credit Hours
SLC 421 Japanese Literature in Translation		
SLC 425 Globalization: From Colonialism to Climate Change (SUST)		
SLC 494 Topic: Animals in the Anthropocene		
SLC 494 Topic: Ecocultures and Globalization		
SPA 470 Law, Societies and Justice in Latino-America		
Directed Electives	C	6
400-Level HUL Elective		
English and Film		
ENG 305 Interpretive Theory (HUAD)		
ENG 308 Form and History/Culture (HUAD)		
ENG 312 English in its Social Setting (SOBE)		
ENG 319 Future of English (GCSI)		
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 350 Studies in Literary Histories and Traditions		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 367 Environmental Issues in Literature and Film		
ENG 371 Rhetoric of the Environmental Movement		
ENG 394 Topic: Writing in the Digital Age		

Requirement	Minimum Grade	Credit Hours
ENG 444 Topics for Interdisciplinary Study of Literature and Culture		
FMS 110 Introduction to New Media (HUAD)		
FMS 351 Emerging Digital Media (HUAD)		
FMS 360 Media Genres		
History, Philosophy, and Religion		
HST 302 Topic: The Ancient City		
HST 304 Topic: Drinking Cultures in Early Modern Europe		
HST 325 Immigration and Ethnicity in the United States (HUAD)		
HST 337 American Indian History to 1900 (HUAD)		
HST 338 American Indian History since 1900 (HUAD)		
HST 364 Sex and Society in Europe (HUAD)		
PHI 310 Environmental Ethics (SUST)		
PHI 320 Bioethics (HUAD)		
REL 101 Religion, Culture and Public Life (HUAD)		
REL 107 Religion and Globalization (GCSI)		
REL 201 Religion and the Modern World (HUAD)		
REL 321 Religion in America (HUAD)		
REL 330 Native American Worldviews (HUAD)		

Requirement	Minimum Grade	Credit Hours
REL 349 Nature, Sustainability and Religion (SUST)		
REL 363 Islam and World Affairs		
REL 366 Islam in the Modern World (GCSI)		
REL 381 Religion and Moral Issues (HUAD)		
REL 388 Religion, Ethics, and International Politics (CIVI)		
Language and Culture		
ASL 410 Deaf Culture (HUAD)		
HEB 348 Israeli Society and Culture (HUAD)		
ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy		
SLC 194 Topic: Food, Culture, and Society in Latin America		
SLC 294 Topic: Language, Ecology and Global Future		
SLC 304 Digital Humanities for Language Majors		
SLC 310 Migration and Identity: Digital Storytelling		
SLC 343 Culture and Society Transformation (GCSI)		
SLC 380 Natural Disasters: Environmental and Cultural Resilience in Italy		
SLC 394 Topic: Ancient Greek Science & Society		
SLC 394 Topic: Transnational Environmental Histories: Waterways		

Requirement	Minimum Grade	Credit Hours
SLC 421 Japanese Literature in Translation		
SLC 425 Globalization: From Colonialism to Climate Change (SUST)		
SLC 494 Topic: Animals in the Anthropocene		
SLC 494 Topic: Ecocultures and Globalization		
SPA 470 Law, Societies and Justice in Latino-America		

The College Requirements

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal**		1

Arts and Sciences
Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to explore internship opportunities. Learn more here: https://english.asu.edu/students/internships.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More

information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Data Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LADATSCIBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Core

MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 343 Applied Linear Algebra	C	3
CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3

Requirement	Minimum Grade	Credit Hours
DAT 250 Data Science and Society Data Sciences students take DAT 250 as a part of the major. DAT 250 satisfies a Science and Society requirement.	C	3
DAT 300 Mathematical Tools for Data Science	C	3
DAT 301 Exploring Data in R and Python	C	4
DAT 401 Statistical Modeling and Inference for Data Science	C	3
DAT 402 Machine Learning for Data Science OR **CSE 475 Foundations of Machine Learning**	C	3
DAT 490 Data Science Capstone OR Disciplinary Capstone from Selected Track	C	3

Track Courses

Select one of the tracks below and complete all requirements outlined for that track. Track options are Behavioral Sciences, Biosciences, Business Analytics, Chemistry and Biochemistry, Computer Science, Mathematics, Social Sciences, and Spatial Sciences.

Upper Division Behavioral Sciences Track Behavioral Sciences Track: complete six total courses as outlined below. Students must also complete three credit hours in DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY subject areas. In cooperation with an assigned academic advisor, select four courses from following options:	C	12 - 13

Requirement	Minimum Grade	Credit Hours
SOC 390 Social Statistics I (QTRS)		
FAS 498 Topic: Advanced Statistics for Social Sciences or SOC 469 Multivariate Statistics for Social Sciences or PSY 330 Statistical Methods (QTRS)		
In cooperation with an assigned academic advisor, choose two elective courses from the list below:		
CDE 312 Adolescence (SOBE)		
CDE 337 Early Childhood Intervention		
CDE 418 Aging and the Life Course (SOBE)		
CDE 430 Infant and Toddler Development in the Family (SOBE)		
CDE 450 Childhood Disorders and Family Functioning		
FAS 301 Introduction to Parenting		
FAS 331 Modern Family Relationships (SOBE)		
FAS 332 Human Sexuality (SOBE)		
FAS 440 Fundamentals of Marriage and Family Therapy		
LSC 325 / PSY 325 / PTX 325 Physiological Psychology		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 324 Memory and Cognition		
PSY 341 Developmental Psychology (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 350 Social Psychology (SOBE)		
OR **Upper Division Biosciences Track**		
Biological Sciences Track: complete BIO 415 and BIO 439, a Bioethics related course, three track electives (minimum of nine credit hours) and three credit hours of DAT 490 Data Science Capstone.		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 439 Computing for Research		
Choose once course from the list below:		
BIO 312 / **PHI 320 Bioethics (HUAD)**		
BIO 316 / **HPS 330 History of Biology: Conflicts and Controversies (HUAD)**		
BIO 317 / **HPS 323 History of Science II (HUAD)**		
BIO 318 / **HPS 331 History of Medicine (HUAD)**		
BIO 416 / **HPS 410 Biomedical Research Ethics (CIVI)**		
Choose three elective courses from list below:		
BIO 355 Introduction to Computational Molecular Biology		
BIO 411 Quantitative Methods in Conservation and Ecology		
BIO 440 / **MBB 440 Functional Genomics**		
BIO 494 Topic: Data Analysis in Neuroscience		

Requirement	Minimum Grade	Credit Hours
BIO 494 Topic: Microbiome Data Science		
BIO 498 Topic: Genomics Research Experience		
BIO 498 Topic: Programming for biologists		
OR **Upper Division Business Analytics Track**		
Business Analytics Track: complete all six courses listed below. Students also complete three credit hours of DAT 490 Data Science Capstone.		
CIS 407 Business Database Systems Development		
CIS 409 Business Data Warehouses and Dimensional Modeling		
CIS 412 Business Machine Learning		
CIS 415 Big Data and AI in Business		
WPC 300 Problem Solving and Actionable Analytics (QTRS)		
OR **Upper Division Chemistry and Biochemistry Track**		
Chemistry and Biochemistry Track: complete 21 total credits as outlined below. In addition, students need to complete three credit hours in DAT 490 Data Science Capstone.		
CHM 325 Analytical Chemistry		
BCH 361 Advanced Principles of Biochemistry **or** **CHM 341 Elementary Physical Chemistry**		

Requirement	Minimum Grade	Credit Hours
BCH 392 / CHM 392 Introduction to Research Techniques or DAT 490 Data Science Capstone		
BCH 494 Topic: Modern Approaches to Biochemical Data Analysis or CHM 494 Topic: Data Modeling for the Natural Sciences		
Select three credits from the list below:		
BCH 341 Physical Chemistry with a Biological Focus		
BCH 361 Advanced Principles of Biochemistry		
BCH 367 Elementary Biochemistry Laboratory		
BCH 461 General Biochemistry		
BCH 462 General Biochemistry		
BCH 463 Biophysical Chemistry		
BCH 467 Analytical Biochemistry Laboratory		
BCH 484 Internship		
BCH 494 Special Topics		
CHM 302 Environmental Chemistry		
CHM 303 Environmental Chemistry Laboratory		
CHM 326 Advanced Analytical Chemistry Laboratory		
CHM 327 Instrumental Analysis		
CHM 328 Instrumental Analysis Laboratory		
CHM 341 Elementary Physical Chemistry		

Requirement	Minimum Grade	Credit Hours
CHM 343 Elementary Physical Chemistry Laboratory		
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		
CHM 348 Physical Chemistry Laboratory I		
CHM 349 Physical Chemistry Laboratory II		
CHM 385 Oceanography		
CHM 433 Bioorganic Chemistry		
CHM 435 Medicinal Chemistry		
CHM 452 Inorganic Chemistry Laboratory		
CHM 453 Inorganic Chemistry		
CHM 460 Biological Chemistry		
CHM 471 Solid-State Chemistry		
CHM 481 Geochemistry		
CHM 484 Internship		
CHM 489 Field Geochemistry		
CHM 494 Special Topics		

OR **Upper Division Computer Science Track**

Computer Science Track: complete six total courses as outlined below. In addition, students must complete three credit hours of DAT 490 Data Science Capstone.		

Requirement	Minimum Grade	Credit Hours
CSE 310 Data Structures and Algorithms		
CSE 365 Information Assurance		
In consultation with an advisor, choose two elective courses from following five options:		
CSE 450 Design and Analysis of Algorithms		
CSE 467 Data and Information Security		
CSE 471 Introduction to Artificial Intelligence		
CSE 475 Foundations of Machine Learning		
CSE 476 Introduction to Natural Language Processing		

OR **Upper Division Mathematics Track**

Mathematics Track: complete six total courses as outlined below. In addition, students need to complete three credit hours in DAT 490 Data Science Capstone.		
In cooperation with an academic advisor, choose four elective courses from the list below:		
ACT 301 Risk Management and Insurance (SOBE)		
ACT 302 Fundamentals of Enterprise Risk Management		
ACT 435 Statistics for Risk Modeling		
DAT 431 Industry Tools for Data Science		
DAT 435 Exploration and Analysis of Environmental Data		

Requirement	Minimum Grade	Credit Hours
DAT 484 Internship		
DAT 494 Topic: Bayesian Statistics		
MAT 300 Mathematical Structures		
MAT 353 Mathematics and Cancer		
MAT 419 Introduction to Linear Optimization		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 429 Optimization		
MAT 451 Mathematical Modeling		
MAT 452 Introduction to Chaos and Nonlinear Dynamics		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
STP 420 Introductory Applied Statistics (QTRS) **or** STP 427 Mathematical Statistics		
STP 421 Probability		
STP 429 Applied Regression (QTRS)		
OR Upper Division Social Sciences Track		

Requirement	Minimum Grade	Credit Hours
Social Sciences Track: complete six courses for a minimum of 18 credit hours as outlined below, at least 12 credit hours of which must be upper division. In addition, students must complete three credit hours in DAT 490 Data Science Capstone or a disciplinary-specific capstone course.		
Select one course from the following options:		
ECN 425 Introduction to Econometrics		
POS 401 / **SGS 401 Political Statistics (QTRS)**		
Choose five elective courses from the list below:		
AML 441 Mathematical Concepts and Tools in Sustainability		
ASB 363 / **BIO 363 From Cells to Society: Understanding Complexity**		
ASM 494 Topic: Models in Social Evolution		
BME 301 Numerical Methods in Biomedical Engineering		
BMI 461 Advanced Topics in Biomedical Informatics I		
BMI 462 Advanced Topics In Biomedical Informatics II		
COM 308 Communication Research Strategies		
COM 407 Qualitative Data Analysis in Communication		
CRJ 303 Statistical Analysis (QTRS)		
ECN 416 Game Theory and Economic Behavior		

Requirement	Minimum Grade	Credit Hours
ECN 441 Public Economics (CIVI)		
ECN 445 Environmental Economics		
ECN 470 Mathematical Economics		
FAS 361 Applied Research Methods (SOBE)		
FAS 498 Topic: Advanced Statistics for Social Sciences		
FIS 335 Designing Knowledge		
FIS 403 Governing Emerging Technologies		
GCU 325 Geography of Europe (GCSI)		
GCU 351 Population Geography (GCSI)		
GCU 357 Social Geography		
GCU 361 Urban Geography		
GCU 364 Energy in the Global Arena		
GCU 426 Geography of Russia and Surroundings		
ISS 415 Knowledge Management		
MKT 352 Marketing Research		
PAF 471 Public Policy Analysis		
POS 331 Public Opinion		
POS 434 Media and Politics		
PUP 424 Planning Methods		
PUP 481 Fundamentals of Spatial Optimization		

Requirement	Minimum Grade	Credit Hours
SBS 302 Qualitative Methods (SOBE)		
SBS 304 Social Statistics I (QTRS)		
SBS 389 Ethnographic Field Lab		
SBS 404 Social Statistics II: Multivariate Analysis		
SGS 305 / **POS 301 Empirical Political Inquiry (SOBE)**		
SOS 424 Dynamic Modeling in Social and Ecological Systems		
SOS 441 / **AML 441 Mathematical Concepts and Tools in Sustainability**		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
TWC 411 Principles of Visual Communication		
OR **Upper Division Spatial Sciences Track**		
Spatial Sciences Track: complete six total courses as outlined below. In addition, students will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
Select one of the three courses below:		
GIS 469 Multivariate Statistics for Social Sciences		

Requirement	Minimum Grade	Credit Hours
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GIS 471 Spatial Statistics for Geography and Planning		
Select one of the five courses below:		
GIS 451 Geodesign and Urban Planning		
GIS 494 Topic: GIS and Public Health		
GIS 494 Topic: GIS for Climate Change Science		
GIS 494 Topic: Landscape Analysis Using GIS		
Behavioral Sciences Track	C	6 - 7
Behavioral Sciences Track: complete six total courses as outlined below. Students must also complete three credit hours in DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY subject areas.		
In cooperation with an assigned academic advisor, select four courses from following options:		
SOC 390 Social Statistics I (QTRS)		
CDE 232 Human Development (SOBE) **or** **FAS 101 Personal Growth and Relationships (SOBE)** **or** **PSY 101 Introduction to Psychology (SOBE)**		
FAS 498 Topic: Advanced Statistics for Social Sciences **or** **SOC 469 Multivariate Statistics for Social Sciences** **or** **PSY 330 Statistical Methods (QTRS)**		
PSY 290 Research Methods (SCIT) **or** **FAS 361 Applied**		

Requirement	Minimum Grade	Credit Hours
Research Methods (SOBE)		
In cooperation with an assigned academic advisor, choose two elective courses from the list below:		
CDE 312 Adolescence (SOBE)		
CDE 337 Early Childhood Intervention		
CDE 418 Aging and the Life Course (SOBE)		
CDE 430 Infant and Toddler Development in the Family (SOBE)		
CDE 450 Childhood Disorders and Family Functioning		
FAS 301 Introduction to Parenting		
FAS 331 Modern Family Relationships (SOBE)		
FAS 332 Human Sexuality (SOBE)		
FAS 440 Fundamentals of Marriage and Family Therapy		
LSC 325 / **PSY 325** / **PTX 325 Physiological Psychology**		
PSY 315 Personality Theory and Research (SOBE)		
PSY 320 Learning and Motivation		
PSY 324 Memory and Cognition		
PSY 341 Developmental Psychology (SOBE)		
PSY 350 Social Psychology (SOBE)		
OR **Biosciences Track**		

Requirement	Minimum Grade	Credit Hours
Biological Sciences Track: complete BIO 415 and BIO 439, a Bioethics related course, three track electives (minimum of nine credit hours) and three credit hours of DAT 490 Data Science Capstone.		
BIO 415 Statistical Models for Biology (QTRS)		
BIO 439 Computing for Research		
Choose once course from the list below:		
BIO 312 / **PHI 320 Bioethics (HUAD)**		
BIO 316 / **HPS 330 History of Biology: Conflicts and Controversies (HUAD)**		
BIO 317 / **HPS 323 History of Science II (HUAD)**		
BIO 318 / **HPS 331 History of Medicine (HUAD)**		
BIO 416 / **HPS 410 Biomedical Research Ethics (CIVI)**		
Choose three elective courses from list below:		
BIO 355 Introduction to Computational Molecular Biology		
BIO 411 Quantitative Methods in Conservation and Ecology		
BIO 440 / **MBB 440 Functional Genomics**		
BIO 494 Topic: Data Analysis in Neuroscience		
BIO 494 Topic: Microbiome Data Science		
BIO 498 Topic: Genomics Research Experience		

Requirement	Minimum Grade	Credit Hours
BIO 498 Topic: Programming for biologists		
OR **Business Analytics Track**		
Business Analytics Track: complete all six courses listed below. Students also complete three credit hours of DAT 490 Data Science Capstone.		
CIS 235 Introduction to Information Systems, Analytics and AI in Business		
CIS 407 Business Database Systems Development		
CIS 409 Business Data Warehouses and Dimensional Modeling		
CIS 412 Business Machine Learning		
CIS 415 Big Data and AI in Business		
WPC 300 Problem Solving and Actionable Analytics (QTRS)		
OR **Chemistry and Biochemistry Track**		
Chemistry and Biochemistry Track: complete 21 total credits as outlined below. In addition, students need to complete three credit hours in DAT 490 Data Science Capstone.		
CHM 114 General Chemistry for Engineers (SCIT)		
CHM 231 Elementary Organic Chemistry (SCIT)		
CHM 325 Analytical Chemistry		

Requirement	Minimum Grade	Credit Hours
BCH 361 Advanced Principles of Biochemistry or CHM 341 Elementary Physical Chemistry		
BCH 392 / CHM 392 Introduction to Research Techniques or DAT 490 Data Science Capstone		
BCH 494 Topic: Modern Approaches to Biochemical Data Analysis or CHM 494 Topic: Data Modeling for the Natural Sciences		
Select three credits from the list below:		
BCH 341 Physical Chemistry with a Biological Focus		
BCH 361 Advanced Principles of Biochemistry		
BCH 367 Elementary Biochemistry Laboratory		
BCH 461 General Biochemistry		
BCH 462 General Biochemistry		
BCH 463 Biophysical Chemistry		
BCH 467 Analytical Biochemistry Laboratory		
BCH 484 Internship		
BCH 494 Special Topics		
CHM 302 Environmental Chemistry		
CHM 303 Environmental Chemistry Laboratory		
CHM 326 Advanced Analytical Chemistry Laboratory		
CHM 327 Instrumental Analysis		

Requirement	Minimum Grade	Credit Hours
CHM 328 Instrumental Analysis Laboratory		
CHM 341 Elementary Physical Chemistry		
CHM 343 Elementary Physical Chemistry Laboratory		
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		
CHM 348 Physical Chemistry Laboratory I		
CHM 349 Physical Chemistry Laboratory II		
CHM 385 Oceanography		
CHM 433 Bioorganic Chemistry		
CHM 435 Medicinal Chemistry		
CHM 452 Inorganic Chemistry Laboratory		
CHM 453 Inorganic Chemistry		
CHM 460 Biological Chemistry		
CHM 471 Solid-State Chemistry		
CHM 481 Geochemistry		
CHM 484 Internship		
CHM 489 Field Geochemistry		
CHM 494 Special Topics		

OR **Computer Science Track**

Requirement	Minimum Grade	Credit Hours
Computer Science Track: complete six total courses as outlined below. In addition, students must complete three credit hours of DAT 490 Data Science Capstone.		
CSE 220 Programming for Computer Engineering or CSE 240 Introduction to Programming Languages		
CSE 310 Data Structures and Algorithms		
CSE 365 Information Assurance		
MAT 243 Discrete Mathematical Structures		
In consultation with an advisor, choose two elective courses from following five options:		
CSE 450 Design and Analysis of Algorithms		
CSE 467 Data and Information Security		
CSE 471 Introduction to Artificial Intelligence		
CSE 475 Foundations of Machine Learning		
CSE 476 Introduction to Natural Language Processing		
OR **Mathematics Track**		
Mathematics Track: complete six total courses as outlined below. In addition, students need to complete three credit hours in DAT 490 Data Science Capstone.		
MAT 267 Calculus for Engineers III (MATH) or MAT 272 Calculus with Analytic Geometry III (MATH)		
MAT 275 Modern Differential Equations (MATH)		

Requirement	Minimum Grade	Credit Hours
In cooperation with an academic advisor, choose four elective courses from the list below:		
ACT 301 Risk Management and Insurance (SOBE)		
ACT 302 Fundamentals of Enterprise Risk Management		
ACT 435 Statistics for Risk Modeling		
DAT 431 Industry Tools for Data Science		
DAT 435 Exploration and Analysis of Environmental Data		
DAT 484 Internship		
DAT 494 Topic: Bayesian Statistics		
MAT 300 Mathematical Structures		
MAT 353 Mathematics and Cancer		
MAT 419 Introduction to Linear Optimization		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 429 Optimization		
MAT 451 Mathematical Modeling		
MAT 452 Introduction to Chaos and Nonlinear Dynamics		

Requirement	Minimum Grade	Credit Hours
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
STP 420 Introductory Applied Statistics (QTRS) **or** **STP 427 Mathematical Statistics**		
STP 421 Probability		
STP 429 Applied Regression (QTRS)		
OR **Spatial Sciences Track**		
Spatial Sciences Track: complete six total courses as outlined below. In addition, students will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.		
GIS 205 Geographic Information Science I (QTRS)		
GIS 211 Geographic Information Science II (QTRS)		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
Select one of the three courses below:		
GIS 469 Multivariate Statistics for Social Sciences		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GIS 471 Spatial Statistics for Geography and Planning		
Select one of the five courses below:		

Requirement	Minimum Grade	Credit Hours
GIS 202 Drones to Satellites: Observing Earth from Above (QTRS)		
GIS 451 Geodesign and Urban Planning		
GIS 494 Topic: GIS and Public Health		
GIS 494 Topic: GIS for Climate Change Science		
GIS 494 Topic: Landscape Analysis Using GIS		

OR **Social Sciences Track**

Social Sciences Track: complete six courses for a minimum of 18 credit hours as outlined below, at least 12 credit hours of which must be upper division. In addition, students must complete three credit hours in DAT 490 Data Science Capstone or a disciplinary-specific capstone course.		
Select one course from the following options:		
ECN 425 Introduction to Econometrics		
POS 401 / **SGS 401 Political Statistics (QTRS)**		
Choose five elective courses from the list below:		
ACO 100 All About Data: Design, Query, and Visualization (QTRS)		
ALA 235 Introduction to Computer Modeling		
AML 253 Introduction to Mathematical Tools and Modeling for the Life and Social Sciences (MATH)		

Requirement	Minimum Grade	Credit Hours
AML 441 Mathematical Concepts and Tools in Sustainability		
ASB 230 Beginning Social Research (SOBE)		
ASB 230 Beginning Social Research (SOBE)		
ASB 363 / BIO 363 From Cells to Society: Understanding Complexity		
ASM 201 Epidemics and Outbreaks		
ASM 494 Topic: Models in Social Evolution		
BME 301 Numerical Methods in Biomedical Engineering		
BMI 211 Clinical Decision Analysis		
BMI 461 Advanced Topics in Biomedical Informatics I		
BMI 462 Advanced Topics In Biomedical Informatics II		
COM 308 Communication Research Strategies		
COM 407 Qualitative Data Analysis in Communication		
CRJ 303 Statistical Analysis (QTRS)		
ECN 416 Game Theory and Economic Behavior		
ECN 441 Public Economics (CIVI)		
ECN 445 Environmental Economics		
ECN 470 Mathematical Economics		
FAS 361 Applied Research Methods (SOBE)		

Requirement	Minimum Grade	Credit Hours
FAS 498 Topic: Advanced Statistics for Social Sciences		
FIS 335 Designing Knowledge		
FIS 403 Governing Emerging Technologies		
GCU 325 Geography of Europe (GCSI)		
GCU 351 Population Geography (GCSI)		
GCU 357 Social Geography		
GCU 361 Urban Geography		
GCU 364 Energy in the Global Arena		
GCU 426 Geography of Russia and Surroundings		
ISS 415 Knowledge Management		
MKT 352 Marketing Research		
PAF 471 Public Policy Analysis		
POS 331 Public Opinion		
POS 434 Media and Politics		
PUP 424 Planning Methods		
PUP 481 Fundamentals of Spatial Optimization		
SBS 302 Qualitative Methods (SOBE)		
SBS 304 Social Statistics I (QTRS)		
SBS 389 Ethnographic Field Lab		
SBS 404 Social Statistics II: Multivariate Analysis		

Requirement	Minimum Grade	Credit Hours
SGS 305 / **POS 301 Empirical Political Inquiry (SOBE)**		
SOS 212 Systems, Dynamics and Sustainability (QTRS)		
SOS 424 Dynamic Modeling in Social and Ecological Systems		
SOS 441 / **AML 441 Mathematical Concepts and Tools in Sustainability**		
STP 310 Design and Analysis of Experiments		
STP 311 Regression and Time Series Analyses		
TWC 411 Principles of Visual Communication		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

Some upper-division track courses require prerequisites. It is recommended that students consult with their advisors and use electives to complete appropriate course prerequisites.

Please consult with your academic advisor regarding the number of credits required for your DAT 490 capstone experience. It is a variable credit hour class.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Earth and Environmental Sciences, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAEESBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
GLG 108 Water Planet (SCIT)	C	4
GLG 110 Dangerous World (SCIT) **AND** **GLG 111 Dangerous World Laboratory (SCIT)**	C	4
SES 220 Biology of a Changing Earth	C	3
SES 225 Global Biogeochemical Cycles	C	3
GLG 305 Dynamic Earth	C	3
GLG 325 Oceanography	C	3
GLG 327 Earth's Critical Zone	C	3
GLG 464 Solving Environmental Problems	C	3

Requirement	Minimum Grade	Credit Hours
Earth and Environmental Sciences Track Electives		
Upper Division Earth and Environmental Sciences Track Electives	C	9

Upper Division Earth and Environmental Sciences Track Electives: Students must take at least 5 upper division elective classes (3 credits each). Students are encouraged to choose a track but they also have the option to choose any combination of courses across multiple tracks. Regardless of the chosen track, at least two of the Earth and Environmental Sciences Track Electives must be 400-level.

CLIMATE/ENVIRONMENTAL CHANGE TRACK

ABS 350 Applied Statistics (QTRS)

ASB 326 Human Impacts on Ancient Environments (SUST)

ASB 375 / **SOS 375 Humans and the Environment: What's the Connection?**

ERM 426 Environmental Issues

ERM 428 International Environmental Management

FIS 444 / **JUS 444 Environment and Justice**

GIS 470 Advanced Statistics for Geography and Planning (QTRS)

GLG 362 Geomorphology

GLG 435 Sedimentology and Stratigraphy

GLG 470 Hydrogeology

Requirement	Minimum Grade	Credit Hours
GPH 314 Global Change (SUST)		
GPH 414 Climate Change (SUST)		
JUS 332 Politics of Energy Policy and Justice		
PUP 442 Environmental Planning		
SOS 314 Basic Energy Science		
SOS 320 Society and Sustainability (SOBE)		
SOS 324 Sustainable Energy Technology and Systems		
SOS 326 Sustainable Ecosystems		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
EARTH RESOURCES TRACK		
ABS 350 Applied Statistics (QTRS)		
ERM 428 International Environmental Management		
GCU 364 Energy in the Global Arena		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
GIS 341 Cartography and Georepresentation (QTRS)		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 301 Earth Science in Arizona and the Southwest		

Requirement	Minimum Grade	Credit Hours
GLG 304 / SOS 373 Minerals, Energy, and Society		
GLG 310 Structural Geology		
GLG 321 Mineralogy		
GLG 424 Petrology		
GLG 435 Sedimentology and Stratigraphy		
GLG 441 Ore Deposits		
GLG 470 Hydrogeology		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
SOS 320 Society and Sustainability (SOBE)		
SOS 324 Sustainable Energy Technology and Systems		
SOS 325 The Economics of Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL EDUCATION TRACK		
ABS 302 Ethical and Policy Issues in Biology (HUAD)		
BIO 324 / PHI 310 Environmental Ethics (SUST)		
ENG 371 Rhetoric of the Environmental Movement		
ERM 426 Environmental Issues		

Requirement	Minimum Grade	Credit Hours
FIS 444 / JUS 444 Environment and Justice		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
GPH 414 Climate Change (SUST)		
JUS 332 Politics of Energy Policy and Justice		
JUS 456 / SOS 456 Human Rights and Sustainability		
POS 300 Contemporary Global Controversies (GCSI)		
PUP 442 Environmental Planning		
SCN 300 Foundations of Environmental Education		
SCN 302 Environmental Education: A Global Perspective (GCSI)		
SCN 307 Biomimicry: Nature's Sustainable Solutions (SUST)		
SCN 308 Urban Sustainability and Environmental Education (SUST)		
SCN 310 Race to Save Biodiversity		
SCN 401 Sustainability Science, Technology, and Society		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		

Requirement	Minimum Grade	Credit Hours
ENVIRONMENTAL MANAGEMENT TRACK		
ABS 350 Applied Statistics (QTRS)		
BIO 324 / PHI 310 Environmental Ethics (SUST)		
BIO 412 Conservation in Practice		
CEE 400 Earth Systems Engineering and Management (SUST)		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
GIS 341 Cartography and Georepresentation (QTRS)		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 304 / SOS 373 Minerals, Energy, and Society		
GLG 362 Geomorphology		
GLG 470 Hydrogeology		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
GPH 414 Climate Change (SUST)		
HST 345 Environmental History (SUST)		
POS 300 Contemporary Global Controversies (GCSI)		

Requirement	Minimum Grade	Credit Hours
PUP 301 Introduction to Urban Planning		
PUP 442 Environmental Planning		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL POLICY TRACK		
ABS 302 Ethical and Policy Issues in Biology (HUAD)		
ABS 350 Applied Statistics (QTRS)		
BIO 324 / **PHI 310 Environmental Ethics (SUST)**		
BIO 412 Conservation in Practice		
ENG 371 Rhetoric of the Environmental Movement		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
FIS 334 / **JUS 334 Science, Technology and Inequality (GCSI)**		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 314 Global Change (SUST)		
GPH 414 Climate Change (SUST)		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		
POS 300 Contemporary Global Controversies (GCSI)		

Requirement	Minimum Grade	Credit Hours
PUP 301 Introduction to Urban Planning		
PUP 442 Environmental Planning		
SOC 331 Environmental Sociology (SUST)		
SOS 315 Energy Policy		
SOS 320 Society and Sustainability (SOBE)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 323 Sustainable Urban Dynamics		
SOS 324 Sustainable Energy Technology and Systems		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
SUSTAINABILITY TRACK		
ABS 350 Applied Statistics (QTRS)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
FIS 444 / **JUS 444 Environment and Justice**		
GCU 364 Energy in the Global Arena		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 304 / **SOS 373 Minerals, Energy, and Society**		
GPH 314 Global Change (SUST)		

Requirement	Minimum Grade	Credit Hours
GPH 414 Climate Change (SUST)		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		
JUS 456 / SOS 456 Human Rights and Sustainability		
PUP 442 Environmental Planning		
SCN 401 Sustainability Science, Technology, and Society		
SOS 300 Advanced Concepts and Integrated Approaches in Sustainability		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 314 Basic Energy Science		
SOS 315 Energy Policy		
SOS 320 Society and Sustainability (SOBE)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 323 Sustainable Urban Dynamics		
SOS 324 Sustainable Energy Technology and Systems		
SOS 325 The Economics of Sustainability		
SOS 326 Sustainable Ecosystems		
SOS 327 Topic: Sustainable Food & Farms		
SOS 444 Climate Change, Society and Sustainability		

Requirement	Minimum Grade	Credit Hours
STP 420 Introductory Applied Statistics (QTRS)		
400-Level Earth and Environmental Sciences Track Electives	C	6
Upper Division Earth and Environmental Sciences Track Electives: Students must take at least 5 upper division elective classes (3 credits each). Students are encouraged to choose a track but they also have the option to choose any combination of courses across multiple tracks. Regardless of the chosen track, at least two of the Earth and Environmental Sciences Track Electives must be 400-level.		
CLIMATE/ENVIRONMENTAL CHANGE TRACK		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 435 Sedimentology and Stratigraphy		
GLG 470 Hydrogeology		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
EARTH RESOURCES TRACK		

Requirement	Minimum Grade	Credit Hours
ERM 428 International Environmental Management		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 424 Petrology		
GLG 435 Sedimentology and Stratigraphy		
GLG 441 Ore Deposits		
GLG 470 Hydrogeology		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL EDUCATION TRACK		
ERM 426 Environmental Issues		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 414 Climate Change (SUST)		
JUS 456 / **SOS 456 Human Rights and Sustainability**		
PUP 442 Environmental Planning		
SCN 401 Sustainability Science, Technology, and Society		
SOS 444 Climate Change, Society and Sustainability		

Requirement	Minimum Grade	Credit Hours
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL MANAGEMENT TRACK		
BIO 412 Conservation in Practice		
CEE 400 Earth Systems Engineering and Management (SUST)		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 470 Hydrogeology		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL POLICY TRACK		
BIO 412 Conservation in Practice		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 414 Climate Change (SUST)		

Requirement	Minimum Grade	Credit Hours
PUP 442 Environmental Planning		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
SUSTAINABILITY TRACK		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 414 Climate Change (SUST)		
JUS 456 / **SOS 456 Human Rights and Sustainability**		
PUP 442 Environmental Planning		
SCN 401 Sustainability Science, Technology, and Society		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the	C	16

intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.

Additional Requirements

CHM 101 Introductory Chemistry (SCIT) **OR** **CHM 107 Chemistry and Society (SCIT)** **AND** **CHM 108 Chemistry and Society Laboratory (SCIT)** **OR** **CHM 113 General Chemistry I (SCIT)** **OR** **CHM 114 General Chemistry for Engineers (SCIT)**	C	4
GIS 205 Geographic Information Science I (QTRS)	C	3
MAT 170 Precalculus (MATH) **OR** **MAT 210 Brief Calculus (MATH)** **OR** **MAT 251 Calculus for Life Sciences (MATH)** **OR** **MAT 265 Calculus for Engineers I (MATH)** **OR** **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
STP 226 Elements of Statistics (QTRS) **OR** **STP 231 Statistics for Life Science (QTRS)** **OR** **GIS 270 Statistics for Geography and Planning**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Earth and Environmental Sciences, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAEESBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
GLG 108 Water Planet (SCIT)	C	4
GLG 110 Dangerous World (SCIT) **AND** **GLG 111 Dangerous World Laboratory (SCIT)**	C	4
SES 220 Biology of a Changing Earth	C	3
SES 225 Global Biogeochemical Cycles	C	3
GLG 305 Dynamic Earth	C	3
GLG 325 Oceanography	C	3
GLG 327 Earth's Critical Zone GLG 327 is required in the major and will satisfy the upper division Science and Society elective requirement.	C	3

Requirement	Minimum Grade	Credit Hours
GLG 464 Solving Environmental Problems	C	3

Earth and Environmental Sciences Track Electives

Upper Division Earth and Environmental Sciences Track Electives	C	6

Upper Division Earth and Environmental Sciences Track Electives: Students must take at least 4 upper division elective classes (3 credits each). Students are encouraged to choose a track but they also have the option to choose any combination of courses across multiple tracks. Regardless of the chosen track, at least two of the Earth and Environmental Sciences Track Electives must be 400-level.

CLIMATE/ENVIRONMENTAL CHANGE TRACK

ABS 350 Applied Statistics (QTRS)

ASB 326 Human Impacts on Ancient Environments (SUST)

ASB 375 / **SOS 375 Humans and the Environment: What's the Connection?**

ERM 426 Environmental Issues

ERM 428 International Environmental Management

FIS 444 / **JUS 444 Environment and Justice**

GIS 470 Advanced Statistics for Geography and Planning (QTRS)

GLG 362 Geomorphology

GLG 435 Sedimentology and Stratigraphy

Requirement	Minimum Grade	Credit Hours
GLG 470 Hydrogeology		
GPH 314 Global Change (SUST)		
GPH 414 Climate Change (SUST)		
JUS 332 Politics of Energy Policy and Justice		
PUP 442 Environmental Planning		
SOS 314 Basic Energy Science		
SOS 320 Society and Sustainability (SOBE)		
SOS 324 Sustainable Energy Technology and Systems		
SOS 326 Sustainable Ecosystems		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
EARTH RESOURCES TRACK		
ABS 350 Applied Statistics (QTRS)		
ERM 428 International Environmental Management		
GCU 364 Energy in the Global Arena		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
GIS 341 Cartography and Georepresentation (QTRS)		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		

Requirement	Minimum Grade	Credit Hours
GLG 301 Earth Science in Arizona and the Southwest		
GLG 304 / **SOS 373 Minerals, Energy, and Society**		
GLG 310 Structural Geology		
GLG 321 Mineralogy		
GLG 424 Petrology		
GLG 435 Sedimentology and Stratigraphy		
GLG 441 Ore Deposits		
GLG 470 Hydrogeology		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
SOS 320 Society and Sustainability (SOBE)		
SOS 324 Sustainable Energy Technology and Systems		
SOS 325 The Economics of Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL EDUCATION TRACK		
ABS 302 Ethical and Policy Issues in Biology (HUAD)		
BIO 324 / **PHI 310 Environmental Ethics (SUST)**		
ENG 371 Rhetoric of the Environmental Movement		

Requirement	Minimum Grade	Credit Hours
ERM 426 Environmental Issues		
FIS 444 / JUS 444 Environment and Justice		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
GPH 414 Climate Change (SUST)		
JUS 332 Politics of Energy Policy and Justice		
JUS 456 / SOS 456 Human Rights and Sustainability		
POS 300 Contemporary Global Controversies (GCSI)		
PUP 442 Environmental Planning		
SCN 300 Foundations of Environmental Education		
SCN 302 Environmental Education: A Global Perspective (GCSI)		
SCN 307 Biomimicry: Nature's Sustainable Solutions (SUST)		
SCN 308 Urban Sustainability and Environmental Education (SUST)		
SCN 310 Race to Save Biodiversity		
SCN 401 Sustainability Science, Technology, and Society		
SOS 444 Climate Change, Society and Sustainability		

Requirement	Minimum Grade	Credit Hours
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL MANAGEMENT TRACK		
ABS 350 Applied Statistics (QTRS)		
BIO 324 / **PHI 310 Environmental Ethics (SUST)**		
BIO 412 Conservation in Practice		
CEE 400 Earth Systems Engineering and Management (SUST)		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
GIS 311 Geographic Information Science III (QTRS)		
GIS 322 Programming Principles in GIS II		
GIS 341 Cartography and Georepresentation (QTRS)		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 304 / **SOS 373 Minerals, Energy, and Society**		
GLG 362 Geomorphology		
GLG 470 Hydrogeology		
GPH 314 Global Change (SUST)		
GPH 381 Geography of Natural Resources (SUST)		
GPH 414 Climate Change (SUST)		
HST 345 Environmental History (SUST)		

Requirement	Minimum Grade	Credit Hours
POS 300 Contemporary Global Controversies (GCSI)		
PUP 301 Introduction to Urban Planning		
PUP 442 Environmental Planning		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL POLICY TRACK		
ABS 302 Ethical and Policy Issues in Biology (HUAD)		
ABS 350 Applied Statistics (QTRS)		
BIO 324 / **PHI 310 Environmental Ethics (SUST)**		
BIO 412 Conservation in Practice		
ENG 371 Rhetoric of the Environmental Movement		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
FIS 334 / **JUS 334 Science, Technology and Inequality (GCSI)**		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 314 Global Change (SUST)		
GPH 414 Climate Change (SUST)		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		

Requirement	Minimum Grade	Credit Hours
POS 300 Contemporary Global Controversies (GCSI)		
PUP 301 Introduction to Urban Planning		
PUP 442 Environmental Planning		
SOC 331 Environmental Sociology (SUST)		
SOS 315 Energy Policy		
SOS 320 Society and Sustainability (SOBE)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 323 Sustainable Urban Dynamics		
SOS 324 Sustainable Energy Technology and Systems		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
SUSTAINABILITY TRACK		
ABS 350 Applied Statistics (QTRS)		
ASB 326 Human Impacts on Ancient Environments (SUST)		
FIS 444 / **JUS 444 Environment and Justice**		
GCU 364 Energy in the Global Arena		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 304 / **SOS 373 Minerals, Energy, and Society**		

Requirement	Minimum Grade	Credit Hours
GPH 314 Global Change (SUST)		
GPH 414 Climate Change (SUST)		
HST 345 Environmental History (SUST)		
JUS 332 Politics of Energy Policy and Justice		
JUS 456 / SOS 456 Human Rights and Sustainability		
PUP 442 Environmental Planning		
SCN 401 Sustainability Science, Technology, and Society		
SOS 300 Advanced Concepts and Integrated Approaches in Sustainability		
SOS 310 Equity, Justice and Sustainability (HUAD)		
SOS 314 Basic Energy Science		
SOS 315 Energy Policy		
SOS 320 Society and Sustainability (SOBE)		
SOS 321 Policy and Governance in Sustainable Systems		
SOS 323 Sustainable Urban Dynamics		
SOS 324 Sustainable Energy Technology and Systems		
SOS 325 The Economics of Sustainability		
SOS 326 Sustainable Ecosystems		
SOS 327 Sustainable Food and Farms		

Requirement	Minimum Grade	Credit Hours
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
400-Level Earth and Environmental Sciences Track Electives	C	6
Upper Division Earth and Environmental Sciences Track Electives: Students must take at least 4 upper division elective classes (3 credits each). Students are encouraged to choose a track but they also have the option to choose any combination of courses across multiple tracks. Regardless of the chosen track, at least two of the Earth and Environmental Sciences Track Electives must be 400-level.		
CLIMATE/ENVIRONMENTAL CHANGE TRACK		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 435 Sedimentology and Stratigraphy		
GLG 470 Hydrogeology		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		

Requirement	Minimum Grade	Credit Hours
EARTH RESOURCES TRACK		
ERM 428 International Environmental Management		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 424 Petrology		
GLG 435 Sedimentology and Stratigraphy		
GLG 441 Ore Deposits		
GLG 470 Hydrogeology		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL EDUCATION TRACK		
ERM 426 Environmental Issues		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 414 Climate Change (SUST)		
JUS 456 / **SOS 456 Human Rights and Sustainability**		
PUP 442 Environmental Planning		
SCN 401 Sustainability Science, Technology, and Society		

Requirement	Minimum Grade	Credit Hours
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL MANAGEMENT TRACK		
BIO 412 Conservation in Practice		
CEE 400 Earth Systems Engineering and Management (SUST)		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GLG 470 Hydrogeology		
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
STP 420 Introductory Applied Statistics (QTRS)		
ENVIRONMENTAL POLICY TRACK		
BIO 412 Conservation in Practice		
ERM 426 Environmental Issues		
ERM 428 International Environmental Management		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		

Requirement	Minimum Grade	Credit Hours
GPH 414 Climate Change (SUST)		
PUP 442 Environmental Planning		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		
SUSTAINABILITY TRACK		
FIS 444 / **JUS 444 Environment and Justice**		
GIS 470 Advanced Statistics for Geography and Planning (QTRS)		
GPH 414 Climate Change (SUST)		
JUS 456 / **SOS 456 Human Rights and Sustainability**		
PUP 442 Environmental Planning		
SCN 401 Sustainability Science, Technology, and Society		
SOS 444 Climate Change, Society and Sustainability		
STP 420 Introductory Applied Statistics (QTRS)		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must

complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) OR **CHM 233 General Organic Chemistry I**	C	3
ERM 406 Environmental Chemistry OR **CHM 302 Environmental Chemistry**	C	3
MAT 251 Calculus for Life Sciences (MATH) OR **MAT 265 Calculus for Engineers I (MATH)** OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
PHY 101 Introduction to Physics (SCIT) OR **PHY 111 General Physics (SCIT)** **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
STP 231 Statistics for Life Science (QTRS) OR **GIS 270 Statistics for Geography and Planning**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.		

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Earth and Space Exploration, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LASESBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
SES 121 Earth, Solar System and Universe (SCIT) **AND** **SES 123 Earth, Solar System and Universe Laboratory (SCIT)**	C	4
SES 122 History of the Earth and Solar System **AND** **SES 124 History of the Earth and Solar System Laboratory** **OR** **SES 126 Exploration of the Universe** **AND** **SES 128 Exploration of the Universe Lab** Students interested in exploring the Earth and other objects in our solar system should take SES 122 and 124. Students with interests in exploration outside of the solar system should take SES 126 and 128.	C	4
SES 230 Coding for Exploration (QTRS)	C	3
SES 401 Earth and Space Exploration Colloquium	C	1

Requirement	Minimum Grade	Credit Hours
SES 410 Senior Exploration Project I	C	3
SES 411 Senior Exploration Project II	C	3
SES 421 Foundations of Planetary Science	C	3
Upper Division SES Branch Course		
AST 321 Stellar and Planetary Astrophysics	C	12
AST 322 Introduction to Galactic and Extragalactic Astrophysics		
GLG 310 Structural Geology		
GLG 321 Mineralogy		
GLG 418 Geophysics		
GLG 424 Petrology		
GLG 471 Hydrology		
GLG 481 Geochemistry		
GLG 490 Topic: Remote Sensing		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe		
SES 330 Practical Electronics and Instrumentation		
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)		
SES 405 Exploration Systems Engineering		

Requirement	Minimum Grade	Credit Hours
Upper Division AST/GLG/SES Elective		
Upper Division AST Elective		
Upper Division GLG Elective		
Upper Division SES Elective		
Upper Division Elective Note: 1-credit seminar/mentoring courses do not count towards fulfilling the upper-division major elective requirements in this area. However, they will count as general upper-division elective credits toward the university's 45-credit minimum required for graduation.	C	6

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

CHM 114 General Chemistry for Engineers (SCIT) For students who complete both CHM 113 and CHM 116 with a grade of "C" or better, we will accept CHM 116 in place of CHM 114.	C	4
PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**	C	4
MAT 265 Calculus for Engineers I (MATH) **OR** **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
MAT 266 Calculus for Engineers II (MATH) **OR** **MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3 - 4
MAT 267 Calculus for Engineers III (MATH) **OR** **MAT 272 Calculus with Analytic Geometry III (MATH)**	C	3 - 4
MAT 275 Modern Differential Equations (MATH)	C	3

Additional prerequisite math courses may be needed.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences**	1

Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Earth and Space Exploration (Astrobiology and Biogeosciences), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LASESABBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
SES 121 Earth, Solar System and Universe (SCIT) **AND** **SES 123 Earth, Solar System and Universe Laboratory (SCIT)**	C	4
SES 122 History of the Earth and Solar System **AND** **SES 124 History of the Earth and Solar System Laboratory** OR **SES 126 Exploration of the Universe** **AND** **SES 128 Exploration of the Universe Lab** SES 122 and 124 have an earth and planetary science focus. Students interested in life in extreme environments and the origins of life should take SES 122 and 124. SES 126 and 128 have a space-based focus. Students interested in exoplanets and the potential for life on other worlds should take SES 126 and 128.	C	4
BIO 340 General Genetics	C	4

Requirement	Minimum Grade	Credit Hours
BIO 345 Evolution	C	3
GLG 321 Mineralogy	C	3
GLG 481 Geochemistry	C	3
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe	C	3
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)	C	3
SES 410 Senior Exploration Project I	C	3
SES 411 Senior Exploration Project II	C	3
Upper Division Astrobiology & Biogeosciences Electives	C	9
AST 321 Stellar and Planetary Astrophysics		
BIO 320 Fundamentals of Ecology		
GLG 325 Oceanography		
GLG 404 Fundamentals of Planetary Geology		
GLG 435 Sedimentology and Stratigraphy		
GLG 460 Astrobiology		
GLG 461 Geomicrobiology		
GLG 485 Meteorites and Cosmochemistry		
GLG 489 Field Geochemistry		
GLG 490 Topic: Remote Sensing		

Requirement	Minimum Grade	Credit Hours
SES 421 Foundations of Planetary Science Upper Division Elective Note: 1-credit seminar/mentoring courses do not count towards fulfilling the upper-division major elective requirements in this area. However, they will count as general upper-division elective credits toward the university's 45-credit minimum required for graduation.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

BIO 181 General Biology I (SCIT)	C	4

BIO 182 General Biology II (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)** OR **PHY 112 General Physics (SCIT)** **AND** **PHY 114 General Physics Laboratory (SCIT)**	C	4
MAT 265 Calculus for Engineers I (MATH) OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
MAT 266 Calculus for Engineers II (MATH) OR **MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3 - 4
MAT 267 Calculus for Engineers III (MATH) OR **MAT 272 Calculus with Analytic Geometry III (MATH)** OR **STP 231 Statistics for Life Science (QTRS)**	C	3
Additional prerequisite math courses may be needed.		
Students who opt to take STP 231 and PHY 112/114 instead of MAT 267 or MAT 272 and PHY 131/132 will need to request a prerequisite override from the Physics Department to enroll in PHY 112 and 114. To submit the override request, please visit https://forms.thecollege.asu.edu/all/college-course-override-form.		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.		

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Earth and Space Exploration (Astrophysics), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LASESABS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
SES 121 Earth, Solar System and Universe (SCIT) **AND** **SES 123 Earth, Solar System and Universe Laboratory (SCIT)**	C	4
SES 126 Exploration of the Universe **AND** **SES 128 Exploration of the Universe Lab**	C	4
SES 230 Coding for Exploration (QTRS)	C	3
AST 321 Stellar and Planetary Astrophysics	C	3
AST 322 Introduction to Galactic and Extragalactic Astrophysics	C	3
AST 421 Astrophysics I	C	3

Requirement	Minimum Grade	Credit Hours
AST 422 Astrophysics II	C	3
AST 498 Topic: Astrophysics Seminar OR AST 394 Topic: Astrophysics Research Seminar	C	1
PHY 314 Quantum Physics I	C	3
SES 410 Senior Exploration Project I	C	3
SES 411 Senior Exploration Project II	C	3
Upper Division Astrophysics Major Elective	C	3

- GLG 404 Fundamentals of Planetary Geology
- PHY 302 Mathematical Methods in Physics II
- PHY 310 Classical Particles, Fields, and Matter I
- PHY 311 Classical Particles, Fields, and Matter II
- PHY 312 Mechanics and Electromagnetism
- PHY 315 Quantum Physics II
- PHY 361 Introductory Modern Physics
- PHY 441 Statistical and Thermal Physics
- SES 311 Essentials of Astrobiology: Exploration for Life in the Universe
- SES 350 Engineering Systems and Experimental Problem Solving (QTRS)
- SES 421 Foundations of Planetary Science
- Upper Division AST Elective

Requirement	Minimum Grade	Credit Hours
Upper Division GLG Elective		
Upper Division MAT Elective		
Upper Division PHY Elective		
Upper Division SES Elective		
Upper Division Note: A minimum of one 3-credit lecture or research course is required to fulfill this requirement. Students may not use multiple 1-credit seminar/mentoring courses to meet the 3 credits needed to satisfy this requirement.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

PHY 150 Physics I (SCIT) **OR PHY 121 University Physics I: Mechanics (SCIT)** **AND PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 151 Physics II (SCIT) **OR PHY 131 University Physics II: Electricity and Magnetism (SCIT) AND PHY 132 University Physics Laboratory II (SCIT)**	C	4
PHY 201 Mathematical Methods in Physics I (MATH)	C	3
PHY 252 Physics III (SCIT)	C	4
MAT 270 Calculus with Analytic Geometry I (MATH) **OR MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) **OR MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) **OR MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
SESE will accept Calculus for Engineers I, II, and III (MAT 265, 266, and 267) although MAT 270, 271 and 272 are encouraged.		
MAT 275 Modern Differential Equations (MATH) Students who complete PHY 302 with a grade of "C" or better may use PHY 302 in place of the MAT 275 requirement. May not double-count PHY 302 as an upper-division major elective and related area course.	C	3

Additional prerequisite math courses may be needed.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Earth and Space Exploration (Exploration Systems Design), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LASESESDBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
EEE 202 Circuits I	C	4
SES 100 Introduction to Exploration (QTRS)	C	3
SES 121 Earth, Solar System and Universe (SCIT) **AND** **SES 123 Earth, Solar System and Universe Laboratory (SCIT)**	C	4
SES 122 History of the Earth and Solar System **AND** **SES 124 History of the Earth and Solar System Laboratory** OR **SES 126 Exploration of the Universe** **AND** **SES 128 Exploration of the Universe Lab** Students interested in exploring the Earth and other objects in our solar system should take SES 122 and 124. Students with interests in exploration outside of the solar system should take SES 126 and 128.	C	4

Requirement	Minimum Grade	Credit Hours
MAE 201 Mechanics of Particles and Rigid Bodies I: Statics	C	3
SES 330 Practical Electronics and Instrumentation	C	4
SES 350 Engineering Systems and Experimental Problem Solving (QTRS)	C	3
SES 405 Exploration Systems Engineering	C	3
SES 410 Senior Exploration Project I	C	3
SES 411 Senior Exploration Project II	C	3
Upper Division Exploration Systems Design Elective	C	3
AST 321 Stellar and Planetary Astrophysics		
AST 322 Introduction to Galactic and Extragalactic Astrophysics		
GLG 321 Mineralogy		
GLG 404 Fundamentals of Planetary Geology		
GLG 424 Petrology		
GLG 471 Hydrology		
SES 307 Space Works I: Design, Build, Test		
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe		
SES 407 Space Works II: Model, Fabricate, Test		
SES 421 Foundations of Planetary Science		

Requirement	Minimum Grade	Credit Hours
Upper Division Note: A minimum of one 3-credit lecture or research course is required to fulfill this requirement. Students may not use multiple 1-credit seminar/mentoring courses to meet the 3 credits needed to satisfy this requirement.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

CHM 114 General Chemistry for Engineers (SCIT)	C	4
PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**	C	4

PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**	C	4
MAT 265 Calculus for Engineers I (MATH) **OR** **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3 - 4
MAT 266 Calculus for Engineers II (MATH) **OR** **MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3 - 4
MAT 267 Calculus for Engineers III (MATH) **OR** **MAT 272 Calculus with Analytic Geometry III (MATH)**	C	3 - 4
MAT 275 Modern Differential Equations (MATH)	C	3

Additional prerequisite math courses may be needed.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Earth and Space Exploration (Geological and Planetary Sciences), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LASESGSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
SES 121 Earth, Solar System and Universe (SCIT) AND SES 123 Earth, Solar System and Universe Laboratory (SCIT)	C	4
SES 122 History of the Earth and Solar System AND SES 124 History of the Earth and Solar System Laboratory	C	4
SES 230 Coding for Exploration (QTRS)	C	3
GLG 305 Dynamic Earth	C	3
GLG 310 Structural Geology	C	3
GLG 321 Mineralogy	C	3
GLG 451 Field Geology I	C	3

Requirement	Minimum Grade	Credit Hours
GLG 452 Field Geology II	C	3
SES 401 Earth and Space Exploration Colloquium	C	1
Upper Division GLG or SES Elective		
Upper Division GLG Elective		
Upper Division SES Elective		
Upper Division Elective Note: 1-credit seminar/mentoring courses do not count towards fulfilling the upper-division major elective requirements in this area. However, they will count as general upper-division elective credits toward the university's 45-credit minimum required for graduation.	C	9

GLG Branch Courses

Students must complete a minimum of four GLG Branch courses (12 credits), including at least one of the following: GLG 424: Petrology or GLG 435: Sedimentology and Stratigraphy. If students take both GLG 424 and GLG 435, one will count toward the Tier 1 requirement, while the other will satisfy a Tier 2 branch course requirement. Branch courses may not double count as GLG or SES electives; however, students who take more than four branch courses can apply additional courses toward GLG or SES Upper-Division Electives.

Upper Division GLG Branch Course: Tier 1		
GLG 424 Petrology	C	3
GLG 435 Sedimentology and Stratigraphy		

Requirement	Minimum Grade	Credit Hours
Upper Division GLG Branch Course: Tier 2		
GLG 362 Geomorphology		
GLG 404 Fundamentals of Planetary Geology		
GLG 418 Geophysics		
GLG 424 Petrology		
GLG 430 Paleontology	C	9
GLG 435 Sedimentology and Stratigraphy		
GLG 470 Hydrogeology		
GLG 481 Geochemistry		
SES 421 Foundations of Planetary Science		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

CHM 114 General Chemistry for Engineers (SCIT) For students who complete both CHM 113 and CHM 116 with a grade of "C" or better, we will accept CHM 116 in place of CHM 114.	C	4
PHY 121 University Physics I: Mechanics (SCIT) AND PHY 122 University Physics Laboratory I (SCIT)	C	4
MAT 265 Calculus for Engineers I (MATH) **OR MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3
MAT 266 Calculus for Engineers II (MATH) **OR MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3

Additional prerequisite math courses may be needed.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Economics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAECNBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 312 Intermediate Microeconomic Theory (SOBE)	C	3
ECN 313 Intermediate Macroeconomic Theory (SOBE)	C	3
ECN 310 Applied Regression and Data Analytics OR **ECN 425 Introduction to Econometrics**	C	3
ECN 475 Capstone in Economics	C	3
Economics electives		
400-Level **ECN Elective**	C	6
Upper Division **ECN Elective**	C	6
The College Requirements		

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

Economics Related Area	C	6
ACC Elective		
Upper Division AGB Elective		
Upper Division ASB Elective		
Upper Division ASB Elective		
CIS Elective		
Upper Division DAT Elective		
ENG 301 Writing for the Professions		
Upper Division FIN Elective		
Upper Division GCU Elective		

Upper Division GIS Elective

Upper Division GPH Elective

Upper Division HPS Elective

Upper Division HST Elective

Upper Division LES Elective

LIA 484 Internship

Upper Division MAT Elective

Upper Division MKT Elective

Upper Division NLM Elective

PAF Elective

Upper Division PHI Elective

Upper Division POS Elective

PSY 304 Effective Thinking

PSY 350 Social Psychology (SOBE)

400-Level PSY Elective

Upper Division PUP Elective

Upper Division REA Elective

Upper Division SCM Elective

Upper Division SGS Elective

Upper Division SOC Elective

Upper Division STP Elective

USL 410 Service Learning: Diverse Community Issues		

Math and Statistics

Students considering graduate work in economics should choose MAT 270 or MAT 265, and MAT 271 or MAT 266, instead of MAT 210 and MAT 211.

MAT 210 Brief Calculus (MATH) OR **MAT 270 Calculus with Analytic Geometry I (MATH)** OR **MAT 265 Calculus for Engineers I (MATH)** Students who do not place into MAT 210, MAT 265 or MAT 270 should enroll in the appropriate prerequisite course, MAT 117 or MAT 170. Do not enroll in MAT 114.	C	3
MAT 211 Mathematics for Business Analysis OR **MAT 271 Calculus with Analytic Geometry II (MATH)** OR **MAT 266 Calculus for Engineers II (MATH)**	C	3
ECN 221 Business Statistics (QTRS) **or** **ECN 231 Honors Business Statistics (QTRS)** OR **STP 226 Elements of Statistics (QTRS)** OR **STP 420 Introductory Applied Statistics (QTRS)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-		1

LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Economics (Politics and the Economy), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAECNPECBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Core requirements

ECN 211 Macroeconomic Principles (SOBE)	C	3
ECN 212 Microeconomic Principles (SOBE)	C	3
ECN 312 Intermediate Microeconomic Theory (SOBE)	C	3
ECN 313 Intermediate Macroeconomic Theory (SOBE)	C	3
ECN 441 Public Economics (CIVI)	C	3
ECN 453 Competition Policy, Business Strategy and Industrial Organization	C	3
ECN 475 Capstone in Economics	C	3

Requirement	Minimum Grade	Credit Hours
ECN 310 Applied Regression and Data Analytics OR **ECN 425 Introduction to Econometrics**	C	3
ECN 345 Survey of Energy and Environmental Economic Issues (SUST) OR **ECN 355 Economics of Health Care** OR **ECN 445 Environmental Economics** OR **ECN 455 Health Economics**	C	3
Upper Division **ECN Elective**	C	3
POS 348 Do You Want to Build a Nation? (CIVI)	C	3

Concentration Electives

Concentration Electives	C	9

Law

POS 270 American Legal System

POS 313 The Congress (AMIT)

POS 315 The Supreme Court

POS 368 Ethics and Human Rights (GCSI)

POS 370 Law and Society (CIVI)

POS 465 International Organization and Law (GCSI)

POS 471 Constitutional Law I (AMIT)

POS 472 Constitutional Law II

Politics

Requirement	Minimum Grade	Credit Hours
POS 150 Comparative Government (GCSI) or POS 350 Comparative Politics (GCSI)		
POS 160 Global Politics (GCSI) or POS 360 World Politics (GCSI)		
POS 210 Political Ideologies (CIVI)		
POS 240 Introduction to Southeast Asia		
POS 260 Current Issues in International Politics (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 301 Empirical Political Inquiry (SOBE)		
POS 305 Politics and Film (HUAD)		
POS 331 Public Opinion		
POS 332 American Political Parties		
POS 336 Voters in America		
POS 337 Political Psychology		
POS 338 Fake News: How to Identify and Refute It		
POS 346 Problems of Democracy (HUAD)		
POS 351 Democratization (GCSI)		
POS 352 European Democracies		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 356 European Union (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 359 African Politics and Society		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 379 The Resource Curse		
POS 417 Arizona Politics		
POS 434 Media and Politics		
POS 435 Women and Politics (SOBE)		
POS 454 Mexico		
POS 466 Migration, Environment and Global Security		
US Government		
POS 110 American Government and Politics (AMIT) **or** POS 310 American National Government (AMIT)		
POS 216 State and Local Government (CIVI)		
POS 230 Current Issues in National Politics (AMIT)		
POS 270 American Legal System		
POS 313 The Congress (AMIT)		
POS 314 The American Presidency (AMIT)		
POS 315 The Supreme Court		
POS 325 Public Policy Development (CIVI)		

Requirement	Minimum Grade	Credit Hours
POS 333 Interest Groups		
POS 410 Governing American Cities		
POS 439 Minority Group Politics in America		
Complete a minimum of three concentration electives. Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area or select two from one area and a third from a different area. All concentration electives must be completed with a grade of C or better.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Math and Statistics

MAT 210 Brief Calculus (MATH) OR **MAT 270 Calculus with Analytic Geometry I (MATH)** Students who do not place into MAT 210 or MAT 270 should enroll in the appropriate prerequisite course, MAT 117 or MAT 170. Do not enroll in MAT 114.	C	3
MAT 211 Mathematics for Business Analysis OR **MAT 271 Calculus with Analytic Geometry II (MATH)**	C	3
Students considering graduate work in economics should choose MAT 270 instead of MAT 210 and MAT 271 instead of MAT 211.		
ECN 221 Business Statistics (QTRS) **or** **ECN 231 Honors Business Statistics (QTRS)** OR **STP 226 Elements of Statistics (QTRS)** OR **STP 420 Introductory Applied Statistics (QTRS)** OR **POS 401 Political Statistics (QTRS)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAENGBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.

Core

ENG 211 Introduction to English Studies (HUAD)	C	3
ENG 305 Interpretive Theory (HUAD)	C	3
ENG 308 Form and History/Culture (HUAD)	C	3
ENG 309 Rhetoric for Writers (CIVI)	C	3
ENG 327 English Studies Research	C	3
ENG 489 Scholarly Products	C	3

Directed Electives

Requirement	Minimum Grade	Credit Hours
Six of the 18 hours taken to fulfill the Analysis of Language and Literature Elective, Analysis of Film and Media Elective and Writing Elective must be upper division.		
Analysis of Literature and Language Elective	C	6
ENG 204 Topics in Contemporary Literature (HUAD)		
ENG 221 Survey of English Literature I (HUAD)		
ENG 222 Survey of English Literature II (HUAD)		
ENG 229 Love and Lust in Medieval Literature		
ENG 241 Literatures of the United States to 1860 (HUAD)		
ENG 242 Literatures of the United States, 1860 to Present (HUAD)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
ENG 318 The Life and Death of Languages		
ENG 319 Future of English (GCSI)		
ENG 321 Shakespeare (HUAD)		
ENG 323 Rhetoric and Grammar		
ENG 328 The Novel to Jane Austen (HUAD)		
ENG 329 19th-Century British Fiction		
ENG 333 American Ethnic Literature		
ENG 334 The American Southwest in Literature and		

Requirement	Minimum Grade	Credit Hours
Film (HUAD)		
ENG 337 Major American Novels		
ENG 345 Selected Authors or Issues		
ENG 352 Short Story (HUAD)		
ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 356 The Bible as Literature		
ENG 359 Indigenous American Literature		
ENG 360 Western American Literature (HUAD)		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 364 Women and Literature (HUAD)		
ENG 369 Science Fiction Studies		
ENG 386 American Gothic		
ENG 400 History of Literary Criticism		
ENG 413 History of English Language		
ENG 420 Multicultural Autobiographies (HUAD)		
ENG 421 Studies in Shakespeare (HUAD)		
ENG 423 Renaissance Drama		

Requirement	Minimum Grade	Credit Hours
ENG 432 The American Renaissance		
ENG 436 Studies in Anglophone Literature and Culture		
ENG 440 Studies in American Literature and Culture		
ENG 457 Studies in American Poetry (HUAD)		
ENG 460 Ethnic Women Writers		
ENG 470 Studies in Children's Literature (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		
ENG 472 Rhetorical Studies		
ENG 477 World Literature		
Analysis of Film and Media Elective	C	6
ENG 220 Gender, Media and Culture (HUAD)		
ENG 324 Horror: Film and Short Stories (HUAD)		
ENG 336 Women, Film and Culture		
ENG 343 Crime: Film and Short Stories (HUAD)		
ENG 362 / FMS 362 Film and Media Franchises		
ENG 365 History of Film (HUAD)		
ENG 366 Literature on Film		
ENG 441 Introduction to Participatory Media		
ENG 443 Gender, Culture and Literacy		

Requirement	Minimum Grade	Credit Hours
ENG 465 Studies in Film		
ENG 466 Studies in International Film		
FMS 110 Introduction to New Media (HUAD)		
FMS 360 Media Genres		
Writing Elective	C	6
ENG 200 Critical Reading and Writing About Literature (HUAD)		
ENG 210 Introduction to Creative Writing		
ENG 215 Strategies of Academic Writing		
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 217 Writing Reflective Essays (HUAD)		
ENG 287 Beginning Creative Writing Workshop in Poetry		
ENG 288 Beginning Creative Writing Workshop in Fiction		
ENG 301 Writing for the Professions		
ENG 310 Intermediate Creative Writing		
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 379 Travel Writing		

Requirement	Minimum Grade	Credit Hours
ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice		
ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice		
ENG 410 Writing for Publication		

The College Requirements

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU		1

101-LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to explore internship opportunities. Learn more here: https://english.asu.edu/students/internships.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More information is available at https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English (Creative Writing), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAENGCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.		
Check: Minimum 3.25 Major GPA		
Core		
ENG 110 Approaching Big Problems	C	3
ENG 300 Your Degree in the World	C	1
Creative Writing Core		
ENG 281 Introduction to Creative Nonfiction (HUAD) OR **ENG 287 Beginning Creative Writing Workshop in Poetry**	C	6

Requirement	Minimum Grade	Credit Hours
OR ENG 288 Beginning Creative Writing Workshop in Fiction		
ENG 381 Craft of Creative Nonfiction OR ENG 387 Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice OR ENG 388 Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice	C	3
ENG 481 Advanced Creative Nonfiction OR ENG 487 Advanced Creative Writing Workshop in Poetry OR ENG 488 Advanced Creative Writing Workshop in Fiction	B	3

Literary Study Courses

ENG 251 Reading as a Writer	C	3
ENG 351 Developing as Writers: Vision and Strategy	C	3
ENG 451 The Writer in Context or Collaboration: Interdisciplinary Study	C	3

Directed Electives

Upper Division Creative Writing Elective ENG 307 Writing Science Fiction (HUAD) ENG 494 Topic: Language, Literature, and Translation ENG 494 Topic: Literary Horror: The Uncanny	C	3

Requirement	Minimum Grade	Credit Hours
ENG 494 Topic: Research-Based Fiction		
Upper Division Creative Writing Elective	C	6
ENG 307 Writing Science Fiction (HUAD)		
ENG 494 Topic: Language, Literature, and Translation		
ENG 494 Topic: Literary Horror: The Uncanny		
ENG 494 Topic: Research-Based Fiction		
OR **Upper Division Literature Elective**		
ENG 304 Critical Theories and Methods		
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 337 Major American Novels		
ENG 349 Global Literary Studies		
ENG 350 Studies in Literary Histories and Traditions		
ENG 352 Short Story (HUAD)		
ENG 359 Indigenous American Literature		
ENG 367 Environmental Issues in Literature and Film		
ENG 378 Environmental Creative Nonfiction (HUAD)		
ENG 384 Studies in Gender and Sexuality in Literature and Culture		
ENG 400 History of Literary Criticism		

Requirement	Minimum Grade	Credit Hours
ENG 440 Studies in American Literature and Culture		
ENG 444 Topics for Interdisciplinary Study of Literature and Culture		
ENG 452 Studies in the Novel (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		

The College Requirements

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences**		1

Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to explore internship opportunities. Learn more here: https://english.asu.edu/students/internships.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More

information is available at https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English (Linguistics), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAENGNBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.		
Check: Minimum 2.00 Major GPA		
Core		
ENG 110 Approaching Big Problems	C	3
ENG 300 Your Degree in the World	C	1
Linguistics Core		
ENG 213 Introduction to the Study of Language (SOBE) OR **SLC 201 Introduction to Linguistics (SOBE)**	C	3
ENG 312 English in its Social Setting (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
ENG 313 Phonology and Morphology	C	3
ENG 314 Modern Grammar	C	3
ENG 403 Semantics OR **ENG 404 Studies in Second Language Acquisition** OR **ENG 414 Studies in Linguistics**	C	6
ENG 413 History of English Language	C	3

Major Electives

ENG Elective	C	3
Upper Division **ENG Elective** OR **ENG 484 Internship**	C	3

Major Language Requirement

Language Requirement	C	3

> Course taught in a language other than English beyond the 202 level OR introductory course in a third language (not English) OR language course approved by academic advising.
>
> **ARB 311 Advanced Arabic Skills I**
>
> **ARB 315 Advanced Arabic for Heritage Speakers**
>
> **CHI 301 Third-Year Chinese I**
>
> **ENG 530 Old English**

Requirement	Minimum Grade	Credit Hours
FRE 311 Oral and Written Expression I		
HEB 313 Advanced Modern Hebrew I		
HEB 314 Advanced Modern Hebrew II		
ITA 311 Speak Italy: Language, People, Culture		
JPN 301 Third-Year Japanese I		
KOR 313 Third-Year Korean I		
RUS 311 Russian Society I		
RUS 312 Russian Society II		
SPA 313 Spanish Conversation and Composition		
SPA 315 Advanced Spanish I for Bilinguals (SOBE)		
VTN 321 Advanced Vietnamese and Literature I		

The College Requirements

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH)	C	3

Recommended: **MAT 114**

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to explore internship opportunities. Learn more at https://english.asu.edu/students/internships.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English (Literature), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAENGTBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.		
Check: Minimum 2.00 Major GPA		
English core		
ENG 110 Approaching Big Problems	C	3
ENG 300 Your Degree in the World	C	1
Required courses		
ENG 206 Introduction to Literary Studies (HUAD)	C	3
ENG 221 Survey of English Literature I (HUAD) OR **ENG 241 Literatures of the United States to 1860 (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
ENG 222 Survey of English Literature II (HUAD) OR **ENG 242 Literatures of the United States, 1860 to Present (HUAD)**	C	3
ENG 304 Critical Theories and Methods	C	3
ENG 332 Studies in Race and Ethnicity in Literature and Culture OR **ENG 384 Studies in Gender and Sexuality in Literature and Culture**	C	3
ENG 349 Global Literary Studies OR **ENG 350 Studies in Literary Histories and Traditions**	C	3
ENG 444 Topics for Interdisciplinary Study of Literature and Culture	C	3
ENG 491 Topics for Advanced Research	C	3
Major Electives		
Upper Division **ENG Elective** OR **ENG 484 Internship**	C	3
ENG Elective	C	3
The College Requirements		
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the	C	16

intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.		
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to explore internship opportunities. Learn more at: https://english.asu.edu/students/internships.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English (Narrative Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAENGNSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.

English Core

ENG 110 Approaching Big Problems	C	3
ENG 300 Your Degree in the World	C	1

Required Courses

ENG 240 Introduction to Narrative Studies (HUAD)	C	3
ENG 340 Studies in Narrative	C	3

Directed Electives

Requirement	Minimum Grade	Credit Hours
Directed Electives	C	6

Directed elective courses may be chosen from any of the following lists: Form, Craft, and Society. Students wishing to specialize in one area may take all 21 elective credits from that list.

FORM

ENG 203 Introduction to Health Humanities

ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)

ENG 206 Introduction to Literary Studies (HUAD)

ENG 308 Form and History/Culture (HUAD)

ENG 349 Global Literary Studies

ENG 350 Studies in Literary Histories and Traditions

ENG 352 Short Story (HUAD)

ENG 471 Literature for Young Adults (HUAD)

FMS 340 Contemporary American Film and Popular Culture (HUAD)

FMS 360 Media Genres

CRAFT

ENG 288 Beginning Creative Writing Workshop in Fiction

ENG 307 Writing Science Fiction (HUAD)

ENG 311 Persuasive Writing (CIVI)

Requirement	Minimum Grade	Credit Hours
ENG 391 Writing in Context		
ENG 394 Topic: Writing in the Digital Age		
ENG 394 Topic: The Art of Popular Literature - Stephen King		
ENG 394 Topic: Ghosts in the Attic, Bodies in the Basement		
FMS 209 Screenwriting Fundamentals		
FMS 309 Intermediate Screenwriting		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
Society		
ENG 319 Future of English (GCSI)		
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 359 Indigenous American Literature		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 384 Studies in Gender and Sexuality in Literature and Culture		
FMS 340 Contemporary American Film and Popular Culture (HUAD)		

Requirement	Minimum Grade	Credit Hours
FMS 375 LGBTV: Television, Sexuality and Gender		
FMS 380 Race and Gender in U.S. Media (HUAD)		
FMS 474 Women and Power in Media		
Upper Division Directed Electives	C	15
Directed elective courses may be chosen from any of the following lists: Form, Craft, and Society. Students wishing to specialize in one area may take all 21 elective credits from that list.		
FORM		
ENG 308 Form and History/Culture (HUAD)		
ENG 349 Global Literary Studies		
ENG 350 Studies in Literary Histories and Traditions		
ENG 352 Short Story (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		
FMS 340 Contemporary American Film and Popular Culture (HUAD)		
FMS 360 Media Genres		
CRAFT		
ENG 307 Writing Science Fiction (HUAD)		
ENG 311 Persuasive Writing (CIVI)		
ENG 391 Writing in Context		

Requirement	Minimum Grade	Credit Hours
ENG 394 Topic: Writing in the Digital Age		
ENG 394 Topic: The Art of Popular Literature - Stephen King		
ENG 394 Topic: Ghosts in the Attic, Bodies in the Basement		
FMS 309 Intermediate Screenwriting		
FMS 351 Emerging Digital Media (HUAD)		
FMS 365 Video Games and Narrative		
Society		
ENG 319 Future of English (GCSI)		
ENG 332 Studies in Race and Ethnicity in Literature and Culture		
ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)		
ENG 359 Indigenous American Literature		
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
ENG 384 Studies in Gender and Sexuality in Literature and Culture		
FMS 340 Contemporary American Film and Popular Culture (HUAD)		
FMS 375 LGBTV: Television, Sexuality and Gender		
FMS 380 Race and Gender in U.S. Media (HUAD)		

Requirement	Minimum Grade	Credit Hours
FMS 474 Women and Power in Media		

The College Requirements

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to explore internship opportunities. Learn more at: https://english.asu.edu/students/internships.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - English (Secondary Education), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAENGSEBA
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.

Core

ENG 110 Approaching Big Problems	C	3
ENG 213 Introduction to the Study of Language (SOBE)	C	3
ENG 221 Survey of English Literature I (HUAD)	C	3
ENG 222 Survey of English Literature II (HUAD)	C	3
ENG 241 Literatures of the United States to 1860 (HUAD)	C	3
ENG 242 Literatures of the United States, 1860 to Present (HUAD)	C	3
ENG 300 Your Degree in the World	C	1

Requirement	Minimum Grade	Credit Hours
ENG 312 English in its Social Setting (SOBE) OR ENG 314 Modern Grammar	C	3
ENG 321 Shakespeare (HUAD) OR ENG 421 Studies in Shakespeare (HUAD) OR ENG 422 Special Topics in Shakespeare	C	3
ENG 471 Literature for Young Adults (HUAD)	C	3
ENG 486 Teaching Text	C	3
Ethnic or Women's Literature ENG 332 Studies in Race and Ethnicity in Literature and Culture ENG 333 American Ethnic Literature ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD) ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD) ENG 359 Indigenous American Literature ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD) ENG 364 Women and Literature (HUAD) ENG 384 Studies in Gender and Sexuality in Literature and Culture	C	3

Secondary Education Courses for Concentration

Requirement	Minimum Grade	Credit Hours
BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)	C	3
ENG 480 Methods of Teaching English: Composition	C	3
ENG 482 Methods of Teaching English: Language	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 310 Instructional Design and Planning: Instructional Thought and Action While enrolled in TEL 310, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods While enrolled in TEL 332, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 60 hours over the semester. Reliable transportation is needed to get to school sites.	C	4
TEL 366 Professional Experience Internship While enrolled in TEL 366, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete	C	1

Requirement	Minimum Grade	Credit Hours
45 hours over the semester. Reliable transportation is needed to get to school sites.		
TEL 488 Student Teaching All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.	C	12
Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College advisor to plan appropriately.		

The College Requirements

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal**		1

Arts and Sciences
Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - English (Writing, Rhetorics and Literacies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAENGWBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.		
Check: Minimum 2.00 Major GPA		
English Core		
ENG 110 Approaching Big Problems	C	3
ENG 300 Your Degree in the World	C	1
Concentration		
ENG 205 Introduction to Writing, Rhetorics and Literacies (CIVI)	C	3
ENG 390 Methods of Inquiry	C	3

Requirement	Minimum Grade	Credit Hours
ENG 391 Writing in Context	C	3
ENG 392 History of Rhetorical Theory (CIVI)	C	3
ENG 393 Theories of Literacy	C	3

Directed Electives

Upper Division Directed Electives

ENG 301 Writing for the Professions	C	9
ENG 311 Persuasive Writing (CIVI)		
ENG 317 Cross-Cultural Writing (HUAD)		
ENG 338 Protest Literature		
ENG 370 Science, Values, and the Public		
ENG 371 Rhetoric of the Environmental Movement		
ENG 409 Analyzing Rhetoric		
ENG 419 Writing for Podcasts		
ENG 472 Rhetorical Studies		

Internship

ENG 484 Internship	C	3

Major Electives

Requirement	Minimum Grade	Credit Hours
Major Electives		
200-Level ENG Elective		
300-Level ENG Elective	C	6
400-Level ENG Elective		

The College Requirements

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences**		1

Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to explore internship opportunities. Learn more at: https://english.asu.edu/students/internships.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More

information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Family and Human Development, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAFASBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Major Core

CDE 232 Human Development (SOBE)	C	3
FAS 101 Personal Growth and Relationships (SOBE)	C	3
FAS 201 Careers in Family and Human Development	C	1
FAS 290 Introduction to Social Science Research	C	3
FAS 331 Modern Family Relationships (SOBE)	C	3
FAS 370 Family Ethnic and Cultural Diversity (CIVI)	C	3

Statistics

Requirement	Minimum Grade	Credit Hours
SOC 390 Social Statistics I (QTRS) OR **STP 226 Elements of Statistics (QTRS)**	C	3
Developmental Course		
CDE 312 Adolescence (SOBE) OR **CDE 414 The School-Aged Child: Development in the Elementary Years** OR **CDE 418 Aging and the Life Course (SOBE)** OR **CDE 430 Infant and Toddler Development in the Family (SOBE)**	C	3
Capstone		
CDE 450 Childhood Disorders and Family Functioning OR **FAS 361 Applied Research Methods (SOBE)** OR **FAS 435 Advanced Topics in Modern Family Relationships (SOBE)**	C	3
Major Electives		
Upper Division **CDE Elective** OR Upper Division **FAS Elective** A maximum of six credits combined of CDE 484, CDE 499, FAS 390, FAS 484 and FAS 499 may apply to major electives.	C	9
CDE Elective OR **FAS Elective**	C	3
The College Requirements		

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

Related Area Subjects	C	9
CAP Elective		
COM Elective		
DST Elective		
ECS Elective		
NLM Elective		
OGL Elective		
PRM Elective		

PSY Elective

RTH Elective

SHS Elective

SOC Elective

SPE Elective

SWU Elective

Complete 9 credits from the related area subjects list.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

An internship is recommended but not required.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Film (Film and Media Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAFMSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.

Core

FMS 100 Introduction to Film and Media Studies (HUAD)	C	3
FMS 200 Film and Media History (HUAD)	C	3
FMS 300 Television Studies (HUAD)	C	3
FMS 351 Emerging Digital Media (HUAD)	C	3
FMS 380 Race and Gender in U.S. Media (HUAD)	C	3

Film and Media Studies Electives

Upper Division **FMS Elective**	C	9

Requirement	Minimum Grade	Credit Hours
FMS Elective	C	6
Other Major Electives		
Upper Division **FMS Elective** OR Upper Division **FMP Elective** OR **FMS 484 Internship**	C	3
FMS Elective OR **FMP Elective**	C	3
The College Requirements		
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More

information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing.

Students are encouraged to explore internship opportunities.
Learn more at: https://english.asu.edu/students/internships.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - French, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAFREBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
FRE 305 Readings in French Literature	C	3
FRE 311 Oral and Written Expression I	C	3
FRE 312 Oral and Written Expression II	C	3
FRE 321 French Cultural Masterpieces I OR **FRE 322 French Cultural Masterpieces II**	C	6
400-Level FRE Electives **FRE 411 Advanced Spoken French** **FRE 412 Advanced Written French** **FRE 414 French and Italian Popular Culture (GCSI)** **FRE 415 French Civilization I**	C	9

Requirement	Minimum Grade	Credit Hours
FRE 416 French Civilization II		
FRE 461 Modern Narrative		
FRE 484 Internship		
FRE 493 Honors Thesis		
FRE 494 Special Topics		
FRE 499 Individualized Instruction		
Upper Division Electives	C	3
FRE 315 French Phonetics		
FRE 319 Business French		
FRE 325 French Language and Culture Through Film		
FRE 394 Special Topics		
FRE 411 Advanced Spoken French		
FRE 412 Advanced Written French		
FRE 414 French and Italian Popular Culture (GCSI)		
FRE 415 French Civilization I		
FRE 416 French Civilization II		
FRE 461 Modern Narrative		
FRE 484 Internship		
FRE 493 Honors Thesis		

Requirement	Minimum Grade	Credit Hours
FRE 494 Special Topics		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with French (FRE) courses.	C	16

Additional Requirements

Upper Division Related Area Course **ARS 310 The Renaissance in Tuscany** **ARS 414 Monasteries, Madonnas and Manuscripts**	C	3

ARS 424 Italian Baroque Art

ARS 438 Art of the 20th Century I (HUAD)

ARS 439 Art of the 20th Century II

COM 371 Language, Culture and Communication (GCSI)

FMP 404 World Cinema

GCU 325 Geography of Europe (GCSI)

GCU 359 Cities of the World I

HST 349 Early Middle Ages

HST 350 Later Middle Ages (GCSI)

HST 351 Renaissance Europe

HST 352 Europe's Reformations

HST 356 Europe since 1945

HST 360 Crusades and Holy Wars (HUAD)

HST 361 Witchcraft and Heresy in Europe (HUAD)

HST 364 Sex and Society in Europe (HUAD)

HST 368 Culture and Imagination in European History

HST 465 Women in Europe, 1750 to Present

ITA 350 Food and Culture: The Mediterranean Lifestyle in Italy

POS 356 European Union (GCSI)

POS 360 World Politics (GCSI)

POS 486 International Political Economy (GCSI)

REL 385 Contemporary Western Religious Thought

REL 470 Religion in the Middle Ages

REL 471 Reformation and Modern Christianity

SGS 360 Cultural Aspects of Globalization

SLC 340 Approaches to International Cinema (GCSI)

SLC 373 Roman History I: Foundations and Republic

SLC 374 Roman History II: The Roman Empire (GCSI)

SLC 423 Italian Organized Crime in Films and History (HUAD)

SLC 429 Studies in European Literature and Culture

SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov

SLC 445 Holocaust, War and German Memory

SLC 446 Weimar-Era German Film (HUAD)

SLC 447 German Modernism

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences

OR **ASU 101-LA The ASU Experience**

1

Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Gender, Women and Sexuality Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAWSTBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Major Core		
WST 100 Women, Gender, and Society (SOBE) OR **WST 300 Women and Gender in Contemporary Society (SOBE)**	C	3
WST 377 History of American Feminist Thought (HUAD) OR **WST 378 Global Feminist Theory (GCSI)**	C	3
WST 380 Race, Gender, and Class (SOBE)	C	3
400-Level **WST Elective** OR **WST 484 Internship** OR **SST 484 Internship** WST or SST 484 Internship strongly encouraged. WST/SST 484 requires departmental approval prior to enrollment. Visit	C	3

Requirement	Minimum Grade	Credit Hours
https://sst.asu.edu/internships to get started.		
WST 498 Pro-Seminar	C	3

Major Electives

WST Elective	C	3
Upper Division **WST Elective**	C	12

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that statisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as its prerequisite.	C	16

Additional Requirements

Upper Division Gender, Women, and Sexuality Studies Related Area AFR Elective AMS Elective	C	12

APA Elective

JUS Elective

SST Elective

WST Elective

ARB 341 Quran Text and Women (GCSI)

ARS 485 Women in the Visual Arts

COM 316 Gender and Communication (SOBE)

COM 416 Gender and Race in the Media

COM 446 Performance of Literature Written by Women

CRJ 305 Gender, Crime, and Criminal Justice (SOBE)

ENG 364 Women and Literature (HUAD)

ENG 454 Gender and Literature (HUAD)

ENG 455 Contemporary Women Writers

ENG 460 Ethnic Women Writers

ENG 461 Studies in Women and Literature

ENG 462 Africana Literature

FAS 331 Modern Family Relationships (SOBE)

FAS 332 Human Sexuality (SOBE)

FAS 436 Sexuality in Mid-Life and Beyond

HST 327 Women in U.S. History, 1600 to 1880 (HUAD)

HST 328 Women in U.S. History, 1880-1980 (HUAD)

HST 465 Women in Europe, 1750 to Present

IAP 310 Women in Art

LSC 363 Genes, Race, Gender, and Society

MUS 410 History of Women in Music (HUAD)

POS 435 Women and Politics (SOBE)

POS 436 Gender, Sexuality, Nation-States

PSY 369 Biology of Human Sexuality

PSY 385 Psychology of Gender (SOBE)

PUP 445 Women and Environments

REL 369 Women in Islam

REL 390 Women, Gender and Religion (GCSI)

SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)

Gender, Women, and Sexuality Studies Related Area	C	3

AFR Elective

AMS Elective

APA Elective

JUS Elective

SST Elective

WST Elective

ARB 341 Quran Text and Women (GCSI)

ARS 485 Women in the Visual Arts

ASB 210 Human Sexuality: Anthropological Perspectives (GCSI)

ASB 211 Women in Other Cultures

COM 316 Gender and Communication (SOBE)

COM 416 Gender and Race in the Media

COM 446 Performance of Literature Written by Women

CRJ 305 Gender, Crime, and Criminal Justice (SOBE)

ENG 364 Women and Literature (HUAD)

ENG 454 Gender and Literature (HUAD)

ENG 455 Contemporary Women Writers

ENG 460 Ethnic Women Writers

ENG 461 Studies in Women and Literature

ENG 462 Africana Literature

FAS 331 Modern Family Relationships (SOBE)

FAS 332 Human Sexuality (SOBE)

FAS 436 Sexuality in Mid-Life and Beyond

HST 327 Women in U.S. History, 1600 to 1880 (HUAD)

HST 328 Women in U.S. History, 1880-1980 (HUAD)

HST 465 Women in Europe, 1750 to Present

IAP 310 Women in Art

LSC 363 Genes, Race, Gender, and Society

MUS 410 History of Women in Music (HUAD)

POS 435 Women and Politics (SOBE)

POS 436 Gender, Sexuality, Nation-States

PSY 369 Biology of Human Sexuality

PSY 385 Psychology of Gender (SOBE)

PUP 445 Women and Environments

REL 369 Women in Islam

REL 390 Women, Gender and Religion (GCSI)

SOC 264 Sociology of Gender (CIVI)

SOC 315 Sociology of Dating, Relationships and Marriage (SOBE)

Prerequiste courses may be required in order to enroll in some of the courses listed.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Geographic Information Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAGISBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
GIS 205 Geographic Information Science I (QTRS)	C	3
GIS 211 Geographic Information Science II (QTRS)	C	4
GIS 311 Geographic Information Science III (QTRS)	C	4
GIS 270 Statistics for Geography and Planning	C	3
GIS 470 Advanced Statistics for Geography and Planning (QTRS)	C	3
GIS 222 Programming Principles in GIS I	C	3
GIS 322 Programming Principles in GIS II	C	3
Upper Division GIS Applied Experience	C	3
GIS 484 Internship		

Requirement	Minimum Grade	Credit Hours
GIS 498 Pro-Seminar		
GIS 499 Individualized Instruction		
GPH 492 Honors Directed Study		
GPH 493 Honors Thesis		
Upper Division **GIS Elective** Limit of six total hours of Internship (484), Thesis (493), Individualized Instruction (499), or Directed Study (492) can be applied to the major.	C	9

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies Math requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

MAT 170 Precalculus (MATH)	C	3
GIS Major Related		
CEE Elective	C	6
CSE Elective		
EEE Elective		
EGR Elective		
FSE Elective		
GCU Elective		
GIS Elective		
GPH Elective		
IEE Elective		
PUP Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Campus immersion students are recommended to take GPH 191 to fulfill one credit hour of electives.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Geography, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAGCUBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
GCU 102 Introduction to Human Geography (GCSI)	C	3
GCU 121 World Geography (GCSI) OR **GCU 241 The Global Economy in Transition**	C	3
GCU 496 Geographic Research Methods	C	3
GIS 205 Geographic Information Science I (QTRS)	C	3
GPH 111 Introduction to Physical Geography (SCIT) **AND** **GPH 112 Introduction to Physical Geography Lab (SCIT)**	C	4
Upper Division **GCU Elective** OR Upper Division **GIS Elective** OR Upper Division **GPH Elective**	C	9

Requirement	Minimum Grade	Credit Hours
Upper Division **GCU Elective** OR **GCU 484 Internship**	C	6
Limit of six total hours of Internship (484), Thesis (493), Individualized Instruction (499), or Directed Study (492) can be applied to the major.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

BA Geography Major Related	C	9
ASB Elective		
GCU Elective		
GIS Elective		
GPH Elective		

POS Elective
PUP Elective
SGS Elective
SOC Elective
SOS Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Campus immersion students are recommended to take GPH 191 as a one credit hour elective.
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Geography, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAGCUBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
GCU 102 Introduction to Human Geography (GCSI)	C	3
GCU 496 Geographic Research Methods	C	3
GIS 205 Geographic Information Science I (QTRS)	C	3
GIS 270 Statistics for Geography and Planning	C	3
GPH 111 Introduction to Physical Geography (SCIT) **AND** **GPH 112 Introduction to Physical Geography Lab (SCIT)**	C	4
Upper Division **GIS Elective**	C	3
Upper Division **GPH Elective** OR **GPH 484 Internship**	C	6

Requirement	Minimum Grade	Credit Hours
Upper Division **GCU Elective** **OR** Upper Division **GIS Elective** **OR** Upper Division **GPH Elective**	C	6
Limit of six total hours of Internship (484), Thesis (493), Individualized Instruction (499), or Directed Study (492) can be applied to the major.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

Geography Major Related

ASM Elective		
GCU Elective		
GIS Elective		
GPH Elective		
POS Elective	C	9
PUP Elective		
SGS Elective		
SOC Elective		
SOS Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Campus immersion students are encouraged to take GPH 191 to fulfill one credit hour of electives.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Geography (Meteorology-Climatology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAGCUMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
GIS 205 Geographic Information Science I (QTRS)	C	3
GPH 111 Introduction to Physical Geography (SCIT) **AND** **GPH 112 Introduction to Physical Geography Lab (SCIT)**	C	4
GCU 102 Introduction to Human Geography (GCSI)	C	3
GIS 270 Statistics for Geography and Planning	C	3
Upper Division **GIS Elective**	C	3
GPH 212 Introduction to Meteorology (SCIT) **AND** **GPH 214 Introduction to Meteorology Laboratory (SCIT)**	C	4
GPH 409 Synoptic Meteorology I	C	4

Requirement	Minimum Grade	Credit Hours
GPH 410 Synoptic Meteorology II	C	4
GPH 412 Physical Meteorology	C	3
GPH 474 Dynamic Meteorology I	C	3
GPH 475 Dynamic Meteorology II	C	3
GCU 496 Geographic Research Methods	C	3
Course availability will vary by term. Students should reference the schedule of classes and check with an academic advisor for more information.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective Recommended: **GPH 213**	C	3
Upper Division Science and Society Elective Recommended: **GPH 314**	C	3

Additional Requirements

MAT 270 Calculus with Analytic Geometry I (MATH) MAT 270 is the first required math course for this major. If a student does not qualify for MAT 270, they should enroll in the prerequisite, MAT 170.	C	4
MAT 271 Calculus with Analytic Geometry II (MATH)	C	4
MAT 272 Calculus with Analytic Geometry III (MATH)	C	4
PHY 121 University Physics I: Mechanics (SCIT) **AND** **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 131 University Physics II: Electricity and Magnetism (SCIT) **AND** **PHY 132 University Physics Laboratory II (SCIT)**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

It is recommended that campus immersion students enroll in GPH 191 to fulfill one credit hour of electives.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - German, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAGERBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
GER 312 Explore German Culture (GCSI)	C	3
GER 310 Making Sense of German Grammar OR **GER 311 Express Yourself in German** OR **GER 313 Create in German: Writing, Speaking, Performing** OR **GER 319 Work with German**	C	6
GER 420 Discover - Discuss - Design: German Language and Culture	C	3
Upper Division German Electives **GER 310 Making Sense of German Grammar** **GER 311 Express Yourself in German**	C	15

Requirement	Minimum Grade	Credit Hours
GER 313 Create in German: Writing, Speaking, Performing		
GER 319 Work with German		
GER 394 Special Topics		
GER 431 German Humor		
GER 441 Fairy Tales to Disney Movies (GCSI)		
GER 445 Holocaust, War and German Memory		
GER 446 Weimar-Era German Film (HUAD)		
GER 447 German Modernism		
GER 455 Berlin: Migration, Arts and Activism		
GER 492 Honors Directed Study		
GER 493 Honors Thesis		
GER 494 Special Topics		
GER 499 Individualized Instruction		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with German (GER) courses.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Global Asia Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAASIABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
HST 111 Introduction to Asia (GCSI) OR **REL 111 Introduction to Asia (GCSI)**	C	3
HST 303 Studies in Asian History All students must complete at least three credits of HST 303 (any topic). Additional topics of HST 303 may be used to fulfill Across Asia or Global Asia Elective requirements.	C	3
Across Asia Courses	C	6
ARS 201 Art of Asia (GCSI)		
CEL 494 Topic: Political Thought: Islam, Hinduism, Confucianism		
GCU 326 Geography of Asia		
HST 303 Topic: ASIA: Women in Asia		

Requirement	Minimum Grade	Credit Hours
HST 303 Topic: Cold War Asia		
HST 303 Topic: Democracy in Asia		
HST 303 Topic: Empires in Asia		
HST 303 Topic: Film and Politics in Colonial Asia		
HST 303 Topic: WWII in Asia: Cultures of War		
POS 468 Comparative Asian Foreign Policies		
REL 345 Asian Religious Traditions		
REL 350 Hinduism (GCSI)		
REL 351 Buddhism (GCSI)		
REL 363 / AFR 373 Islam and World Affairs		
REL 365 / HST 336 Islamic Civilization (HUAD)		
REL 366 / HST 339 Islam in the Modern World (GCSI)		
REL 396 / HST 396 Islam and Politics (CIVI)		
REL 494 Topic: Rituals in History, Politics and Religion		
Upper Division Across Asia Courses	C	3
CEL 494 Topic: Political Thought: Islam, Hinduism, Confucianism		
GCU 326 Geography of Asia		
HST 303 Topic: ASIA: Women in Asia		
HST 303 Topic: Cold War Asia		

Requirement	Minimum Grade	Credit Hours
HST 303 Topic: Democracy in Asia		
HST 303 Topic: Empires in Asia		
HST 303 Topic: Film and Politics in Colonial Asia		
HST 303 Topic: WWII in Asia: Cultures of War		
POS 468 Comparative Asian Foreign Policies		
REL 345 Asian Religious Traditions		
REL 350 Hinduism (GCSI)		
REL 351 Buddhism (GCSI)		
REL 363 / **AFR 373 Islam and World Affairs**		
REL 365 / **HST 336 Islamic Civilization (HUAD)**		
REL 366 / **HST 339 Islam in the Modern World (GCSI)**		
REL 396 / **HST 396 Islam and Politics (CIVI)**		
REL 494 Topic: Rituals in History, Politics and Religion		
Global Asia Electives	C	6
Global Asia Electives: choose any combination of courses from six different focus areas, with at least 24 hours from upper-division courses. Students who wish to specialize in a particular country or region are strongly encouraged to complete at least 12 credits from that focus area. The six focus areas are: Asia in a Global World (intended for generalists who do not wish to focus on one particular country or region), China, Japan, Korea, Southeast Asia,		

Requirement	Minimum Grade	Credit Hours
and South Asia (intended for those who wish to specialize).		
CHINA FOCUS AREA		
ARS 394 Topic: Modern and Contemporary Chinese Art		
ARS 472 Art of China (HUAD)		
ARS 475 Chinese Painting		
CHI 120 / SLC 120 Introduction to Chinese Culture (HUAD)		
CHI 294 / SLC 294 Topic: Chinese Ghost Stories		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
CHI 345 Chinese Film and Civilization		
CHI 348 Pathways into Chinese Culture		
CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film		
CHI 394 / SLC 394 Topic: Labor & the Environment in Chinese Writing		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		

Requirement	Minimum Grade	Credit Hours
CHI 470 Modern Chinese Literature and Culture		
DCE 116 T'ai Chi Chuan I		
DCE 194 Topic: Intro to Chinese Classical Dance		
DCE 216 T'ai Chi Ch'uan II		
GCU 432 Geography of China		
HST 303 Topic: China,Japan & East Asia in World History		
HST 303 Topic: The Family in Modern China		
HST 303 Topic: History of Modern China: From Taiping to Tiananmen		
HST 303 Topic: Modern China: Personal Narratives and Histories		
HST 303 Topic: Modern China: Violence		
HST 383 / CHI 333 / SLC 333 China		
HST 384 / SLC 334 Modern China: 1700 to the Present		
HST 386 / CHI 336 / SLC 336 Interpreting China's Classics		
POS 452 China		
REL 338 / CHI 338 Daode Jing: Way to the West		
REL 343 / CHI 343 Daoism (HUAD)		
REL 346 / CHI 346 Chinese Religions (GCSI)		
REL 396 / HST 396 Islam and Politics (CIVI)		

Requirement	Minimum Grade	Credit Hours
SLC 498 Topic: Chinese Flagship		
JAPAN FOCUS AREA		
ARS 394 Topic: Anime		
ARS 473 Art of Japan (HUAD)		
ENG 466 Topic: Studio Ghibli Films		
HST 108 Introduction to Japan		
HST 303 Topic: China,Japan & East Asia in World History		
HST 303 Topic: Postwar Japan Through Film		
HST 303 Topic: Premodern Japan		
HST 303 Topic: The Rise of Modern Japan		
HST 303 Topic: WWII in Asia: Cultures of War		
HST 387 Japan		
HST 388 Japan		
JPN 115 / SLC 115 Japanese Popular Culture: Anime, Manga and Film (GCSI)		
JPN 315 The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis		
JPN 316 The Language of Japanese Popular Culture II: Honorifics and Dialects		
JPN 333 Japanese Civilization from the Ice Age to Last Thursday		

Requirement	Minimum Grade	Credit Hours
JPN 354 / REL 353 / SLC 354 Zen and Japanese Culture		
JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)		
JPN 367 / REL 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)		
JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan		
JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan		
JPN 401 Reading Modern Japanese Texts (GCSI)		
JPN 414 Introduction to Classical Japanese		
JPN 415 Advanced Classical Japanese		
JPN 421 / SLC 421 Japanese Literature in Translation		
JPN 424 / SLC 424 The Art of the Ninja (GCSI)		
JPN 430 / SLC 430 Buddhist Meditation in East Asia		
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 485 Japanese Literature and the Art of Translation		
JPN 494 / SLC 494 Topic: Film and Religion in Japan		
KOREA FOCUS AREA		
HST 303 Topic: Communism and Authoritarianism: North Korea		

Requirement	Minimum Grade	Credit Hours
HST 303 Topic: Modern Korean History through Film		
KOR 250 Korean Culture and Society		
KOR 321 / SLC 321 Modern Korean Literature		
KOR 347 Korean Film and Literature (HUAD)		
KOR 350 Women of Korea		
KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)		
KOR 415 / SLC 415 Korean Popular Culture		
KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)		
KOR 457 / SLC 457 Premodern Korea in a Global Context		
REL 354 / KOR 354 Religions of Korea		
SOUTH ASIA FOCUS AREA		
ARS 444 / FMS 426 Films of India		
CEL 395 Leadership and Service Global Intensive Experience: India		
DCE 114 Dances of India I		
HST 245 / POS 245 / REL 245 / SGS 245 / SLC 245 Introduction to India and South Asia		
HST 392 Modern India		
HST 394 Topic: Pakistan, India, and Afghanistan: Peace		

Requirement	Minimum Grade	Credit Hours
Challenges		
POS 357 South Asia Politics		
REL 347 Religions of India		
REL 350 Hinduism (GCSI)		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 394 Topic: Art & Religion in Jain Culture		
REL 396 / **HST 396 Islam and Politics (CIVI)**		
SOUTHEAST ASIA FOCUS AREA		
ASB 325 Peoples of Southeast Asia		
GCU 433 Geography of Southeast Asia		
HST 240 / **GCU 240** / **POS 240** / **REL 240** / **SGS 240 Introduction to Southeast Asia**		
HST 303 Topic: The Colonial World of Southeast Asia		
HST 303 Topic: Film and Politics in Colonial Asia		
HST 391 / **SGS 381 Modern Southeast Asia**		
HST 456 The Vietnam War (HUAD)		
MUP 489 Topic: Gamelan		
POS 358 Southeast Asia		
POS 468 Comparative Asian Foreign Policies		
REL 348 Religion and Culture in Southeast Asia		

Requirement	Minimum Grade	Credit Hours
REL 352 Modern Buddhism		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 396 / **HST 396 Islam and Politics (CIVI)**		
SLC 294 / **VTN 294 Topic: Vietnam: Beyond the War**		
SLC 494 Topic: Religions and Conflicts in Southeast Asia		
ASIA IN A GLOBAL WORLD OPTION		
This category includes all courses on the China, Japan, Korea, South Asia, and Southeast Asia Focus Area lists. Students who select Asia in a Global World do not focus on a specific region and may select a broad combination of courses across the geographical region. At least 24 hours must be upper divison.		
Upper Division Global Asia Electives	C	24
Global Asia Electives: choose any combination of courses from six different focus areas, with at least 24 hours from upper-division courses. Students who wish to specialize in a particular country or region are strongly encouraged to complete at least 12 credits from that focus area. The six focus areas are: Asia in a Global World (intended for generalists who do not wish to focus on one particular country or region), China, Japan, Korea, Southeast Asia, and South Asia (intended for those who wish to specialize).		
CHINA FOCUS AREA		
ARS 394 Topic: Modern and Contemporary Chinese Art		

Requirement	Minimum Grade	Credit Hours
ARS 472 Art of China (HUAD)		
ARS 475 Chinese Painting		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)		
CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation		
CHI 345 Chinese Film and Civilization		
CHI 348 Pathways into Chinese Culture		
CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film		
CHI 394 / SLC 394 Topic: Labor & the Environment in Chinese Writing		
CHI 451 / SLC 451 Chinese Cultural History I		
CHI 452 / SLC 452 Chinese Cultural History II		
CHI 470 Modern Chinese Literature and Culture		
GCU 432 Geography of China		
HST 303 Topic: China,Japan & East Asia in World History		
HST 303 Topic: The Family in Modern China		
HST 303 Topic: History of Modern China: From Taiping		

Requirement	Minimum Grade	Credit Hours
to Tiananmen		
HST 303 Topic: Modern China: Personal Narratives and Histories		
HST 303 Topic: Modern China: Violence		
HST 383 / **CHI 333** / **SLC 333 China**		
HST 384 / **SLC 334 Modern China: 1700 to the Present**		
HST 386 / **CHI 336** / **SLC 336 Interpreting China's Classics**		
POS 452 China		
REL 338 / **CHI 338 Daode Jing: Way to the West**		
REL 343 / **CHI 343 Daoism (HUAD)**		
REL 346 / **CHI 346 Chinese Religions (GCSI)**		
REL 396 / **HST 396 Islam and Politics (CIVI)**		
SLC 498 Topic: Chinese Flagship		
JAPAN FOCUS AREA		
ARS 394 Topic: Anime		
ARS 473 Art of Japan (HUAD)		
ENG 466 Topic: Studio Ghibli Films		
HST 303 Topic: China,Japan & East Asia in World History		
HST 303 Topic: Postwar Japan Through Film		

Requirement	Minimum Grade	Credit Hours
HST 303 Topic: Premodern Japan		
HST 303 Topic: The Rise of Modern Japan		
HST 303 Topic: WWII in Asia: Cultures of War		
HST 387 Japan		
HST 388 Japan		
JPN 315 The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis		
JPN 316 The Language of Japanese Popular Culture II: Honorifics and Dialects		
JPN 333 Japanese Civilization from the Ice Age to Last Thursday		
JPN 354 / REL 353 / SLC 354 Zen and Japanese Culture		
JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)		
JPN 367 / REL 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)		
JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan		
JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan		
JPN 401 Reading Modern Japanese Texts (GCSI)		
JPN 414 Introduction to Classical Japanese		
JPN 415 Advanced Classical Japanese		

Requirement	Minimum Grade	Credit Hours
JPN 421 / SLC 421 Japanese Literature in Translation		
JPN 424 / SLC 424 The Art of the Ninja (GCSI)		
JPN 430 / SLC 430 Buddhist Meditation in East Asia		
JPN 445 Readings in Modern Japanese Letters and Culture		
JPN 485 Japanese Literature and the Art of Translation		
JPN 494 / SLC 494 Topic: Film and Religion in Japan		
KOREA FOCUS AREA		
HST 303 Topic: Communism and Authoritarianism: North Korea		
HST 303 Topic: Modern Korean History through Film		
KOR 321 / SLC 321 Modern Korean Literature		
KOR 347 Korean Film and Literature (HUAD)		
KOR 350 Women of Korea		
KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)		
KOR 415 / SLC 415 Korean Popular Culture		
KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)		
KOR 457 / SLC 457 Premodern Korea in a Global Context		
REL 354 / KOR 354 Religions of Korea		

Requirement	Minimum Grade	Credit Hours
SOUTH ASIA FOCUS AREA		
ARS 444 / **FMS 426 Films of India**		
CEL 395 Leadership and Service Global Intensive Experience: India		
HST 392 Modern India		
HST 394 Topic: Pakistan, India, and Afghanistan: Peace Challenges		
POS 357 South Asia Politics		
REL 347 Religions of India		
REL 350 Hinduism (GCSI)		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 394 Topic: Art & Religion in Jain Culture		
REL 396 / **HST 396 Islam and Politics (CIVI)**		
SOUTHEAST ASIA FOCUS AREA		
ASB 325 Peoples of Southeast Asia		
GCU 433 Geography of Southeast Asia		
HST 303 Topic: The Colonial World of Southeast Asia		
HST 303 Topic: Film and Politics in Colonial Asia		
HST 391 / **SGS 381 Modern Southeast Asia**		
HST 456 The Vietnam War (HUAD)		

Requirement	Minimum Grade	Credit Hours
MUP 489 Topic: Gamelan		
POS 358 Southeast Asia		
POS 468 Comparative Asian Foreign Policies		
REL 348 Religion and Culture in Southeast Asia		
REL 352 Modern Buddhism		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 396 / **HST 396 Islam and Politics (CIVI)**		
SLC 494 Topic: Religions and Conflicts in Southeast Asia		
ASIA IN A GLOBAL WORLD OPTION		
This category includes all courses on the China, Japan, Korea, South Asia, and Southeast Asia Focus Area lists. Students who select Asia in a Global World do not focus on a specific region and may select a broad combination of courses across the geographical region. At least 24 hours must be upper divison.		

Not all courses on the course lists are available every term. Students should consult the class schedule prior to each term to confirm course availability.

Check: Minimum 2.00 Major GPA

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language requirement satisfied through completion of Arabic, Chinese, French, Hindi, Indonesian, Japanese, Korean, Portuguese, Spanish, Thai or Vietnamese language course at the intermediate level (202 or equivalent). Students who are already proficient in one of these languages, or another language relevant to the study of Asia, such as Dutch, Tagalog or Urdu, may take a proficiency exam. Credit hours for second language courses will vary depending on the language chosen.	C	16
Students choosing one of the specialized Global Asia categories are strongly encouraged to study a language that is highly relevant to that particular country or region. The following languages are encouraged for each specialized focus area: -- China: Chinese, Portuguese, Japanese, Korean, Dutch (by proficiency exam) -- Japan: Japanese, Chinese, Portuguese, Korean, Dutch (by proficiency exam) -- Korea: Korean, Chinese, Portuguese, Japanese, Indonesian, Thai, Vietnamese -- South Asia: Hindi, Arabic, Portuguese, French, Urdu (by proficiency exam), Dutch (by proficiency exam) -- Southeast Asia: Indonesian, Thai, Vietnamese, French, Spanish, Portuguese, Chinese, Japanese, Dutch (by proficiency exam), Tagalog (by proficiency exam)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience**	1

Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.

Eligible students are encouraged to apply for a Foreign Language and Area Studies award. Awards include: academic

year FLAS Fellowship and summer FLAS Awards.

Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Global Health, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASSHBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Introductory Class

ASB 100 Introduction to Global Health (GCSI)	C	3

Epidemiology or Statistics

Epidemiology or Statistics	C	3

- **ASB 394 Topic: Statistics for Social Scientists**
- **ASM 201 Epidemics and Outbreaks**
- **ASM 463 A Practical Guide to Bayesian Data Analysis (QTRS)**
- **HCD 300 Biostatistics (QTRS)**

Requirement	Minimum Grade	Credit Hours
HEP 444 Epidemiology		
PSY 230 Introduction to Statistics (QTRS)		
SOC 390 Social Statistics I (QTRS)		
STP 226 Elements of Statistics (QTRS)		
STP 231 Statistics for Life Science (QTRS)		

Global Health Core

Upper Division Global Health Core	C	9
AFR 383 Blacks in Science, Medicine and Public Health		
ASB 300 Food and Culture (SOBE)		
ASB 301 Global History of Health (HUAD)		
ASB 305 Poverty and Global Health (CIVI)		
ASB 316 Money and Culture		
ASB 327 Disaster! (SUST)		
ASB 355 Traditional Medicine and Healing (HUAD)		
ASB 357 Society, Drugs and Health (GCSI)		
ASB 370 / SOS 370 Ethics of Eating (SUST)		
ASB 376 Global Health Policy		
ASB 378 / TCL 378 Globalization: Migration, Mass Media, McDonald's (GCSI)		

Requirement	Minimum Grade	Credit Hours
ASB 457 Global Mental Health (GCSI)		
ASB 462 Medical Anthropology: Culture and Health (SOBE)		
ASB 494 Topic: Ethnic Disparities and Health		
ASB 494 Topic: Health: Social and Biocultural Theories		
ASB 494 / BIO 494 Topic: One Health		
ASM 345 Disease and Human Evolution		
ASM 401 Health and Human Biology		
ASM 403 / BIO 403 Evolutionary Medicine and Global Health		
ASM 456 Infectious Disease and Human Evolution		
BIO 318 / HPS 331 History of Medicine (HUAD)		
HST 304 Topic: Black Death:Pandemic Disease in the Medieval World		
MIC 314 / SSH 314 HIV/AIDS: Science, Behavior, and Society		
NTR 348 Cultural Aspects of Food (GCSI)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 350 Economic Development and Globalization		
SOC 424 Women and Health (SOBE)		
SOC 427 Sociology of Health and Illness (SOBE)		
SOC 448 Epidemics and Society (GCSI)		

Requirement	Minimum Grade	Credit Hours
TCL 323 Latina/o Health Issues (SOBE)		
TCL 326 Health of Chicanas and Latinas		
TCL 327 Health and Migration (SOBE)		
TCL 410 / SOC 410 Race, Medicine, and the Body		
TCL 447 / SGS 454 / SOS 447 / WST 447 Gender, Culture, and Development (GCSI)		
WST 360 Women as Healers (SOBE)		
WST 365 Women and International Health		
WST 380 / AMS 380 / ETH 380 Race, Gender, and Class (SOBE)		
WST 440 Politics of Women's Health (CIVI)		
WST 444 Gender, Health, and Bodies (SOBE)		

Global Health Practicum

Upper Division Global Health Practicum	C	3
ASB 373 Applying Anthropology (SOBE)		
ASB 452 / SSH 402 Community Partnerships for Global Health (GCSI)		
ASB 455 Practicum for Social Sciences		
ASB 484 Internship		
ASB 494 Topic: Monitoring, Evaluation, and Learning		

Requirement	Minimum Grade	Credit Hours
ASB 494 Topic: Qualitative Data Analysis		
ASB 494 Topic: Research Design for Global Health		
ASB 494 Topic: Research Practicum II		
ASB 499 Individualized Instruction		
ASM 414 Urban, Environmental and Health Challenges (SUST)		
POS 464 Border Cities: Action Research on Globalization		
TCL 321 / **SOC 320 Transborder Community Development and Health**		

Global Health Study Abroad

SSH 403 Cross-Cultural Studies in Global Health (GCSI)	C	6

All global health majors are required to go on a study abroad program from a select, pre-approved program list: https://goglobal.asu.edu/students/major/global-health.

For more information about planning for, applying to, and paying for your study abroad program, please visit the Global Education Office website: https://goglobal.asu.edu/.

Global Health Related Area Electives

Global Health Related Area Electives	C	9
ABS 319 Food, Health and Human Biology		

Requirement	Minimum Grade	Credit Hours
ABS 394 Topic: Medicine and Culture		
ASB 102 Introduction to Cultural Anthropology (GCSI)		
ASB 202 Immigration and Ethnic Relations in the U.S. (CIVI)		
ASB 210 Human Sexuality: Anthropological Perspectives (GCSI)		
ASB 211 Women in Other Cultures		
ASB 220 / TCL 230 The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective		
ASB 250 Introduction to Evolution and Medicine (SOBE)		
ASB 272 Economic Justice (CIVI)		
ASB 275 Culture, Language and Learning		
ASB 294 Topic: Building Babies		
ASB 294 Topic: Identity, Culture and Conflict		
ASB 322 / TCL 322 Peoples of Latin America (GCSI)		
ASB 325 Peoples of Southeast Asia		
ASB 343 Latinas/os and the Environment		
ASB 345 Culture and Society Transformation (GCSI)		
ASB 348 The Borders of Language (SOBE)		
ASB 353 Death and Dying in Cross-Cultural Perspective		

Requirement	Minimum Grade	Credit Hours
(GCSI)		
ASB 362 People and Plants		
ASB 363 / CAS 363 From Cells to Society: Understanding Complexity		
ASB 371 Language Hegemony and Culture		
ASB 375 Humans and the Environment: What's the Connection?		
ASB 380 Language, Culture and Gender (SOBE)		
ASB 408 Advanced Evolutionary Medicine		
ASB 448 Maternal and Child Health		
ASB 463 Political Ecology of the Border		
ASB 466 Peoples and Cultures of Africa		
ASB 494 Topic: Applied Epidemiology		
ASB 494 Topic: Ethnography of Schooling in the Borderlands		
ASB 494 Topic: Facing Immigration		
ASB 494 Topic: Reproductive Ecology		
ASM 104 Bones, Stones, and Human Evolution (SCIT)		
ASM 201 Epidemics and Outbreaks		
ASM 246 Human Origins (SOBE)		
ASM 275 Forensic Anthropology (SCIT)		

Requirement	Minimum Grade	Credit Hours
ASM 342 Evolution of Human Behavior		
ASM 403 / BIO 403 Evolutionary Medicine and Global Health		
ASM 494 Topic: Evolution and Mental Disorders		
BCH 361 Advanced Principles of Biochemistry		
BIO 302 Cancer--Mother of All Diseases		
BIO 340 General Genetics or MBB 347 Molecular Genetics: From Genes to Proteins		
BIO 351 Developmental Biology		
BIO 360 Animal Physiology		
BIO 394 Topic: Healing Traditions of Latino-America		
BIO 494 Topic: Obesity:Physiology to pathophysiology to treatment		
BIO 494 Topic: Solutions in Vaccine Design for Global Health		
ECN 211 Macroeconomic Principles (SOBE)		
ECN 212 Microeconomic Principles (SOBE)		
ECN 355 Economics of Health Care		
ECN 455 Health Economics		
ENG 203 Introduction to Health Humanities or ENG 394 Topic: Interdisciplinary Health Humanities		
ENG 494 Topic: Health Humanities Lab		

Requirement	Minimum Grade	Credit Hours
HCD 201 Economics for Health Majors		
HCD 303 Global Health Care Systems (GCSI)		
HCR 210 Ethics for the Health Care Professional (HUAD)		
HCR 230 Culture and Health (GCSI)		
HSC 210 Cultural Aspects of Health (GCSI)		
HSC 310 Health Communication		
HSC 340 Changing Health Behaviors		
HST 312 History of Women in Science and Medicine (HUAD)		
JUS 350 Immigration and Justice (SOBE)		
JUS 352 / SOC 354 The Global Politics of Human Rights (CIVI)		
JUS 370 Cultural Diversity and Justice (CIVI)		
JUS 374 The Holocaust, Genocide, and Human Rights		
JUS 394 Topic: Health Disparities & Inequalities		
JUS 394 Topic: Human Rights		
JUS 394 Topic: Human Rights and International Justice		
MIC 205 Microbiology (SCIT) or MIC 443 The Microbial Universe		
MIC 206 Microbiology Laboratory (SCIT)		

Requirement	Minimum Grade	Credit Hours
MIC 220 Biology of Microorganisms		
MIC 498 Topic: HIV/AIDS Prevention Education in Africa		
NTR 241 Human Nutrition		
NTR 345 Development of Healthy Cuisines		
NTR 351 Nutrition Communication		
NTR 353 / SOS 353 The Western Diet		
NTR 440 Advanced Human Nutrition I		
NTR 448 Community Nutrition		
OGL 358 Peace Corps Seminar (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 368 Ethics and Human Rights (GCSI)		
POS 480 / SBS 480 Global Justice (GCSI)		
PSY 394 Topic: Child Development & Global Health		
SGS 303 Global Trends (GCSI)		
SGS 304 Foundations of Cross-Cultural Awareness		
SGS 341 / POS 343 Humanitarian Crisis and International Intervention		
SGS 360 Cultural Aspects of Globalization		
SGS 394 Topic: Global Problems and Debates		

Requirement	Minimum Grade	Credit Hours
SGS 394 Topic: Peace/Conflict/Human Rights		
SGS 394 Topic: Politics of Global Justice		
SOC 352 Social Change (CIVI)		
SOC 418 Aging and the Life Course (SOBE)		
SOC 426 Social Inequalities (CIVI)		
SOC 448 Epidemics and Society (GCSI)		
TCL 422 U.S.-Mexico Border Health		
WST 394 Topic: Fast Food Nation		
WST 460 Women and the Body (HUAD)		
WST 471 / **AFR 470 Women's International Human Rights**		
Nine credits from the following course options.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the	C	16

intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Global Health, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LASSHBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Introductory Courses		
ASB 100 Introduction to Global Health (GCSI)	C	3
ASM 104 Bones, Stones, and Human Evolution (SCIT)	C	4
Global Health Course		
Global Health Course (choose one)	C	3
ASB 102 Introduction to Cultural Anthropology (GCSI)		
ASB 230 Beginning Social Research (SOBE)		
ASB 250 / BIO 250 Introduction to Evolution and Medicine (SOBE)		

Requirement	Minimum Grade	Credit Hours
ASM 294 Topic: Bones, Bodies, and Bioarchaeology		
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)		

Statistics

ASB 394 Topic: Statistics for Social Scientists OR ASM 463 A Practical Guide to Bayesian Data Analysis (QTRS) OR ASM 465 Quantification and Analysis for Anthropologists OR HCD 300 Biostatistics (QTRS) OR PSY 230 Introduction to Statistics (QTRS) OR SOC 390 Social Statistics I (QTRS) OR STP 226 Elements of Statistics (QTRS) OR STP 231 Statistics for Life Science (QTRS)	C	3

Epidemiology

ASB 484 Topic: Student Outbreak Response Team OR ASM 201 Epidemics and Outbreaks OR HEP 444 Epidemiology	C	3

Global Health Study Abroad

SSH 403 Cross-Cultural Studies in Global Health (GCSI)	C	6

All global health majors are required to go on a study abroad program from a select, pre-approved program list:

Requirement	Minimum Grade	Credit Hours
https://goglobal.asu.edu/students/major/global-health.		

For more information about planning for, applying to, and paying for your study abroad program, please visit the Global Education Office website: https://goglobal.asu.edu/.

Culture, Society, and Health Course

Upper Division Culture, Society, and Health (choose one)	C	3

- **ASB 300 Food and Culture (SOBE)**
- **ASB 301 Global History of Health (HUAD)**
- **ASB 305 Poverty and Global Health (CIVI)**
- **ASB 327 Disaster! (SUST)**
- **ASB 353 / SOC 353 Death and Dying in Cross-Cultural Perspective (GCSI)**
- **ASB 355 Traditional Medicine and Healing (HUAD)**
- **ASB 357 Society, Drugs and Health (GCSI)**
- **ASB 370 / SOS 370 Ethics of Eating (SUST)**
- **ASB 376 Global Health Policy**
- **ASB 457 Global Mental Health (GCSI)**
- **ASB 462 Medical Anthropology: Culture and Health (SOBE)**
- **ASB 494 Topic: One Health**
- **ASB 494 Topic: Health: Social and Biocultural Theories**

Requirement	Minimum Grade	Credit Hours
ASB 494 Topic: Ethnic Disparities and Health		
HCD 303 Global Health Care Systems (GCSI)		
HCI 344 Management and Leadership in Health Organizations		
HCR 494 Topic: Refugee Health Education		
MIC 314 / SSH 314 HIV/AIDS: Science, Behavior, and Society		
PBH 422 Health Disparities and Access to Health		
PBH 435 Environmental and Occupational Health		
POS 427 Social Welfare and Health Policy		
SOC 320 / TCL 321 Transborder Community Development and Health		
SOC 410 / TCL 410 Race, Medicine, and the Body		
SOC 424 Women and Health (SOBE)		
SOC 427 Sociology of Health and Illness (SOBE)		
TCL 323 Latina/o Health Issues (SOBE)		
TCL 326 Health of Chicanas and Latinas		
TCL 327 Health and Migration (SOBE)		
WST 360 Women as Healers (SOBE)		
WST 365 Women and International Health		
WST 440 Politics of Women's Health (CIVI)		

Requirement	Minimum Grade	Credit Hours
Health and Human Biology Course		
Upper Division Health and Human Biology (choose one)		
ASB 408 / BIO 408 Advanced Evolutionary Medicine		
ASB 448 / BIO 448 Maternal and Child Health		
ASM 341 Human Osteology		
ASM 342 / BIO 327 Evolution of Human Behavior		
ASM 345 Disease and Human Evolution		
ASM 394 / BIO 394 Topic: Ecology and Evolution of Infectious Diseases	C	3
ASM 401 Health and Human Biology		
ASM 403 / BIO 403 Evolutionary Medicine and Global Health		
ASM 450 Bioarchaeology (GCSI)		
BIO 318 / HPS 331 History of Medicine (HUAD)		
MED 300 Historical and Contemporary Issues in Health		
PBH 410 Public Mental Health		
Research Practicum		
Upper Division Research Practicum (choose two)	C	6
ASB 452 Community Partnerships for Global Health (GCSI)		

Requirement	Minimum Grade	Credit Hours
ASB 455 Practicum for Social Sciences		
ASB 484 Internship		
ASB 492 Honors Directed Study		
ASB 493 Honors Thesis		
ASB 494 Topic: Monitoring, Evaluation, and Learning		
ASB 494 Topic: Qualitative Data Analysis		
ASB 494 Topic: Research Design for Global Health		
ASM 414 Urban, Environmental and Health Challenges (SUST)		
BIO 390 Medical/Dental Field Placement		

Calculus

MAT 210 Brief Calculus (MATH)			
OR	**MAT 251 Calculus for Life Sciences (MATH)**	C	3
OR	**MAT 265 Calculus for Engineers I (MATH)**		
OR	**MAT 270 Calculus with Analytic Geometry I (MATH)**		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must

complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Global Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASGSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
SGS 101 Thinking Globally (GCSI) SGS 301 can substitute for SGS 101 and is recommended for transfer students.	C	3
SGS 204 Professional Global Career Development	C	3
SGS 303 Global Trends (GCSI)	C	3
SGS 484 Internship OR **SGS 484 Topic: Global Experience** The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. More information is available here: https://spgs.asu.edu/sgs-484	C	3
Upper Division Conflict, Cooperation, and Human Rights Track Electives	C	6

Requirement	Minimum Grade	Credit Hours
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 394 Topic: Politics of Global Justice		
SGS 394 Topic: The Israel-Palestinian Conflict		
SGS 394 Topic: Model UN		
SGS 394 Topic: Human Rights and U.S. Foreign Policy		
SGS 494 Topic: International Criminal Tribunals & Global Security		
SGS 494 Topic: Democratic Erosion		
SGS 494 Topic: Diplomacy/PolicyDesignStudio I		
Upper Division Environment, Development and Migration Track Electives	C	6
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 350 Economic Development and Globalization		
SGS 360 Cultural Aspects of Globalization		
SGS 370 Geopolitics (GCSI)		
SGS 379 The Resource Curse		
SGS 394 Topic: The Road to Women's Economic Empowerment		
SGS 394 Topic: Global Markets		

Requirement	Minimum Grade	Credit Hours
SGS 394 Topic: Global Environmental Politics **SGS 466 Migration, Environment and Global Security** **SGS 494 Topic: Transnational Americas: Migration & Diaspora**		
SGS Elective Maximum of three hours of SGS 484 can apply toward SGS Electives.	C	6

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

Students must complete 12 credit hours in courses drawn from related areas. Courses from the subjects in the course lists may be used. Only upper-division courses in language disciplines apply to the related area requirement.

Upper Division Related Area	C	6
AFR Elective		
Upper Division ARB Elective		
ASB Elective		
ASM Elective		
Upper Division BCS Elective		
BIO Elective		
Upper Division CHI Elective		
COM Elective		
ECN Elective		
Upper Division FRE Elective		
GCU Elective		
Upper Division GER Elective		
GPH Elective		
Upper Division GRK Elective		
Upper Division HEB Elective		
Upper Division HIN Elective		
HST Elective		
Upper Division IDN Elective		
Upper Division ITA Elective		
Upper Division JPN Elective		

JUS Elective		
Upper Division KOR Elective		
Upper Division LAT Elective		
PAF Elective		
Upper Division PLC Elective		
Upper Division POR Elective		
POS Elective		
PUP Elective		
REL Elective		
Upper Division ROM Elective		
Upper Division RUS Elective		
SLC Elective		
Upper Division SLV Elective		
SOS Elective		
Upper Division SPA Elective		
Upper Division VTN Elective		
WST Elective		

Related Area	C	6
AFR Elective		
Upper Division ARB Elective		
ASB Elective		

ASM Elective

Upper Division BCS Elective

BIO Elective

Upper Division CHI Elective

COM Elective

ECN Elective

Upper Division FRE Elective

GCU Elective

Upper Division GER Elective

GPH Elective

Upper Division GRK Elective

Upper Division HEB Elective

Upper Division HIN Elective

HST Elective

Upper Division IDN Elective

Upper Division ITA Elective

Upper Division JPN Elective

JUS Elective

Upper Division KOR Elective

Upper Division LAT Elective

PAF Elective

Upper Division PLC Elective	
Upper Division POR Elective	
POS Elective	
PUP Elective	
REL Elective	
Upper Division ROM Elective	
Upper Division RUS Elective	
SLC Elective	
Upper Division SLV Elective	
SOS Elective	
Upper Division SPA Elective	
Upper Division VTN Elective	
WST Elective	

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience OR **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - History, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAHISBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
HST 130 The Historian's Craft OR **HST 330 Historical Thinking** Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.	C	3
HST Survey Courses **HST 100 Global History to 1500 (HUAD)** **HST 101 Global History Since 1500 (HUAD)** **HST 102 Europe and the Mediterranean: Ancient and Medieval (HUAD)** **HST 103 Early Modern Europe: Renaissance to Enlightenment (GCSI)**	C	6

Requirement	Minimum Grade	Credit Hours
HST 104 Modern Europe: French Revolution to European Union (GCSI)		
HST 109 United States to 1865 (AMIT)		
HST 110 United States Since 1865 (HUAD)		
HST 111 Introduction to Asia (GCSI)		
HST 230 Introduction to Jewish Civilization (GCSI)		
HST 260 Introduction to Islam (GCSI)		
Upper Division Comparative History Course	C	3
For HST 303, HST 304, and HST 305, only the specific topics (course titles) listed below will count for the Comparative History requirement; any other topics of these courses will NOT satisfy the requirement.		
HST 302 Studies in History		
HST 303 Topic: Empires in Asia		
HST 304 Topic: Revolutionary Russia: Communism, War and Dissent		
HST 304 Topic: Stalin to Putin		
HST 305 Topic: Empire & Revolution in Cold War Latin America		
HST 309 Exploration and Empire (GCSI)		
HST 326 The Global History of the Trans-Atlantic Slave Trade (GCSI)		
HST 336 Islamic Civilization (HUAD)		

Requirement	Minimum Grade	Credit Hours
HST 339 Islam in the Modern World (GCSI)		
HST 345 Environmental History (SUST)		
HST 358 Jewish History from Antiquity to 1492		
HST 359 Jewish History from 1492 to 1948		
HST 360 Crusades and Holy Wars (HUAD)		
HST 396 Islam and Politics (CIVI)		
HST 426 The British Empire		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 454 History of Genocide (GCSI)		
HST 456 The Vietnam War (HUAD)		
HST 460 World War II (HUAD)		
Upper Division History in the Wild Course	C	3
For HST 302 and HST 306, only the specific topics (course titles) listed below will count for the History in the Wild requirement; any other topics of these courses will NOT satisfy the requirement.		
HST 302 Topic: Envisioning Peace		
HST 306 Topic: Historic Preservation in the U.S.		
HST 306 Topic: Monuments and Memory		

Requirement	Minimum Grade	Credit Hours
HST 306 Topic: U.S. Urban History **HST 414 Political History and Leadership** **HST 485 History in the Wild**		
HST 303 Studies in Asian History OR **HST 305 Studies in Latin American History** OR **HST 307 Studies in African History** HST 302, 305, and 307 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different. Some topics carry a General Studies designation. Check the class schedule to confirm any General Studies designations for the specific course topic.	C	3
HST 304 Studies in European History HST 304 is a variable topics course. Some topics carry a General Studies designation. Check the class schedule to confirm any General Studies designation for the specific course topic.	C	3
HST 306 Studies in United States History HST 306 is a variable topics course. Some topics carry a General Studies designation. Check the class schedule to confirm any General Studies designations for the specific course topic.	C	3
All students are required to take one course from HST 304 and HST 306, plus one course chosen from HST 303, HST 305, or HST 307. Students may select any topic within these course numbers for this requirement. However, for the Comparative History and History in the Wild requirements, students must choose only from the specific topics shown in the Comparative History and History in the Wild lists. Any topic under HST 302 will count as a Comparative History course. Students must complete 33 total credit hours in history (HST), so any variable		

Requirement	Minimum Grade	Credit Hours
topics courses taken for Comparative History and History in the Wild will be in addition to the standard requirement for HST 304, HST 306, and (HST 303, 305, or 307).		
HST 495 Methods of Historical Inquiry	C	3
Upper Division **HST Elective**	C	6

Check: Minimum 2.25 Major GPA

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

Students must complete 12 credits of courses in Related Areas, at least six of which must be upper division.		
Upper Division Related Area Courses AFR Elective	C	6

AIS Elective

APA Elective

APH Elective

ARS Elective

ASB Elective

ASM Elective

ECN Elective

GCU Elective

HPS Elective

HUL Elective

JUS Elective

PHI Elective

POS Elective

REL Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

ARB 360 Islamic Philosophical Literature

ARB 427 Arabic Prose: Reading the Arabian Nights

ARB 428 / **SLC 428 Gender and Sexuality Discourse in the Middle East**

BIO 316 History of Biology: Conflicts and Controversies (HUAD)

BIO 318 History of Medicine (HUAD)

CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)

CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation

CHI 345 Chinese Film and Civilization

CHI 348 Pathways into Chinese Culture

CHI 394 / **SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film**

CHI 451 / **SLC 451 Chinese Cultural History I**

CHI 452 / **SLC 452 Chinese Cultural History II**

CHI 470 Modern Chinese Literature and Culture

ENG Elective (not from ENG 101-197)

FRE 305 Readings in French Literature

FRE 321 French Cultural Masterpieces I

FRE 322 French Cultural Masterpieces II

FRE 414 / ITA 414 / SLC 414 French and Italian Popular Culture (GCSI)

FRE 415 French Civilization I

FRE 416 French Civilization II

FRE 453 Theater of the 19th Century

FRE 461 Modern Narrative

GER 315 Germanic Mythology

GER 416 German Civilization

GER 421 German Literature Survey, 800-1800

GER 422 German Literature Survey, 1800-Today

GER 431 German Humor

GER 441 / SLC 441 Fairy Tales to Disney Movies (GCSI)

GRK 301 Ancient Greek Literature I

GRK 302 Ancient Greek Literature II

GRK 444 / LAT 444 / SLC 444 Heroes, Ancient and Modern

HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)

HEB 348 / SLC 348 Israeli Society and Culture (HUAD)

HEB 375 Contemporary Culture of Israel

HON 370 History of Ideas (GCSI)

HON 378 Culture and Society in England, Ireland, and Scotland

HON 379 Romantics, Victorians, and Moderns

HON 380 Aesthetics and Society (HUAD)

ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans

ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)

ITA 420 Italian Cinema

JPN 333 Japanese Civilization from the Ice Age to Last Thursday

JPN 354 / SLC 354 Zen and Japanese Culture

JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)

JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)

JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan

JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan

JPN 414 Introduction to Classical Japanese

JPN 415 Advanced Classical Japanese

JPN 424 / SLC 424 The Art of the Ninja (GCSI)

JPN 445 Readings in Modern Japanese Letters and

Culture

JST Elective (not from JST 133, 233, 333, or 334)

KOR 321 / SLC 321 Modern Korean Literature

KOR 347 Korean Film and Literature (HUAD)

KOR 350 Women of Korea

KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)

KOR 415 / SLC 415 Korean Popular Culture

KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)

KOR 457 / SLC 457 Premodern Korea in a Global Context

LAT 421 Roman Literature

MCO 418 History of Mass Communication (SOBE)

MUS 354 Popular Music

MUS 355 American Music (HUAD)

MUS 356 Broadway and the American Musical (HUAD)

MUS 362 Rap Music and Hip Hop Culture (HUAD)

MUS 371 World Music (GCSI)

MUS 410 History of Women in Music (HUAD)

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)

PSY 414 History of Psychology

PUP 412 History of the City

RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel

RUS 323 Russian Literature and Revolution: The Twentieth Century

RUS 421 Pushkin

RUS 425 / THE 425 Chekhov and Russian Drama (HUAD)

RUS 430 Russian Short Story (HUAD)

SLC 340 / FMS 341 Approaches to International Cinema (GCSI)

SLC 344 / GRK 344 / LAT 344 Classics and Comics

SLC 425 Globalization: From Colonialism to Climate Change (SUST)

SLC 439 / RUS 439 Art in Exile: VladÃmir VladÃmirovich Nabokov

SLC 442 / ROM 442 Dracula and Vampire Lore (HUAD)

SLV 440 History of Slavic Languages (SOBE)

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 425 Understanding Spain: Literature and Culture Before 1700

SPA 426 Literature and Society in Modern Spain

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

SPA 428 Foundational Texts of Latin American Literature Since Modernismo

SPA 429 Writing Mexico: Major Texts

SPA 434 Drama of the Golden Age

SPA 456 20th-Century Spanish American Fiction

SPA 464 JaitÃ³n Works in Chicano/a Literature

SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)

SPA 472 Latin American Society: Five Case Studies

SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)

SPA 485 Chicano/a Short Story: Espanglish, Barrio y Xicanismo

SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala

SPA 487 Chicano/a Drama: Pachucos, Vendidos y Cerezitas

THE 320 History of the Theatre I (GCSI)

THE 321 History of the Theatre II (HUAD)

THE 322 Theatre History and Culture (HUAD)

THE 421 Shakespeare: Stage and Film (HUAD)

THE 430 History of Fashion I (HUAD)

THE 431 History of Fashion II: 20th-Century Fashion (HUAD)

Related Area Courses C 6

AFR Elective

AIS Elective

APA Elective

APH Elective

ARS Elective

ASB Elective

ASM Elective

ECN Elective

GCU Elective

HPS Elective

HUL Elective

JUS Elective

PHI Elective

POS Elective

REL Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

ARB 360 Islamic Philosophical Literature

ARB 427 Arabic Prose: Reading the Arabian Nights

ARB 428 / SLC 428 Gender and Sexuality Discourse in the Middle East

BIO 316 History of Biology: Conflicts and Controversies (HUAD)

BIO 318 History of Medicine (HUAD)

CHI 120 / SLC 120 Introduction to Chinese Culture (HUAD)

CHI 294 / SLC 294 Topic: Chinese Ghost Stories

CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)

CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation

CHI 345 Chinese Film and Civilization

CHI 348 Pathways into Chinese Culture

CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film

CHI 451 / **SLC 451 Chinese Cultural History I**

CHI 452 / **SLC 452 Chinese Cultural History II**

CHI 470 Modern Chinese Literature and Culture

ENG Elective (not from ENG 101-197)

FRE 305 Readings in French Literature

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FRE 322 French Cultural Masterpieces II

FRE 414 / **ITA 414** / **SLC 414 French and Italian Popular Culture (GCSI)**

FRE 415 French Civilization I

FRE 416 French Civilization II

FRE 453 Theater of the 19th Century

FRE 461 Modern Narrative

GER 315 Germanic Mythology

GER 416 German Civilization

GER 421 German Literature Survey, 800-1800

GER 422 German Literature Survey, 1800-Today

GER 431 German Humor

GER 441 / **SLC 441 Fairy Tales to Disney Movies (GCSI)**

GRK 142 / **SLC 142 Ancient Greek Civilization (HUAD)**

GRK 223 / **LAT 223** / **SLC 223 Introduction to Greek and Roman Mythology (HUAD)**

GRK 301 Ancient Greek Literature I

GRK 302 Ancient Greek Literature II

GRK 444 / LAT 444 / SLC 444 Heroes, Ancient and Modern

HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)

HEB 348 / SLC 348 Israeli Society and Culture (HUAD)

HEB 375 Contemporary Culture of Israel

HON 171 The Human Event (GCSI)

HON 272 The Human Event (CIVI)

HON 370 History of Ideas (GCSI)

HON 378 Culture and Society in England, Ireland, and Scotland

HON 379 Romantics, Victorians, and Moderns

HON 380 Aesthetics and Society (HUAD)

ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans

ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)

ITA 420 Italian Cinema

JPN 115 / SLC 115 Japanese Popular Culture: Anime, Manga and Film (GCSI)

JPN 333 Japanese Civilization from the Ice Age to Last Thursday

JPN 354 / SLC 354 Zen and Japanese Culture

JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)

JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)

JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan

JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan

JPN 414 Introduction to Classical Japanese

JPN 415 Advanced Classical Japanese

JPN 424 / SLC 424 The Art of the Ninja (GCSI)

JPN 445 Readings in Modern Japanese Letters and Culture

JST Elective (not from JST 133, 233, 333, or 334)

KOR 250 Korean Culture and Society

KOR 321 / SLC 321 Modern Korean Literature

KOR 347 Korean Film and Literature (HUAD)

KOR 350 Women of Korea

KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)

KOR 415 / SLC 415 Korean Popular Culture

KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)

KOR 457 / SLC 457 Premodern Korea in a Global Context

LAT 222 / SLC 222 Survey of Roman Literature

LAT 421 Roman Literature

MCO 418 History of Mass Communication (SOBE)

MUS 354 Popular Music

MUS 355 American Music (HUAD)

MUS 356 Broadway and the American Musical (HUAD)

MUS 362 Rap Music and Hip Hop Culture (HUAD)

MUS 371 World Music (GCSI)

MUS 410 History of Women in Music (HUAD)

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)

PSY 414 History of Psychology

PUP 412 History of the City

RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel

RUS 323 Russian Literature and Revolution: The Twentieth Century

RUS 421 Pushkin

RUS 425 / THE 425 Chekhov and Russian Drama (HUAD)

RUS 430 Russian Short Story (HUAD)

SLC 123 Gods and Monsters: Comparative Mythology (GCSI)

SLC 141 / RUS 141 Russian Civilization: From Tsars to Putin (GCSI)

SLC 144 The Ancient Mediterranean

SLC 221 Survey of Ancient Greek Literature

SLC 294 / VTN 294 Topic: Vietnam: Beyond the War

SLC 340 / FMS 341 Approaches to International Cinema (GCSI)

SLC 344 / GRK 344 / LAT 344 Classics and Comics

SLC 425 Globalization: From Colonialism to Climate Change (SUST)

SLC 439 / RUS 439 Art in Exile: VladÃmir VladÃmirovich Nabokov

SLC 442 / ROM 442 Dracula and Vampire Lore (HUAD)

SLV 440 History of Slavic Languages (SOBE)

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 425 Understanding Spain: Literature and Culture Before 1700

SPA 426 Literature and Society in Modern Spain

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

SPA 428 Foundational Texts of Latin American Literature Since Modernismo

SPA 429 Writing Mexico: Major Texts

SPA 434 Drama of the Golden Age

- SPA 456 20th-Century Spanish American Fiction
- SPA 464 JaitÃ³n Works in Chicano/a Literature
- SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)
- SPA 472 Latin American Society: Five Case Studies
- SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)
- SPA 485 Chicano/a Short Story: Espanglish, Barrio y Xicanismo
- SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala
- SPA 487 Chicano/a Drama: Pachucos, Vendidos y Cerezitas
- THE 320 History of the Theatre I (GCSI)
- THE 321 History of the Theatre II (HUAD)
- THE 322 Theatre History and Culture (HUAD)
- THE 421 Shakespeare: Stage and Film (HUAD)
- THE 430 History of Fashion I (HUAD)
- THE 431 History of Fashion II: 20th-Century Fashion (HUAD)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go

to: https://silc.asu.edu/student-life/academic-advising/language-testing
Except where prerequisites dictate the order, consult an academic advisor to determine the best sequence of upper-division history courses for your personal plan of study.
If planning on law school, prepare to take the LSAT in your junior year.
Not all courses in the course lists are available every term or available in both on-campus and online formats. Students should consult the class schedule prior to each term to confirm course availability.
Electives: students are encouraged to take HST 394: Career Readiness with a History Degree.
Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Many General Studies requirements can overlap with major requirements, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - History (Secondary Education), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAHISSEBA
Minimum credit hours: 120
Upper division minimum credit hours: 51

Requirement	Minimum Grade	Cr Hr

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements (HST courses) must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Check: Minimum 2.25 GPA in all HST courses

Check: Minimum 2.25 ASU Cumulative GPA

History Survey Courses

HST 100 Global History to 1500 (HUAD)	C
HST 101 Global History Since 1500 (HUAD)	C
HST 109 United States to 1865 (AMIT)	C
HST 110 United States Since 1865 (HUAD)	C

HST 100, HST 101, HST 109 and HST 110 may be taken in any order.

Requirement	Minimum Grade	Cr Ho
Historical Methods		
HST 130 The Historian's Craft OR **HST 330 Historical Thinking** Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.	C	
Upper Division History Core		
Upper Division United States History Courses **HST 300 Experience of America's Modern Wars** **HST 306 Studies in United States History** **HST 314 American Cultural History Since 1865** **HST 315 Political History of the U. S.** **HST 316 20th-Century U.S. Foreign Relations** **HST 317 History of Postwar U.S. Conservatism** **HST 318 History of Engineering (HUAD)** **HST 320 U.S. Urban History since 1850** **HST 321 Constitutional History/US to 1865** **HST 322 Constitutional History of the United States Since 1865** **HST 323 Historical Studies in Race, Crime, and the Law** **HST 325 Immigration and Ethnicity in the United States (HUAD)**	C	

Requirement	Minimum Grade	Cr Hr
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 331 Mexican American History to 1900		
HST 332 Mexican American History Since 1900 (GCSI)		
HST 333 African American History to 1865 (AMIT)		
HST 334 African American History Since 1865 (HUAD)		
HST 335 History of Black Women in America (HUAD)		
HST 337 American Indian History to 1900 (HUAD)		
HST 338 American Indian History since 1900 (HUAD)		
HST 340 American Military History (HUAD)		
HST 341 U.S. West 19th Century		
HST 342 U.S. West 20th Century		
HST 343 American Southwest		
HST 344 Arizona		
HST 345 Environmental History (SUST)		
HST 377 Sports in United States History (HUAD)		
HST 379 History of College Sports		
HST 405 Colonial American History to 1763		
HST 406 American Revolution/1763-1789		
HST 407 Early U.S. Republic/1789-1850		

Requirement	Minimum Grade	Cr Hr
HST 408 Civil War and Reconstruction (HUAD)		
HST 412 Contemporary U.S., 1973- Present		
HST 413 Contemporary America (HUAD)		
HST 414 Political History and Leadership		
HST 415 Debating the Constitution		
HST 419 20th Century Chicano/a History (HUAD)		
HST 448 Mexican/U.S. Border		
HST 449 Mexican Immigration to the U.S.		
HST 456 The Vietnam War (HUAD)		
Upper Division Non-U.S. History Courses		C
HST 302 Topic: Gender and Sexuality in Islam		
HST 302 Topic: History of the Olympic Movement		
HST 302 Topic: Jews, Christians & Muslims in Early Modern World		
HST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 302 Topic: Slavery Systems in Africa		
HST 303 Studies in Asian History		
HST 304 Studies in European History		
HST 305 Studies in Latin American History		

Requirement	Minimum Grade	Cr Hr
HST 307 Studies in African History		
HST 309 Exploration and Empire (GCSI)		
HST 324 Food in Latin America (GCSI)		
HST 326 The Global History of the Trans-Atlantic Slave Trade (GCSI)		
HST 336 Islamic Civilization (HUAD)		
HST 339 Islam in the Modern World (GCSI)		
HST 346 Ancient Greece II: Late Classical and Hellenistic Period		
HST 347 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
HST 348 Rome (GCSI)		
HST 349 Early Middle Ages		
HST 350 Later Middle Ages (GCSI)		
HST 351 Renaissance Europe		
HST 352 Europe's Reformations		
HST 354 Revolutionary Europe (GCSI)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 356 Europe since 1945		
HST 358 Jewish History from Antiquity to 1492		
HST 359 Jewish History from 1492 to 1948		

Requirement	Minimum Grade	Cr Hr
HST 360 Crusades and Holy Wars (HUAD)		
HST 361 Witchcraft and Heresy in Europe (HUAD)		
HST 364 Sex and Society in Europe (HUAD)		
HST 367 From Empire to Brexit: Modern Britain		
HST 368 Culture and Imagination in European History		
HST 369 History and Memory of the Holocaust		
HST 370 Eastern Europe in Transition		
HST 372 Modern Middle East (GCSI)		
HST 373 Roman History I: Foundations and Republic		
HST 374 Roman History II: The Roman Empire (GCSI)		
HST 375 Colonial Latin America		
HST 376 Modern Latin America		
HST 378 Inequality and Living Wages in Latin America (CIVI)		
HST 383 China		
HST 384 Modern China: 1700 to the Present		
HST 386 Interpreting China's Classics		
HST 387 Japan		
HST 388 Japan		
HST 391 Modern Southeast Asia		
HST 392 Modern India		

Requirement	Minimum Grade	Cr Hr
HST 396 Islam and Politics (CIVI)		
HST 397 Greece and Rome at War		
HST 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 426 The British Empire		
HST 427 French Revolution/Napoleonic Era		
HST 429 Modern Germany		
HST 430 The Ottoman Empire in the Classical Period		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 439 Athenian Democracy (CIVI)		
HST 441 Latin America and the World Economy		
HST 444 Latin American Independence		
HST 447 Modern Mexico		
HST 448 Mexican/U.S. Border		
HST 454 History of Genocide (GCSI)		
HST 456 The Vietnam War (HUAD)		
HST 460 World War II (HUAD)		
HST 465 Women in Europe, 1750 to Present		

Requirement	Minimum Grade	Cr Hr
Capstone		
HST 495 Methods of Historical Inquiry	C	
Introductory Teacher Preparation Courses		
BLE 220 Foundations of Structured English Immersion (HUAD)	C	
EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)	C	
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	
TEL 111 Exploration of Education (HUAD)	C	
Upper Division Teacher Preparation Courses		
HST 480 Methods of Teaching History: Classroom Resources	C	
HST 481 Methods of Teaching History: Community Resources	C	
Before taking the upper-division Teacher Preparation (TEL) courses, students must successfully complete all introductory teacher preparation courses, first-year composition, math, and history survey courses (HST 100, HST 101, HST 109 and HST 110). In addition, students must have a cumulative ASU GPA of 2.25.		
Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools, at least one semester before you plan to start the upper-division Teacher Preparation (TEL) courses. See https://docs.google.com/document/d/1NUJtBEfHdUkWjqxbKm4g5IIIt-06gCe8L_wuUG57nR0/edit?tab=t.0.		

Requirement	Minimum Grade	Cr Hr
Students must complete specific requirements and submit an online request form prior to enrolling in the upper-division Teacher Preparation (TEL) courses, including verification of an IVP fingerprint card. Meet with your academic advisor to discuss enrollment in upper-division TEL courses.		
TEL 310 Instructional Design and Planning: Instructional Thought and Action While enrolled in TEL 310, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.	C	
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	
TEL 318 Instructional Thought and Action: Assessment for Learning	C	
TEL 332 Disciplinary Literacy Methods While enrolled in TEL 332, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 60 hours over the semester. Reliable transportation is needed to get to school sites.	C	
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	
TEL 366 Professional Experience Internship While enrolled in TEL 366, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.	C	
TEL 488 Student Teaching	C	

Requirement	Minimum Grade	Cr Hr
Student teaching requires a full-time commitment in a 6-12th grade classroom for the semester. All other degree requirements should be completed prior to student teaching (TEL 488). Only one course may be approved to take concurrently with student teaching.		
Students must pass the NES Secondary Professional Knowledge Exam to obtain secondary education teacher certification in Arizona. Completing this exam prior to student teaching is highly recommended. See www.aepa.nesinc.com.		
Students must either have passed the Constitutions of the United States and Arizona AEPA exam or have completed coursework covering this requirement within one year of initial certification.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go

to: https://silc.asu.edu/student-life/academic-advising/language-testing

Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

GCU 113 is recommended for an elective course if students have not yet satisfied the AZ Constitution requirement for teacher certification.

Not all courses in the course lists are available every term. Students should consult the class schedule prior to each term to confirm course availability.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Integrated Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAISTBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
Students may not be admitted directly to the BA in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Approved integrated study courses; determined by advisor	C	15
Upper Division Approved integrated study courses; determined by advisor	C	30

Requirement	Minimum Grade	Credit Hours
Check: Minimum 3.25 ASU Cumulative GPA		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH)	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Integrated Studies, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAISTBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
Students may not be admitted directly to the BS in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Approved integrated study courses; determined by advisor	C	15
Upper Division Approved integrated study courses; determined by advisor	C	30

Requirement	Minimum Grade	Credit Hours
Check: Minimum 3.25 ASU Cumulative GPA		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH)	C	3

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-		1

LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Letters and Cultures, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASLCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
This degree program is intended for students who are already proficient in the language selected to study. Students begin their language coursework at the 300 level and speak with an advisor in the School of International Letters and Cultures about language proficiency and language placement testing.		
The language selected by the student must be one offered by the School of International Letters and Cultures. Please see an academic advisor in SILC for approval of the language as well as the program of study which is tailored for individual students.		
300-Level Advanced Language Courses	C	3
ARB 311 Advanced Arabic Skills I		
ARB 315 Advanced Arabic for Heritage Speakers		

Requirement	Minimum Grade	Credit Hours
ARB 321 Arabic Conversation I		
ARB 340 Arabic Translation		
BCS 311 Bosnian/Croatian/Serbian Composition and Conversation I		
BCS 312 Bosnian/Croatian/Serbian Composition and Conversation II		
CHI 301 Third-Year Chinese I		
CHI 302 Third-Year Chinese II		
CHI 307 Introduction to Literary Chinese I		
CHI 308 Introduction to Literary Chinese II		
CHI 308 Topic: Classical Chinese II		
CHI 348 Pathways into Chinese Culture		
FRE 311 Oral and Written Expression I		
FRE 312 Oral and Written Expression II		
FRE 315 French Phonetics		
FRE 319 Business French		
FRE 321 French Cultural Masterpieces I		
FRE 322 French Cultural Masterpieces II		
FRE 325 French Language and Culture Through Film		
GER 310 Making Sense of German Grammar		
GER 311 Express Yourself in German		

Requirement	Minimum Grade	Credit Hours
GER 312 Explore German Culture (GCSI)		
GER 313 Create in German: Writing, Speaking, Performing		
GER 319 Work with German		
HEB 313 Advanced Modern Hebrew I		
HEB 314 Advanced Modern Hebrew II		
ITA 311 Speak Italy: Language, People, Culture		
ITA 312 Write Italy: Language, People, Culture		
ITA 315 Italian Culture: The Good, The Bad and The Ugly (GCSI)		
ITA 319 Italian for Professions		
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans		
ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)		
JPN 301 Third-Year Japanese I		
JPN 302 Third-Year Japanese II		
JPN 309 Japanese Oral Communication I		
JPN 310 Japanese Oral Communication II		
JPN 311 Japanese Composition I		
JPN 315 The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis		

Requirement	Minimum Grade	Credit Hours
JPN 315 The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis		
JPN 316 The Language of Japanese Popular Culture II: Honorifics and Dialects		
KOR 313 Third-Year Korean I		
KOR 314 Third-Year Korean II		
PLC 311 Advanced Polish I		
PLC 312 Advanced Polish II		
POR 301 Portuguese for Spanish Speakers I		
POR 302 Portuguese for Spanish Speakers II		
POR 313 Portuguese Conversation and Culture		
POR 314 Portuguese Composition and Culture		
ROM 313 Romanian Composition and Conversation		
RUS 311 Russian Society I		
RUS 312 Russian Society II		
SPA 313 Spanish Conversation and Composition		
SPA 314 Spanish Conversation and Composition		
SPA 315 Advanced Spanish I for Bilinguals (SOBE)		
SPA 316 Advanced Spanish II for Bilinguals (CIVI)		
SPA 319 Business Correspondence and Communication		

Requirement	Minimum Grade	Credit Hours
SPA 325 Introduction to Hispanic Literature (HUAD)		
SPA 382 Spanish for Biomedical Sciences		
400-Level GRK/LAT/SLC Courses	C	3
GRK 444 / SLC 444 Heroes, Ancient and Modern		
LAT 421 Roman Literature		
SLC 414 French and Italian Popular Culture (GCSI)		
SLC 415 Korean Popular Culture		
SLC 423 Italian Organized Crime in Films and History (HUAD)		
SLC 429 Studies in European Literature and Culture		
SLC 430 Buddhist Meditation in East Asia		
SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
SLC 440 Film Theory and Criticism		
SLC 441 Fairy Tales to Disney Movies (GCSI)		
SLC 442 Dracula and Vampire Lore (HUAD)		
SLC 445 Holocaust, War and German Memory		
SLC 446 Weimar-Era German Film (HUAD)		
SLC 447 German Modernism		
SLC 450 Experimental Narrative		
SLC 455 Berlin: Migration, Arts and Activism		

Requirement	Minimum Grade	Credit Hours
SLC 457 Premodern Korea in a Global Context **SLC 475 Latin American Film**		
Upper Division Course from approved program of study	C	27
Course from approved program of study	C	15
Meet with your academic advisor in SILC regarding your program of study.		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Letters and Cultures (Arabic Studies), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASLCASBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
ARB 311 Advanced Arabic Skills I OR **ARB 315 Advanced Arabic for Heritage Speakers**	C	3
ARB 331 Arabic/Islamic Culture and Literature (GCSI)	C	3
ARB 341 Quran Text and Women (GCSI)	C	3
ARB 351 Classical Arabic Literature (HUAD)	C	3
ARB 352 Modern Arabic Literature in Translation (HUAD)	C	3
ARB 411 Advanced Arabic Skills II	C	3
Upper Division Concentration Electives **ARB 321 Arabic Conversation I**	C	6

Requirement	Minimum Grade	Credit Hours
ARB 335 Arabic Culture and Islam (GCSI)		
ARB 336 Introduction to the Qur'an (GCSI)		
ARB 337 Hadith and Prophetic Tradition		
ARB 340 Arabic Translation		
ARB 360 Islamic Philosophical Literature		
ARB 394 Special Topics		
ARB 421 Arabic Conversation II		
ARB 422 Advanced Arabic Media		
ARB 428 Gender and Sexuality Discourse in the Middle East		
ARB 493 Honors Thesis		
ARB 494 Special Topics		
ARB 499 Individualized Instruction		
Upper Division Restricted Content Courses in Arabic		
ARB 421 Arabic Conversation II		
ARB 422 Advanced Arabic Media	C	6
ARB 427 Arabic Prose: Reading the Arabian Nights		

School of International Letters and Cultures Requirements

Requirement	Minimum Grade	Credit Hours
SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Arabic (ARB) courses.	C	20

Additional Requirements

Upper Division Related Area Course Elective		
AFR 480 Different Voices Within Contemporary Islamic Discourse **HST 360 Crusades and Holy Wars (HUAD)** **HST 372 Modern Middle East (GCSI)** **POS 353 Comparative Politics of the Middle East (GCSI)** **REL 365 Islamic Civilization (HUAD)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Letters and Cultures (Classical Civilization), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASLCVBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
GRK 142 Ancient Greek Civilization (HUAD) **or** **SLC 142 Ancient Greek Civilization (HUAD)** OR **LAT 143 Roman Civilization (GCSI)** **or** **SLC 143 Roman Civilization (GCSI)**	C	3
GRK 223 Introduction to Greek and Roman Mythology (HUAD) **or** **LAT 223 Introduction to Greek and Roman Mythology (HUAD)** **or** **SLC 223 Introduction to Greek and Roman Mythology (HUAD)**	C	3
400-Level GRK/LAT/SLC Course **GRK 444** / **SLC 444 Heroes, Ancient and Modern** **LAT 421 Roman Literature**	C	3

Requirement	Minimum Grade	Credit Hours
SLC 414 French and Italian Popular Culture (GCSI)		
SLC 415 Korean Popular Culture		
SLC 423 Italian Organized Crime in Films and History (HUAD)		
SLC 429 Studies in European Literature and Culture		
SLC 430 Buddhist Meditation in East Asia		
SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
SLC 440 Film Theory and Criticism		
SLC 441 Fairy Tales to Disney Movies (GCSI)		
SLC 442 Dracula and Vampire Lore (HUAD)		
SLC 445 Holocaust, War and German Memory		
SLC 447 German Modernism		
SLC 450 Experimental Narrative		
SLC 455 Berlin: Migration, Arts and Activism		
SLC 457 Premodern Korea in a Global Context		
SLC 475 Latin American Film		
Upper Division Culture Core	C	6
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		

Requirement	Minimum Grade	Credit Hours
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
Upper Division History Core		
GRK 346 / SLC 346 / HST 346 Ancient Greece II: Late Classical and Hellenistic Period	C	6
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
LAT 373 / SLC 373 / HST 373 Roman History I: Foundations and Republic		
LAT 374 / SLC 374 / HST 374 Roman History II: The Roman Empire (GCSI)		
Upper Division Ancient World Elective	C	9
APH 441 Ancient Arch		
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 301 Ancient Greek Literature I		

Requirement	Minimum Grade	Credit Hours
GRK 302 Ancient Greek Literature II		
GRK 344 / SLC 344 Classics and Comics		
GRK 346 / SLC 346 / HST 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 360 / LAT 360 / SLC 360 / HST 397 Greece and Rome at War		
GRK 362 / REL 360 / SLC 362 Ancient Greek Religion		
GRK 444 / SLC 444 Heroes, Ancient and Modern		
HST 349 Early Middle Ages		
HST 495 Methods of Historical Inquiry		
LAT 361 / SLC 361 / REL 361 Roman Religion		
LAT 373 / SLC 373 / HST 373 Roman History I: Foundations and Republic		
LAT 421 Roman Literature		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 316 Literary Readings of the Hebrew Bible		
REL 371 New Testament (GCSI)		
REL 375 Lost Scriptures, Forgotten Gospels		

Requirement	Minimum Grade	Credit Hours
Ancient World Elective	C	3
GRK 201 Intermediate Ancient Greek		
LAT 201 Intermediate Latin I		
LAT 202 Intermediate Latin II		
APH 441 Ancient Arch		
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 301 Ancient Greek Literature I		
GRK 302 Ancient Greek Literature II		
GRK 344 / SLC 344 Classics and Comics		
GRK 346 / SLC 346 / HST 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 360 / LAT 360 / SLC 360 / HST 397 Greece and Rome at War		
GRK 362 / REL 360 / SLC 362 Ancient Greek Religion		

Requirement	Minimum Grade	Credit Hours
GRK 444 / SLC 444 Heroes, Ancient and Modern		
HST 349 Early Middle Ages		
HST 495 Methods of Historical Inquiry		
LAT 361 / SLC 361 / REL 361 Roman Religion		
LAT 373 / SLC 373 / HST 373 Roman History I: Foundations and Republic		
LAT 421 Roman Literature		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 316 Literary Readings of the Hebrew Bible		
REL 371 New Testament (GCSI)		
REL 375 Lost Scriptures, Forgotten Gospels		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that

satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Letters and Cultures (Classics), BA - Greek

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASLCCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

400-Level GRK/LAT/SLC Course	C	3
GRK 444 / SLC 444 Heroes, Ancient and Modern		
LAT 421 Roman Literature		
SLC 414 French and Italian Popular Culture (GCSI)		
SLC 415 Korean Popular Culture		
SLC 423 Italian Organized Crime in Films and History (HUAD)		
SLC 429 Studies in European Literature and Culture		
SLC 430 Buddhist Meditation in East Asia		

Requirement	Minimum Grade	Credit Hours
SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
SLC 440 Film Theory and Criticism		
SLC 441 Fairy Tales to Disney Movies (GCSI)		
SLC 442 Dracula and Vampire Lore (HUAD)		
SLC 445 Holocaust, War and German Memory		
SLC 446 Weimar-Era German Film (HUAD)		
SLC 447 German Modernism		
SLC 450 Experimental Narrative		
SLC 455 Berlin: Migration, Arts and Activism		
SLC 457 Premodern Korea in a Global Context		
SLC 475 Latin American Film		
Upper Division Culture Core		
GRK 351 / SLC 351 Tales of Troy	C	6
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
Upper Division Ancient World Elective	C	6

Requirement	Minimum Grade	Credit Hours
APH 441 Ancient Arch		
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 301 Ancient Greek Literature I		
GRK 302 Ancient Greek Literature II		
GRK 344 / LAT 344 / SLC 344 Classics and Comics		
GRK 346 / HST 346 / SLC 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		
GRK 360 / LAT 360 / SLC 360 / HST 397 Greece and Rome at War		
GRK 362 / REL 360 / SLC 362 Ancient Greek Religion		
GRK 363 / LAT 363 / SLC 363 Ancient Magic and Witchcraft		

Requirement	Minimum Grade	Credit Hours
GRK 444 / SLC 444 Heroes, Ancient and Modern		
HST 349 Early Middle Ages		
HST 495 Methods of Historical Inquiry		
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
LAT 361 / REL 361 / SLC 361 Roman Religion		
LAT 373 / HST 373 / SLC 373 Roman History I: Foundations and Republic		
LAT 421 Roman Literature		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
Ancient World Elective	C	6
GRK 223 / LAT 223 / SLC 223 Introduction to Greek and Roman Mythology (HUAD)		
LAT 201 Intermediate Latin I		
LAT 202 Intermediate Latin II		
APH 441 Ancient Arch		
ARS 402 Art of Ancient Egypt (GCSI)		

Requirement	Minimum Grade	Credit Hours
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 301 Ancient Greek Literature I		
GRK 302 Ancient Greek Literature II		
GRK 344 / LAT 344 / SLC 344 Classics and Comics		
GRK 346 / HST 346 / SLC 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		
GRK 360 / LAT 360 / SLC 360 / HST 397 Greece and Rome at War		
GRK 362 / REL 360 / SLC 362 Ancient Greek Religion		
GRK 363 / LAT 363 / SLC 363 Ancient Magic and Witchcraft		
GRK 444 / SLC 444 Heroes, Ancient and Modern		
HST 349 Early Middle Ages		

Requirement	Minimum Grade	Credit Hours
HST 495 Methods of Historical Inquiry		
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
LAT 361 / REL 361 / SLC 361 Roman Religion		
LAT 373 / HST 373 / SLC 373 Roman History I: Foundations and Republic		
LAT 421 Roman Literature		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		

BA ILC - Ancient Greek Language Greek Emphasis

GRK 101 Elementary Ancient Greek	C	4
GRK 201 Intermediate Ancient Greek	C	4
GRK 301 Ancient Greek Literature I Students are required to take GRK 301 twice.	C	6
GRK 302 Ancient Greek Literature II Students are required to take GRK 302 twice.	C	6

School of International Letters and Cultures Requirements

Requirement	Minimum Grade	Credit Hours
SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Greek (GRK) courses.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - International Letters and Cultures (Classics), BA - Latin

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASLCCBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
400-Level GRK/LAT/SLC Course	C	3
GRK 444 / SLC 444 Heroes, Ancient and Modern		
LAT 421 Roman Literature		
SLC 414 French and Italian Popular Culture (GCSI)		
SLC 415 Korean Popular Culture		
SLC 423 Italian Organized Crime in Films and History (HUAD)		
SLC 429 Studies in European Literature and Culture		
SLC 430 Buddhist Meditation in East Asia		

Requirement	Minimum Grade	Credit Hours
SLC 439 Art in Exile: VladÃmir VladÃmirovich Nabokov		
SLC 440 Film Theory and Criticism		
SLC 441 Fairy Tales to Disney Movies (GCSI)		
SLC 442 Dracula and Vampire Lore (HUAD)		
SLC 445 Holocaust, War and German Memory		
SLC 446 Weimar-Era German Film (HUAD)		
SLC 447 German Modernism		
SLC 450 Experimental Narrative		
SLC 450 Experimental Narrative		
SLC 455 Berlin: Migration, Arts and Activism		
SLC 457 Premodern Korea in a Global Context		
SLC 475 Latin American Film		
Upper Division Classics Core		
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires	C	6
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		

Requirement	Minimum Grade	Credit Hours
Upper Division Ancient World Elective	C	9
APH 441 Ancient Arch		
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 301 Ancient Greek Literature I		
GRK 302 Ancient Greek Literature II		
GRK 344 / LAT 344 / SLC 344 Classics and Comics		
GRK 346 / HST 346 / SLC 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		
GRK 360 / LAT 360 / HST 397 Greece and Rome at War		
GRK 363 / LAT 363 / SLC 363 Ancient Magic and Witchcraft		
GRK 444 / SLC 444 Heroes, Ancient and Modern		

Requirement	Minimum Grade	Credit Hours
HST 349 Early Middle Ages		
HST 495 Methods of Historical Inquiry		
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
LAT 361 / SLC 361 Roman Religion		
LAT 373 / HST 373 / SLC 373 Roman History I: Foundations and Republic		
LAT 421 Roman Literature		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 316 Literary Readings of the Hebrew Bible		
REL 371 New Testament (GCSI)		
REL 375 Lost Scriptures, Forgotten Gospels		
Ancient World Elective	C	3
GRK 201 Intermediate Ancient Greek		
GRK 223 / LAT 223 / SLC 223 Introduction to Greek and Roman Mythology (HUAD)		
APH 441 Ancient Arch		

Requirement	Minimum Grade	Credit Hours
ARS 402 Art of Ancient Egypt (GCSI)		
ARS 404 Greek Art		
ARS 406 Roman Art		
ASB 330 Understanding Archaeology (SOBE)		
ENG 303 Classical Backgrounds of English Literature (HUAD)		
GRK 301 Ancient Greek Literature I		
GRK 302 Ancient Greek Literature II		
GRK 344 / LAT 344 / SLC 344 Classics and Comics		
GRK 346 / HST 346 / SLC 346 Ancient Greece II: Late Classical and Hellenistic Period		
GRK 347 / HST 347 / SLC 345 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
GRK 351 / SLC 351 Tales of Troy		
GRK 352 / SLC 352 The Rise and Fall of Ancient Athens		
GRK 353 / SLC 353 Alexander and His Empires		
GRK 360 / LAT 360 / HST 397 Greece and Rome at War		
GRK 363 / LAT 363 / SLC 363 Ancient Magic and Witchcraft		
GRK 444 / SLC 444 Heroes, Ancient and Modern		
HST 349 Early Middle Ages		
HST 495 Methods of Historical Inquiry		

Requirement	Minimum Grade	Credit Hours
LAT 356 / SLC 356 Rome from Village to Empire		
LAT 357 / SLC 357 Rome's First Emperor		
LAT 358 / SLC 358 Saving the Roman Empire		
LAT 361 / SLC 361 Roman Religion		
LAT 373 / HST 373 / SLC 373 Roman History I: Foundations and Republic		
LAT 421 Roman Literature		
PHI 328 History of Ancient Philosophy (GCSI)		
POS 340 History of Political Philosophy I		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 316 Literary Readings of the Hebrew Bible		
REL 371 New Testament (GCSI)		
REL 375 Lost Scriptures, Forgotten Gospels		

BA ILC - Primary Target Language Latin Emphasis

LAT 101 Elementary Latin	C	4
LAT 102 Elementary Latin	C	4
LAT 201 Intermediate Latin I	C	4
LAT 202 Intermediate Latin II	C	4
LAT 421 Roman Literature	C	6

Requirement	Minimum Grade	Credit Hours
LAT 421 can be repeated for credit; students are required to take LAT 421 twice.		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Latin (LAT) courses.	C	

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences		1

OR **ASU 101-LA The ASU Experience**			
Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.			
First-Year Composition			
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**			
OR **ENG 105 Advanced First-Year Composition**		C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**			

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq			
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr			
Mathematics Placement Assessment score determines placement in first mathematics course.			
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.			
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing			

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Relations, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAINRBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
INR 205 Perspectives on International Relations	C	3
POS 160 Global Politics (GCSI) OR **SGS 101 Thinking Globally (GCSI)** POS 360 and SGS 301 can substitute for POS 160 and SGS 101 and are recommended for transfer students.	C	6
POS 301 Empirical Political Inquiry (SOBE)	C	3
Upper Division International Relations Track Electives INTELLIGENCE, DIPLOMACY, AND SECURITY **POS 348 Do You Want to Build a Nation? (CIVI)** **POS 364 National Security, Intelligence, and Terrorism (SOBE)**	C	12

Requirement	Minimum Grade	Credit Hours
POS 394 Topic: Democratic Resilience in the Digital Age		
POS 394 Topic: The Politics of Cyberspace		
POS 466 Migration, Environment and Global Security		
POS 467 International Security (GCSI)		
POS 494 / **SGS 494 Topic: Diplomacy/PolicyDesignStudio I**		
POS 494 Topic: Spies, Intelligence, & National Security		
SGS 494 Topic: International Criminal Tribunals & Global Security		
INTERNATIONAL LAW, ECONOMY, AND INSTITUTIONS		
POS 351 Democratization (GCSI)		
POS 356 European Union (GCSI)		
POS 361 American Foreign Policy (SOBE)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 465 International Organization and Law (GCSI)		
POS 480 Global Justice (GCSI)		
POS 486 International Political Economy (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 321 International Institutions and Global Governance		
SGS 323 International Development		

Requirement	Minimum Grade	Credit Hours
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 350 Economic Development and Globalization		
SGS 379 The Resource Curse		
CULTURE, POLITICS AND IDENTITY		
POS 300 Contemporary Global Controversies (GCSI)		
POS 352 European Democracies		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 359 African Politics and Society		
POS 368 Ethics and Human Rights (GCSI)		
POS 378 Religion, War and Peace (CIVI)		
POS 388 Religion, Ethics, and International Politics (CIVI)		
SGS 360 Cultural Aspects of Globalization		
SGS 370 Geopolitics (GCSI)		
International Relations Track Electives	C	6
INTELLIGENCE, DIPLOMACY, AND SECURITY		
POS 348 Do You Want to Build a Nation? (CIVI)		

Requirement	Minimum Grade	Credit Hours
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 394 Topic: Democratic Resilience in the Digital Age		
POS 394 Topic: The Politics of Cyberspace		
POS 466 Migration, Environment and Global Security		
POS 467 International Security (GCSI)		
POS 494 / **SGS 494 Topic: Diplomacy/PolicyDesignStudio I**		
POS 494 Topic: Spies, Intelligence, & National Security		
SGS 204 Professional Global Career Development		
SGS 494 Topic: International Criminal Tribunals & Global Security		
INTERNATIONAL LAW, ECONOMY, AND INSTITUTIONS		
POS 150 Comparative Government (GCSI) **or** **POS 350 Comparative Politics (GCSI)**		
POS 351 Democratization (GCSI)		
POS 356 European Union (GCSI)		
POS 361 American Foreign Policy (SOBE)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 465 International Organization and Law (GCSI)		
POS 480 Global Justice (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 486 International Political Economy (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 321 International Institutions and Global Governance		
SGS 323 International Development		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 350 Economic Development and Globalization		
SGS 379 The Resource Curse		
CULTURE, POLITICS AND IDENTITY		
POS 240 / **SGS 240 Introduction to Southeast Asia**		
POS 260 Current Issues in International Politics (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 352 European Democracies		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 359 African Politics and Society		
POS 368 Ethics and Human Rights (GCSI)		
POS 378 Religion, War and Peace (CIVI)		

Requirement	Minimum Grade	Credit Hours
POS 388 Religion, Ethics, and International Politics (CIVI)		
SGS 107 Religion and Globalization (GCSI)		
SGS 360 Cultural Aspects of Globalization		
SGS 370 Geopolitics (GCSI)		
For the International Relations Track Electives, students may choose any combination of courses from the three different track lists. 12 of the 18 credit hours must be upper division.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

Any course from the subjects in the list below apply to the Related Area requirement.		

Upper Division Related Area		
AFR Elective		
AIS Elective		
ASB Elective		
ASM Elective		
COM Elective		
ECN Elective		
FAS Elective		
GCU Elective		
GIS Elective		
GPH Elective	C	6
HST Elective		
JUS Elective		
PHI Elective		
PSY Elective		
REL Elective		
SOC Elective		
SOS Elective		
TCL Elective		
WST Elective		
Related Area	C	6

AFR Elective

AIS Elective

ASB Elective

ASM Elective

COM Elective

ECN Elective

FAS Elective

GCU Elective

GIS Elective

GPH Elective

HST Elective

JUS Elective

PHI Elective

PSY Elective

REL Elective

SOC Elective

SOS Elective

TCL Elective

WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - International Relations, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAINRBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
INR 205 Perspectives on International Relations	C	3
POS 160 Global Politics (GCSI) OR **SGS 101 Thinking Globally (GCSI)** POS 360 and SGS 301 can substitute for POS 160 and SGS 101 and are recommended for transfer students.	C	6
POS 301 Empirical Political Inquiry (SOBE)	C	3
POS 401 Political Statistics (QTRS)	C	3
For the International Relations Track Electives, students may choose any combination of courses from the three different track lists. 15 of the 21 credit hours must be upper division.		
Upper Division International Relations Track Electives	C	15

Requirement	Minimum Grade	Credit Hours
INTELLIGENCE, DIPLOMACY, AND SECURITY		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 394 Topic: Democratic Resilience in the Digital Age		
POS 394 Topic: The Politics of Cyberspace		
POS 466 Migration, Environment and Global Security		
POS 467 International Security (GCSI)		
POS 494 / **SGS 494 Topic: Diplomacy/PolicyDesignStudio I**		
POS 494 Topic: Spies, Intelligence, & National Security		
SGS 494 Topic: International Criminal Tribunals & Global Security		
INTERNATIONAL LAW, ECONOMY AND INSTITUTIONS		
POS 351 Democratization (GCSI)		
POS 356 European Union (GCSI)		
POS 361 American Foreign Policy (SOBE)		
POS 367 World Politics and Global Inequalities (GCSI)		
POS 465 International Organization and Law (GCSI)		
POS 480 Global Justice (GCSI)		
POS 486 International Political Economy (GCSI)		

Requirement	Minimum Grade	Credit Hours
SGS 303 Global Trends (GCSI)		
SGS 321 International Institutions and Global Governance		
SGS 323 International Development		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 350 Economic Development and Globalization		
SGS 379 The Resource Curse		
CULTURE, POLITICS AND IDENTITY		
POS 300 Contemporary Global Controversies (GCSI)		
POS 352 European Democracies		
POS 353 Comparative Politics of the Middle East (GCSI)		
POS 359 African Politics and Society		
POS 368 Ethics and Human Rights (GCSI)		
POS 378 Religion, War and Peace (CIVI)		
POS 388 Religion, Ethics, and International Politics (CIVI)		
SGS 360 Cultural Aspects of Globalization		
SGS 370 Geopolitics (GCSI)		

Requirement	Minimum Grade	Credit Hours
International Relations Track Electives	C	6
INTELLIGENCE, DIPLOMACY, AND SECURITY		
POS 348 Do You Want to Build a Nation? (CIVI)		
POS 364 National Security, Intelligence, and Terrorism (SOBE)		
POS 394 Topic: Democratic Resilience in the Digital Age		
POS 394 Topic: The Politics of Cyberspace		
POS 466 Migration, Environment and Global Security		
POS 467 International Security (GCSI)		
POS 494 / **SGS 494 Topic: Diplomacy/PolicyDesignStudio I**		
POS 494 Topic: Spies, Intelligence, & National Security		
SGS 204 Professional Global Career Development		
SGS 494 Topic: International Criminal Tribunals & Global Security		
INTERNATIONAL LAW, ECONOMY AND INSTITUTIONS		
POS 150 Comparative Government (GCSI) **or** **POS 350 Comparative Politics (GCSI)**		
POS 351 Democratization (GCSI)		
POS 356 European Union (GCSI)		
POS 361 American Foreign Policy (SOBE)		

Requirement	Minimum Grade	Credit Hours
POS 367 World Politics and Global Inequalities (GCSI)		
POS 465 International Organization and Law (GCSI)		
POS 480 Global Justice (GCSI)		
POS 486 International Political Economy (GCSI)		
SGS 303 Global Trends (GCSI)		
SGS 321 International Institutions and Global Governance		
SGS 323 International Development		
SGS 330 Globalization and the Environment: Problems and Solutions (SUST)		
SGS 340 Violence, Conflict and Human Rights (GCSI)		
SGS 341 Humanitarian Crisis and International Intervention		
SGS 350 Economic Development and Globalization		
SGS 379 The Resource Curse		
CULTURE, POLITICS AND IDENTITY		
POS 240 / **SGS 240 Introduction to Southeast Asia**		
POS 260 Current Issues in International Politics (GCSI)		
POS 300 Contemporary Global Controversies (GCSI)		
POS 352 European Democracies		
POS 353 Comparative Politics of the Middle East (GCSI)		

Requirement	Minimum Grade	Credit Hours
POS 359 African Politics and Society		
POS 368 Ethics and Human Rights (GCSI)		
POS 378 Religion, War and Peace (CIVI)		
POS 388 Religion, Ethics, and International Politics (CIVI)		
SGS 107 Religion and Globalization (GCSI)		
SGS 360 Cultural Aspects of Globalization		
SGS 370 Geopolitics (GCSI)		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Upper Division Science and Society Elective	C	3

Science and Society Elective	C	3

Additional Requirements

Any course from the subjects in the list below will apply to the Related Area requirement.

Upper Division Related Area	C	6

- AFR Elective
- AIS Elective
- ASB Elective
- ASM Elective
- COM Elective
- ECN Elective
- FAS Elective
- GCU Elective
- GIS Elective
- GPH Elective
- HST Elective
- JUS Elective
- PHI Elective
- PSY Elective
- REL Elective
- SOC Elective

SOS Elective

TCL Elective

WST Elective

Related Area	C	6

AFR Elective

AIS Elective

ASB Elective

ASM Elective

COM Elective

ECN Elective

FAS Elective

GCU Elective

GIS Elective

GPH Elective

HST Elective

JUS Elective

PHI Elective

PSY Elective

REL Elective

SOC Elective

SOS Elective

TCL Elective

WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Italian, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAITABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
ITA 201 Intermediate Italian I AND ITA 202 Intermediate Italian II Six credit hours of ITA 210 can be used to fulfill the ITA 201 and ITA 202 requirement.	C	8
ITA 311 Speak Italy: Language, People, Culture **OR ITA 312 Write Italy: Language, People, Culture** **OR ITA 315 Italian Culture: The Good, The Bad and The Ugly (GCSI)** **OR ITA 319 Italian for Professions**	C	6
ITA 321 Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans **OR ITA 322 Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
ITA 413 Advanced Italian	C	3
400-Level **ITA Elective** Recommended: **ITA 414** OR **ITA 420** OR **ITA 423** OR **ITA 494**	C	9
Upper Division **ITA Elective** Recommended: **ITA 319** OR **ITA 350** OR **ITA 380** OR **ITA 394** OR **ITA 414** OR **ITA 420** OR **ITA 423** OR **ITA 494**	C	3

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Italian (ITA) courses.	C	8

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree		

requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Jewish Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAJSTBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Check: Minimum 2.5 Major GPA		
Core		
JST 210 Introduction to Judaism OR **REL 210 Introduction to Judaism**	C	3
HST 211 Jews and Judaism in America OR **JST 211 Jews and Judaism in America** OR **REL 211 Jews and Judaism in America**	C	3
HST 230 Introduction to Jewish Civilization (GCSI) OR **JST 230 Introduction to Jewish Civilization (GCSI)** OR **REL 230 Introduction to Jewish Civilization (GCSI)**	C	3

Requirement	Minimum Grade	Credit Hours
JST 490 Methods of Historical Inquiry JST 490 is the capstone course for the Jewish Studies major and is typically offered only in Spring semesters.	C	3

Jewish Studies Electives

Students must complete 18 credit hours of Jewish Studies electives, at least 15 of which must be upper division.

Upper Division Jewish Studies Electives	C	15
ENG 333 Topic: American Jewish Literature during the Cold War		
ENG 356 The Bible as Literature		
HEB 375 Contemporary Culture of Israel		
HST 302 Topic: Jews, Christians & Muslims in Early Modern World		
HST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 304 Topic: Exiles, Migrants, Refugees in Jewish History		
HST 304 Topic: History of Antisemitism		
HST 304 Topic: Jews and Christians in the Middle Ages		
HST 304 Topic: Nazi Germany		
HST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 358 Jewish History from Antiquity to 1492		

Requirement	Minimum Grade	Credit Hours
HST 359 Jewish History from 1492 to 1948		
HST 372 Modern Middle East (GCSI)		
JST 302 Studies in History		
JST 304 Studies in European History		
JST 314 / HST 390 / PHI 390 / REL 314 Jewish Philosophy		
JST 315 / REL 315 Hebrew Bible (Old Testament) (HUAD)		
JST 316 / ENG 316 / HEB 316 / REL 316 Literary Readings of the Hebrew Bible		
JST 346 / FMS 349 / HEB 349 Israeli Wars in Israeli Movies (HUAD)		
JST 347 / ENG 347 / HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)		
JST 348 / HEB 348 / SLC 348 / REL 311 Israeli Society and Culture (HUAD)		
JST 349 / HPS 349 / REL 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
JST 369 / HST 369 / REL 312 History and Memory of the Holocaust		
JST 411 / HEB 411 / REL 411 Judaism and the Beginnings of Christianity (HUAD)		
JST 445 / FMS 445 / GER 445 / SLC 445 Holocaust, War and German Memory		
JST 460 / HST 460 World War II (HUAD)		

Requirement	Minimum Grade	Credit Hours
JST 491 History of Antisemitism		
JST 495 Judaism, Science and World Religions		
JST 496 Biblical Narratives: Literary Approaches		
REL 310 Western Religious Traditions		
REL 385 Contemporary Western Religious Thought		
SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HUAD)		
STS 364 Science, Technology, and National Security		
Jewish Studies Electives	C	3
ENG 333 Topic: American Jewish Literature during the Cold War		
ENG 356 The Bible as Literature		
HEB 375 Contemporary Culture of Israel		
HST 302 Topic: Jews, Christians & Muslims in Early Modern World		
HST 302 Topic: Jews, Christians & Muslims in the Medieval World		
HST 304 Topic: Exiles, Migrants, Refugees in Jewish History		
HST 304 Topic: History of Antisemitism		
HST 304 Topic: Jews and Christians in the Middle Ages		
HST 304 Topic: Nazi Germany		

Requirement	Minimum Grade	Credit Hours
HST 304 Topic: Rebirth of European Jewish Life after 1950		
HST 358 Jewish History from Antiquity to 1492		
HST 359 Jewish History from 1492 to 1948		
HST 372 Modern Middle East (GCSI)		
JST 294 / HEB 294 / HST 294 / POS 294 / REL 294 / SGS 294 Topic: History of Zionism: Origin-Establishment of Israel		
JST 294 / HST 294 / POS 294 / SGS 294 Topic: Israeli Politics		
JST 302 Studies in History		
JST 304 Studies in European History		
JST 314 / HST 390 / PHI 390 / REL 314 Jewish Philosophy		
JST 315 / REL 315 Hebrew Bible (Old Testament) (HUAD)		
JST 316 / ENG 316 / HEB 316 / REL 316 Literary Readings of the Hebrew Bible		
JST 346 / FMS 349 / HEB 349 Israeli Wars in Israeli Movies (HUAD)		
JST 347 / ENG 347 / HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)		
JST 348 / HEB 348 / SLC 348 / REL 311 Israeli Society and Culture (HUAD)		
JST 349 / HPS 349 / REL 349 / SOS 349 Nature,		

Requirement	Minimum Grade	Credit Hours
Sustainability and Religion (SUST)		
JST 369 / **HST 369** / **REL 312 History and Memory of the Holocaust**		
JST 411 / **HEB 411** / **REL 411 Judaism and the Beginnings of Christianity (HUAD)**		
JST 445 / **FMS 445** / **GER 445** / **SLC 445 Holocaust, War and German Memory**		
JST 460 / **HST 460 World War II (HUAD)**		
JST 491 History of Antisemitism		
JST 495 Judaism, Science and World Religions		
JST 496 Biblical Narratives: Literary Approaches		
REL 207 Ritual, Symbol, and Myth (HUAD)		
REL 310 Western Religious Traditions		
REL 385 Contemporary Western Religious Thought		
SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HUAD)		
STS 364 Science, Technology, and National Security		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement satisfied through completion of Modern Hebrew, Biblical Hebrew, Arabic, German, Polish, Russian or Spanish at the intermediate level (202 or equivalent). Credit hours for second language courses will vary depending on the language chosen. Students who are already proficient in one of these languages may take a proficiency exam.	C	16

Additional Requirements

Students must complete 15 credit hours of coursework in Related Areas, at least nine of which must be upper division.

Upper Division Related Area Courses	C	9
ASB Elective		
HST Elective		
HUL Elective		
POS Elective		
REL Elective		
SGS Elective		
SOC Elective		
WST Elective		
AFR 301 Race and Racism in Africa/African Diaspora (HUAD)		
AFR 318 African and African Diaspora Women Writers		
AFR 370 Family Ethnic and Cultural Diversity (CIVI)		

AFR 375 Race, Gender and Sport (SOBE)

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

ENG 315 Medieval Literature in Translation

ENG 333 American Ethnic Literature

ENG 356 The Bible as Literature

ENG 364 Women and Literature (HUAD)

GCU 328 Geography of Middle East and North Africa (GCSI)

GER 315 Germanic Mythology

GER 416 German Civilization

GER 421 German Literature Survey, 800-1800

GER 422 German Literature Survey, 1800-Today

GER 431 German Humor

GER 441 Fairy Tales to Disney Movies (GCSI)

IAS 430 Science and Religion (HUAD)

JUS 320 Community and Social Justice

JUS 352 The Global Politics of Human Rights (CIVI)

JUS 360 Law and Social Control (SOBE)

JUS 374 The Holocaust, Genocide, and Human Rights

JUS 425 Race, Gender, and Justice (CIVI)

JUS 430 Social Protest, Conflict, and Change (CIVI)

JUS 438 Human Differences: Dilemmas of Justice (CIVI)

JUS 467 Terrorism, War, and Justice (CIVI)

PHI 336 Social and Political Philosophy

PSY 350 Social Psychology (SOBE)

SLC 361 / LAT 361 Roman Religion

SLC 362 / GRK 362 Ancient Greek Religion

SLC 444 / GRK 444 / LAT 444 Heroes, Ancient and Modern

SLC 455 / GER 455 Berlin: Migration, Arts and Activism

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 425 Understanding Spain: Literature and Culture Before 1700

SPA 426 Literature and Society in Modern Spain

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

SPA 428 Foundational Texts of Latin American Literature Since Modernismo

SPA 429 Writing Mexico: Major Texts

SPA 434 Drama of the Golden Age

SPA 456 20th-Century Spanish American Fiction

SPA 464 JaitÃ³n Works in Chicano/a Literature

SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)

SPA 472 Latin American Society: Five Case Studies

SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)

SPA 485 Chicano/a Short Story: Espanglish, Barrio y Xicanismo

SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala

SPA 487 Chicano/a Drama: Pachucos, Vendidos y Cerezitas

THP 482 Theatre for Social Change (CIVI)

Related Area Courses	C	6

ASB Elective

HST Elective

HUL Elective

POS Elective

REL Elective

SGS Elective

SOC Elective

WST Elective

AFR 200 Introduction to Africana Studies (GCSI)

AFR 301 Race and Racism in Africa/African Diaspora (HUAD)

AFR 318 African and African Diaspora Women Writers

AFR 370 Family Ethnic and Cultural Diversity (CIVI)

AFR 375 Race, Gender and Sport (SOBE)

ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

CRJ 100 Introduction to Criminal Justice (SOBE)

ENG 315 Medieval Literature in Translation

ENG 333 American Ethnic Literature

ENG 356 The Bible as Literature

ENG 364 Women and Literature (HUAD)

GCU 328 Geography of Middle East and North Africa (GCSI)

GER 315 Germanic Mythology

GER 416 German Civilization

GER 421 German Literature Survey, 800-1800

GER 422 German Literature Survey, 1800-Today

GER 431 German Humor

GER 441 Fairy Tales to Disney Movies (GCSI)

IAS 430 Science and Religion (HUAD)

JUS 320 Community and Social Justice

JUS 352 The Global Politics of Human Rights (CIVI)

JUS 360 Law and Social Control (SOBE)

JUS 374 The Holocaust, Genocide, and Human Rights

JUS 425 Race, Gender, and Justice (CIVI)

JUS 430 Social Protest, Conflict, and Change (CIVI)

JUS 438 Human Differences: Dilemmas of Justice (CIVI)

JUS 467 Terrorism, War, and Justice (CIVI)

PHI 336 Social and Political Philosophy

PSY 350 Social Psychology (SOBE)

SLC 142 / GRK 142 Ancient Greek Civilization (HUAD)

SLC 223 / GRK 223 / LAT 223 Introduction to Greek and Roman Mythology (HUAD)

SLC 361 / LAT 361 Roman Religion

SLC 362 / GRK 362 Ancient Greek Religion

SLC 444 / GRK 444 / LAT 444 Heroes, Ancient and Modern

SLC 455 / GER 455 Berlin: Migration, Arts and Activism

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 425 Understanding Spain: Literature and Culture Before 1700

SPA 426 Literature and Society in Modern Spain

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

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SPA 429 Writing Mexico: Major Texts

SPA 434 Drama of the Golden Age

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SPA 464 JaitÃ³n Works in Chicano/a Literature

SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)

SPA 472 Latin American Society: Five Case Studies

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SPA 485 Chicano/a Short Story: Espanglish, Barrio y Xicanismo

SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala

SPA 487 Chicano/a Drama: Pachucos, Vendidos y Cerezitas

THP 482 Theatre for Social Change (CIVI)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

Biblical Hebrew language courses are worth 3 credit hours each. Students completing Biblical Hebrew will need additional elective credit hours to reach the 120 required for graduation.

Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.

Many General Studies requirements can overlap with major requirements, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.

Not all courses in the course lists are available every term. Students should consult the class schedule prior to each term to confirm course availability.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Justice Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAJUSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Major Core		
JUS 105 Introduction to Justice Studies (CIVI) OR **JUS 305 Principles of Justice Studies (HUAD)**	C	3
JUS 301 Research in Justice Studies (SOBE)	C	3
JUS 303 Justice Theory (CIVI)	C	3

Requirement	Minimum Grade	Credit Hours
Justice Studies 200-level (choose one)		
JUS 210 Introduction to Ethnic Studies in the U.S. (SOBE)	C	3
JUS 214 The Pursuit of Justice in the 21st Century (CIVI)		
JUS 235 Disability, Justice and Advocacy (CIVI)		

Major Electives

JUS Elective	C	3
Upper Division **JUS Elective** Justice Studies majors are highly encouraged to take JUS 484 Internship as an upper division elective. Visit https://sst.asu.edu/internships to get started.	C	18

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as its prerequisite.	C	16

Additional Requirements

Upper Division School of Social Transformation Related Area

Upper Division AFR Elective		
Upper Division APA Elective		
Upper Division AMS Elective	C	3
Upper Division SST Elective		
Upper Division WST Elective		

Upper Division Additional Related Area Courses

Upper Division AFR Elective	C	6
Upper Division AIS Elective		
Upper Division AMS Elective		
Upper Division APA Elective		
Upper Division ARS Elective		
Upper Division ASB Elective		
Upper Division ASM Elective		
Upper Division CDE Elective		
Upper Division COM Elective		
Upper Division CRJ Elective		
Upper Division ECN Elective		
Upper Division ENG Elective		

Upper Division	FAS Elective
Upper Division	FMS Elective
Upper Division	GCU Elective
Upper Division	GPH Elective
Upper Division	HST Elective
Upper Division	IED Elective
Upper Division	MHL Elective
Upper Division	PHI Elective
Upper Division	POS Elective
Upper Division	PSY Elective
Upper Division	REL Elective
Upper Division	SGS Elective
Upper Division	SOC Elective
Upper Division	SST Elective
Upper Division	TCL Elective
Upper Division	THE Elective
Upper Division	WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	C	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go

to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Justice Studies, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAJUSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Major Core		
JUS 105 Introduction to Justice Studies (CIVI) OR **JUS 305 Principles of Justice Studies (HUAD)**	C	3
JUS 301 Research in Justice Studies (SOBE)	C	3
JUS 302 Statistical Analysis for Justice Studies (QTRS)	C	3
JUS 303 Justice Theory (CIVI)	C	3
Justice Studies 200-level Core (choose one)	C	3
JUS 210 Introduction to Ethnic Studies in the U.S. (SOBE)		

Requirement	Minimum Grade	Credit Hours
JUS 214 The Pursuit of Justice in the 21st Century (CIVI)		
JUS 235 Disability, Justice and Advocacy (CIVI)		

Major Electives

JUS Elective	C	3
Upper Division **JUS Elective** Justice Studies majors are highly encouraged to take JUS 484 Internship as an upper division JUS elective. Visit https://sst.asu.edu/internships to get started.	C	15

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields and ASU General Studies requirements.		
Science and Society Elective	C	3

Upper Division Science and Society Elective	C	3

Additional Requirements

Upper Division School of Social Transformation Related Area	C	3
Upper Division AFR Elective		
Upper Division AMS Elective		
Upper Division APA Elective		
Upper Division SST Elective		
Upper Division WST Elective		
Upper Division Additional Related Area Courses	C	6
Upper Division AFR Elective		
Upper Division AIS Elective		
Upper Division AMS Elective		
Upper Division APA Elective		
Upper Division ARS Elective		
Upper Division ASB Elective		
Upper Division ASM Elective		
Upper Division CDE Elective		
Upper Division COM Elective		
Upper Division CRJ Elective		
Upper Division ECN Elective		

Upper Division	ENG Elective
Upper Division	FAS Elective
Upper Division	FMS Elective
Upper Division	GCU Elective
Upper Division	GPH Elective
Upper Division	HST Elective
Upper Division	IED Elective
Upper Division	MHL Elective
Upper Division	PHI Elective
Upper Division	POS Elective
Upper Division	PSY Elective
Upper Division	REL Elective
Upper Division	SOC Elective
Upper Division	SST Elective
Upper Division	TCL Elective
Upper Division	THE Elective
Upper Division	WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	C	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Mathematics, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAMATBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Major Core		
CSE 110 Principles of Programming (QTRS) **OR** **CSE 100 Principles of Programming with C++ (QTRS)**	C	3
MAT 270 Calculus with Analytic Geometry I (MATH) **OR** **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) **OR** **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) **OR** **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
MAT 300 Mathematical Structures	C	3

Requirement	Minimum Grade	Credit Hours
MAT 343 Applied Linear Algebra OR **MAT 342 Linear Algebra**	C	3
MAT 370 Intermediate Calculus OR **MAT 371 Advanced Calculus I**	C	3

Additional Courses

Upper Division Additional Courses

Upper Division	ACT Elective	C	15
Upper Division	DAT Elective		
Upper Division	MAT Elective		
400-Level	STP Elective		

Courses taken to fulfill the Upper Division Additional Course requirement serve as the capstone experience and must be taken from the School of Mathematical and Statistical Sciences.

Related Field

Upper Division Related Field

Upper Division	ACT Elective	C	6
Upper Division	AST Elective		
400-Level	BCH Elective		
Upper Division	BME Elective		
Upper Division	CEE Elective		

Requirement	Minimum Grade	Credit Hours
CHE Elective		
CHM 341 Elementary Physical Chemistry		
CHM 343 Elementary Physical Chemistry Laboratory		
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		
CHM 348 Physical Chemistry Laboratory I		
CHM 349 Physical Chemistry Laboratory II		
CHM 453 Inorganic Chemistry		
CHM 460 Biological Chemistry		
CHM 471 Solid-State Chemistry		
Upper Division CIS Elective		
CSE Elective		
Upper Division DAT Elective		
Upper Division ECN Elective		
EEE Elective		
Upper Division FIN Elective		
GLG 418 Geophysics		
GLG 419 Geodynamics		
GLG 470 Hydrogeology		
GLG 481 Geochemistry		

Requirement	Minimum Grade	Credit Hours
Upper Division IEE Elective		
MAE Elective		
Upper Division MAT Elective		
MSE Elective		
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		
Upper Division PHY Elective		
Upper Division STP Elective		
Related Field	C	6
Upper Division ACT Elective		
Upper Division AST Elective		
400-Level BCH Elective		
Upper Division BME Elective		
Upper Division CEE Elective		
CHE Elective		
CHM 341 Elementary Physical Chemistry		
CHM 343 Elementary Physical Chemistry Laboratory		
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		

Requirement	Minimum Grade	Credit Hours
CHM 348 Physical Chemistry Laboratory I		
CHM 349 Physical Chemistry Laboratory II		
CHM 453 Inorganic Chemistry		
CHM 460 Biological Chemistry		
CHM 471 Solid-State Chemistry		
200-Level CIS Elective		
Upper Division CIS Elective		
CSE Elective		
Upper Division DAT Elective		
Upper Division ECN Elective		
EEE Elective		
Upper Division FIN Elective		
GLG 418 Geophysics		
GLG 419 Geodynamics		
GLG 470 Hydrogeology		
GLG 481 Geochemistry		
Upper Division IEE Elective		
MAE Elective		
MAT 243 Discrete Mathematical Structures		

Requirement	Minimum Grade	Credit Hours
MAT 274 Elementary Differential Equations (MATH) **or** **MAT 275 Modern Differential Equations (MATH)**		
Upper Division MAT Elective		
MSE Elective		
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		
PHY 121 University Physics I: Mechanics (SCIT)		
PHY 122 University Physics Laboratory I (SCIT)		
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		
PHY 132 University Physics Laboratory II (SCIT)		
PHY 150 Physics I (SCIT)		
PHY 151 Physics II (SCIT)		
200-Level PHY Elective		
Upper Division PHY Elective		
Upper Division STP Elective		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Mathematics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAMATBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Core

MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
MAT 274 Elementary Differential Equations (MATH) OR **MAT 275 Modern Differential Equations (MATH)**	C	3
MAT 300 Mathematical Structures	C	3

Requirement	Minimum Grade	Credit Hours
MAT 343 Applied Linear Algebra OR MAT 342 Linear Algebra	C	3
MAT 371 Advanced Calculus I	C	3
CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3

Depth Courses

Upper Division Depth Courses	C	6

- ACT 440 Single Life Mortality
- ACT 441 Long-Term Actuarial Mathematics
- ACT 450 Actuarial Models
- ACT 451 Short-Term Actuarial Mathematics
- MAT 410 Introduction to General Topology
- MAT 412 Differential Geometry
- MAT 415 Introduction to Combinatorics
- MAT 416 Graph Theory
- MAT 423 Numerical Analysis I (MATH)
- MAT 425 Numerical Analysis II
- MAT 442 Advanced Linear Algebra
- MAT 444 Intermediate Abstract Algebra

Requirement	Minimum Grade	Credit Hours
MAT 447 Cryptography I		
MAT 448 Cryptography II		
MAT 472 Intermediate Real Analysis I		
MAT 473 Intermediate Real Analysis II		
MAT 475 Differential Equations		
MAT 476 Partial Differential Equations		
STP 425 Stochastic Processes		
STP 427 Mathematical Statistics		

Courses used to fulfill the Upper Division Depth requirement serve as the capstone experience and must be taken from the School of Mathematical and Statistical Sciences.

Advanced Courses

Upper Division Advanced Classes	C	6
400-Level ACT Elective		
DAT 401 Statistical Modeling and Inference for Data Science		
DAT 402 Machine Learning for Data Science		
MAT 372 Advanced Calculus II		
MAT 410 Introduction to General Topology		
MAT 412 Differential Geometry		
MAT 415 Introduction to Combinatorics		

Requirement	Minimum Grade	Credit Hours
MAT 416 Graph Theory		
MAT 419 Introduction to Linear Optimization		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 425 Numerical Analysis II		
MAT 440 Group Theory		
MAT 441 Ring Theory		
MAT 442 Advanced Linear Algebra		
MAT 443 Introduction to Abstract Algebra		
MAT 444 Intermediate Abstract Algebra		
MAT 445 Theory of Numbers		
MAT 447 Cryptography I		
MAT 448 Cryptography II		
MAT 451 Mathematical Modeling		
MAT 452 Introduction to Chaos and Nonlinear Dynamics		
MAT 460 Vector Calculus		
MAT 461 Applied Complex Analysis		
MAT 462 Applied Partial Differential Equations		

Requirement	Minimum Grade	Credit Hours
MAT 472 Intermediate Real Analysis I		
MAT 475 Differential Equations		
MAT 476 Partial Differential Equations		
STP 420 Introductory Applied Statistics (QTRS)		
STP 421 Probability		
STP 425 Stochastic Processes		
STP 427 Mathematical Statistics		
STP 429 Applied Regression (QTRS)		

Additional Courses

Upper Division Additional Courses		
Upper Division ACT Elective	C	6
Upper Division DAT Elective		
Upper Division MAT Elective		
Upper Division STP Elective		

Related Field

Related Field	C	7
ACT 410 Mathematics of Finance		
ACT 415 Probability for Risk Management		

Requirement	Minimum Grade	Credit Hours
ACT 430 Mathematics of Financial Derivatives		
ACT 450 Actuarial Models		
ACT 451 Short-Term Actuarial Mathematics		
400-Level BCH Elective		
Upper Division BME Elective		
Upper Division CEE Elective		
CHE Elective		
CHM 341 Elementary Physical Chemistry		
CHM 343 Elementary Physical Chemistry Laboratory		
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		
CHM 348 Physical Chemistry Laboratory I		
CHM 349 Physical Chemistry Laboratory II		
CHM 453 Inorganic Chemistry		
CHM 460 Biological Chemistry		
CHM 471 Solid-State Chemistry		
200-Level CIS Elective		
Upper Division CIS Elective		
CSE Elective		
Upper Division DAT Elective		

Requirement	Minimum Grade	Credit Hours
Upper Division ECN Elective		
EEE Elective		
Upper Division FIN Elective		
GLG 418 Geophysics		
GLG 419 Geodynamics		
GLG 470 Hydrogeology		
GLG 481 Geochemistry		
Upper Division IEE Elective		
MAE Elective		
Upper Division MAT Elective		
MSE Elective		
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		
PHY 121 University Physics I: Mechanics (SCIT)		
PHY 122 University Physics Laboratory I (SCIT)		
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		
PHY 132 University Physics Laboratory II (SCIT)		
PHY 150 Physics I (SCIT)		
PHY 151 Physics II (SCIT)		

Requirement	Minimum Grade	Credit Hours
200-Level PHY Elective		
Upper Division PHY Elective		
Upper Division STP Elective		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences		1
OR **ASU 101-LA The ASU Experience**		

Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Mathematics (Statistics), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAMATTBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Major Core

MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4
MAT 300 Mathematical Structures	C	3
MAT 343 Applied Linear Algebra OR **MAT 342 Linear Algebra**	C	3

Requirement	Minimum Grade	Credit Hours
MAT 371 Advanced Calculus I	C	3
CSE 110 Principles of Programming (QTRS)	C	3
CSE 205 Object-Oriented Programming and Data Structures (QTRS)	C	3
Statistics Core		
STP 420 Introductory Applied Statistics (QTRS)	C	3
STP 421 Probability The STP 421 requirement serves as a capstone experience and must be taken from the School of Mathematical and Statistical Sciences.	C	3
STP 427 Mathematical Statistics The STP 427 requirement serves as a capstone experience and must be taken from the School of Mathematical and Statistical Sciences.	C	3
STP 429 Applied Regression (QTRS)	C	3
MAT or STP Advanced Course		
Upper Division MAT and STP Advanced Courses **ACT 430 Mathematics of Financial Derivatives** **ACT 435 Statistics for Risk Modeling** **ACT 450 Actuarial Models** **ACT 451 Short-Term Actuarial Mathematics**	C	6

Requirement	Minimum Grade	Credit Hours
MAT 372 Advanced Calculus II		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 442 Advanced Linear Algebra		
MAT 472 Intermediate Real Analysis I		
400-Level STP Elective		
MAT and STP Advanced Courses	C	3
ACT 430 Mathematics of Financial Derivatives		
ACT 435 Statistics for Risk Modeling		
ACT 450 Actuarial Models		
ACT 451 Short-Term Actuarial Mathematics		
MAT 275 Modern Differential Equations (MATH)		
MAT 372 Advanced Calculus II		
MAT 420 Scientific Computing		
MAT 421 Applied Computational Methods (MATH)		
MAT 423 Numerical Analysis I (MATH)		
MAT 442 Advanced Linear Algebra		
MAT 472 Intermediate Real Analysis I		

Requirement	Minimum Grade	Credit Hours
400-Level STP Elective		

Related Field

Related Field Course	C	10
Upper Division ACT Elective		
Upper Division AST Elective		
400-Level BCH Elective		
Upper Division BME Elective		
Upper Division CEE Elective		
CHE Elective		
CHM 341 Elementary Physical Chemistry		
CHM 343 Elementary Physical Chemistry Laboratory		
CHM 345 Physical Chemistry I		
CHM 346 Physical Chemistry II		
CHM 348 Physical Chemistry Laboratory I		
CHM 349 Physical Chemistry Laboratory II		
CHM 453 Inorganic Chemistry		
CHM 460 Biological Chemistry		
CHM 471 Solid-State Chemistry		
200-Level CIS Elective		

Requirement	Minimum Grade	Credit Hours
Upper Division CIS Elective		
CSE Elective		
DAT 301 Exploring Data in R and Python		
DAT 402 Machine Learning for Data Science		
Upper Division ECN Elective		
EEE Elective		
Upper Division FIN Elective		
GLG 418 Geophysics		
GLG 419 Geodynamics		
GLG 470 Hydrogeology		
GLG 481 Geochemistry		
Upper Division IEE Elective		
MAE Elective		
Upper Division MAT Elective		
MSE Elective		
PHI 333 Symbolic Logic		
PHI 413 Advanced Symbolic Logic		
PHY 121 University Physics I: Mechanics (SCIT)		
PHY 122 University Physics Laboratory I (SCIT)		

Requirement	Minimum Grade	Credit Hours
PHY 131 University Physics II: Electricity and Magnetism (SCIT)		
PHY 132 University Physics Laboratory II (SCIT)		
PHY 150 Physics I (SCIT)		
PHY 151 Physics II (SCIT)		
200-Level PHY Elective		
Upper Division PHY Elective		
Upper Division STP Elective		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Microbiology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAMICBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Core Requirements		
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
MBB 347 Molecular Genetics: From Genes to Proteins OR **BIO 340 General Genetics** MBB 347 Molecular Genetics provides MIC and MIC (Medical Microbiology) majors with a deeper understanding of the specific genetic mechanisms and molecular processes that are directly relevant to microbiology. Students gain experience using molecular genetics tools and techniques, which are essential skills for careers in medical microbiology, biotechnology, environmental microbiology.	C	4

Requirement	Minimum Grade	Credit Hours
MIC 220 Biology of Microorganisms AND MIC 206 Microbiology Laboratory (SCIT)	C	4
MIC 302 Advanced Bacteriology Laboratory	C	2
MIC 360 Bacterial Physiology	C	3
MIC 401 Research Paper MIC 401 is the Microbiology Research Paper course that requires permission before enrolling. Please consult with an advisor at least a semester prior to enrolling to verify course requirements.	C	1

Major Electives

Upper Division General Biology Electives

BIO 302 Cancer--Mother of All Diseases BIO 312 / PHI 320 Bioethics (HUAD) BIO 320 Fundamentals of Ecology BIO 343 / MBB 343 Genetic Engineering and Society BIO 345 Evolution BIO 351 Developmental Biology BIO 353 Cell Biology BIO 360 Animal Physiology BIO 416 / HPS 410 Biomedical Research Ethics (CIVI) BMI 465 Comparative Genomics	C	3 - 4

Requirement	Minimum Grade	Credit Hours
Upper Division Microbiology/Immunology Major Electives		
BIO 343 / MBB 343 Genetic Engineering and Society		
MBB 445 / MIC 445 Techniques in Molecular Biology/Genetics		
MBB 446 / MIC 446 Techniques in Molecular Biology/Genetics Lab		
MIC 314 HIV/AIDS: Science, Behavior, and Society		
MIC 379 Medical Bacteriology		
MIC 420 / BIO 420 Immunology: Molecular and Cellular Foundations	C	3 - 4
MIC 421 Experimental Immunology		
MIC 441 Bacterial Genetics		
MIC 442 Bacterial Genetics Laboratory		
MIC 470 Microbial Diversity and Environmental Processes		
MIC 484 Internship		
MIC 485 General Virology		
Upper Division Additional Major Requirements	C	9
BIO 343 / MBB 343 Genetic Engineering and Society		
BIO 390 Medical/Dental Field Placement **or** BIO 484 / MIC 484 Internship		

Requirement	Minimum Grade	Credit Hours
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
BIO 492 / **MBB 492** / **MIC 492 Honors Directed Study**		
BIO 495 / **MBB 495** / **MIC 495 Undergraduate Research**		
MBB 445 / **MIC 445 Techniques in Molecular Biology/Genetics**		
MBB 446 / **MIC 446 Techniques in Molecular Biology/Genetics Lab**		
MIC 379 Medical Bacteriology		
MIC 421 Experimental Immunology		
MIC 425 Advanced Immunology		
MIC 441 Bacterial Genetics		
MIC 442 Bacterial Genetics Laboratory		
MIC 470 Microbial Diversity and Environmental Processes		
MIC 485 General Virology		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must

complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** OR **CHM 233 General Organic Chemistry I** **AND** **CHM 237 General Organic Chemistry Laboratory I** Pre-health students may need CHM 233 & 237 and CHM 234 & 238, not CHM 231 & 235. Please see advisor for more details.	C	4
BCH 361 Advanced Principles of Biochemistry **AND** **BCH 367 Elementary Biochemistry Laboratory** OR **CHM 234 General Organic Chemistry II** **AND** **CHM 238 General Organic Chemistry Laboratory II**	C	4
PHY 101 Introduction to Physics (SCIT) Pre-health students may need PHY 111 & 113, not PHY 101. See advisor for more details.	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3
STP 231 Statistics for Life Science (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree		

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Microbiology (Medical Microbiology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAMICMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Core Requirements		
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
MBB 347 Molecular Genetics: From Genes to Proteins OR **BIO 340 General Genetics** MBB 347 Molecular Genetics provide MIC and MIC (Medical Microbiology) majors with a deeper understanding of the specific genetic mechanisms and molecular processes that are directly relevant to microbiology. Students gain experience using molecular genetics tools and techniques, which are essential skills for careers in medical microbiology, biotechnology, environmental microbiology.	C	4

Requirement	Minimum Grade	Credit Hours
MIC 220 Biology of Microorganisms AND MIC 206 Microbiology Laboratory (SCIT)	C	4
MIC 401 Research Paper MIC 401 is the Microbiology Research Paper course that requires permission before enrolling. Please consult with an advisor at least a semester prior to enrolling to verify course requirements.	C	1

Concentration Requirements

BIO 312 Bioethics (HUAD) OR **BIO 416 Biomedical Research Ethics (CIVI)** BIO 312 or BIO 416 will fulfill the upper division Science and Society Elective.	C	3
BIO 353 Cell Biology	C	3
MIC 420 Immunology: Molecular and Cellular Foundations OR **BIO 420 Immunology: Molecular and Cellular Foundations**	C	3
Take one course from the Biomedicine list and one course from Microbes list.		
Upper Division Biomedicine Course **ASB 462 Medical Anthropology: Culture and Health (SOBE)** **BIO 302 Cancer--Mother of All Diseases** **BIO 343 / MBB 343 Genetic Engineering and Society** **BIO 345 Evolution**	C	3

Requirement	Minimum Grade	Credit Hours
BIO 351 Developmental Biology		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
MIC 445 / MBB 445 Techniques in Molecular Biology/Genetics		
MIC 446 / MBB 446 Techniques in Molecular Biology/Genetics Lab		
MIC 494 / BIO 494 Topic: Biotechnology Viruses as Tools		
MIC 494 Topic: Novel Biomedical Models of Infectious Disease		
Upper Division Microbes Course	C	3
BIO 390 Medical/Dental Field Placement **or** BIO 484 / MIC 484 Internship		
BIO 492 / MBB 492 / MIC 492 Honors Directed Study		
BIO 495 / MBB 495 / MIC 495 Undergraduate Research		
MIC 302 Advanced Bacteriology Laboratory		
MIC 314 HIV/AIDS: Science, Behavior, and Society		
MIC 360 Bacterial Physiology		
MIC 379 Medical Bacteriology		
MIC 425 Advanced Immunology		
MIC 441 Bacterial Genetics		

Requirement	Minimum Grade	Credit Hours
MIC 442 Bacterial Genetics Laboratory		
MIC 485 General Virology		
MIC 494 Topic: Human Pathogenic Viruses		
Take two courses from the Concentration Elective Course list.		
Upper Division Concentration Elective Courses		
BIO 360 Animal Physiology		
BIO 318 / **HPS 331 History of Medicine (HUAD)**		
MIC 314 / **SSH 314 HIV/AIDS: Science, Behavior, and Society**	C	5 - 6
MIC 379 Medical Bacteriology		
MIC 421 Experimental Immunology		
MIC 485 General Virology		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both

Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** Pre-health students may need CHM 233 & 237 and CHM 234 & 238, not CHM 231 & 235. Please see advisor for more details.	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3
PHY 101 Introduction to Physics (SCIT) Pre-health students may need PHY 111 & 113 and PHY 112 & 114, not PHY 101. Please see advisor for more details.	C	4
STP 231 Statistics for Life Science (QTRS)	C	3
BCH 361 Advanced Principles of Biochemistry **AND** **BCH 367 Elementary Biochemistry Laboratory**	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience**	1

Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Molecular Biosciences and Biotechnology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAMBBBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Core Requirements

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
MIC 220 Biology of Microorganisms **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
MBB 343 Genetic Engineering and Society MBB 343 will fulfill the upper division Science and Society Elective.	C	4
MBB 347 Molecular Genetics: From Genes to Proteins	C	4

Requirement	Minimum Grade	Credit Hours
MBB 484 Internship OR **MBB 492 Honors Directed Study** OR **MBB 495 Undergraduate Research**	C	6
Capstone		
MBB 490 Capstone: Issues in Biotechnology	C	2
MBB 491 Capstone: Issues in Molecular Biosciences	C	2
Major Electives		
Upper Division Major Electives	C	7
BIO 308 Plant Physiology		
BIO 355 / **MAT 355** / **MBB 355 Introduction to Computational Molecular Biology**		
BIO 357 Cell and Molecular Biology Laboratory		
BIO 439 Computing for Research		
BIO 451 Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging		
MBB 350 Applied Genetics		
MBB 440 / **BIO 440 Functional Genomics**		
MBB 445 / **MIC 445 Techniques in Molecular Biology/Genetics** **AND** **MBB 446** / **MIC 446 Techniques in Molecular Biology/Genetics Lab**		
MIC 302 Advanced Bacteriology Laboratory		

Requirement	Minimum Grade	Credit Hours
MIC 420 / BIO 420 Immunology: Molecular and Cellular Foundations AND MIC 421 Experimental Immunology		
MIC 441 Bacterial Genetics AND MIC 442 Bacterial Genetics Laboratory		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3

Additional Requirements

BCH 361 Advanced Principles of Biochemistry AND BCH 367 Elementary Biochemistry Laboratory	C	4
CHM 113 General Chemistry I (SCIT)	C	4

CHM 116 General Chemistry II (SCIT)	C	4
CHM 231 Elementary Organic Chemistry (SCIT) **AND** **CHM 235 Elementary Organic Chemistry Laboratory (SCIT)** Pre-health students may need CHM 233 & 237 and CHM 234 & 238, not CHM 231 & 235. Please see advisor for more details.	C	4
MAT 251 Calculus for Life Sciences (MATH)	C	3
PHY 101 Introduction to Physics (SCIT) Pre-health students may need PHY 111 & 113, not PHY 101. Please see advisor for more details.	C	4
STP 231 Statistics for Life Science (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Neuroscience, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LABMENBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Lower Division Major Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
MAT 251 Calculus for Life Sciences (MATH) OR **MAT 265 Calculus for Engineers I (MATH)** OR **MAT 270 Calculus with Analytic Geometry I (MATH)**	C	3
NEU 101 Introduction to Neuroscience	C	3

Requirement	Minimum Grade	Credit Hours
NEU 290 Data Science for Neuroscience Majors (QTRS) OR **STP 231 Statistics for Life Science (QTRS)**	C	3
Upper Division Major Core		
BIO 360 Animal Physiology	C	3
BIO 476 Cellular and Molecular Neuroscience	C	3
BIO 477 Systems and Behavioral Neuroscience OR **NEU 477 Systems and Behavioral Neuroscience**	C	3
Note: Students should not enroll in BIO 467: Neurobiology since it does not apply to the neuroscience degree program. Completion of this course will prevent enrollment in the required BIO 476 and BIO/NEU 477.		
NEU 310 Fundamentals of Cognitive Neuroscience	C	3
Upper Division Major Electives		
Upper Division Major Electives	C	18
Behavioral Neuroscience		
NEU 307 Your Brain on Drugs		
NEU 327 Neuroscience of Learning		
NEU 433 Behavioral Neuroendocrinology		
NEU 460 Brain and Emotion		
NEU 494 Topic: Neural Basis of Learning and Memory		

Requirement	Minimum Grade	Credit Hours
NEU 494 Topic: Neuroeconomics		
NEU 494 Topic: Psychiatric Medications		
NEU 494 Topic: The Social Brain		
Cellular and Molecular Neuroscience		
BIO 327 Evolution of Human Behavior		
BIO 331 Animal Behavior		
BIO 435 Research Techniques in Animal Behavior		
BIO 436 Sociobiology and Behavioral Ecology		
BIO 465 Neurophysiology		
BIO 494 / **NEU 494 Topic: Biotechnology Viruses as Tools**		
BIO 494 Topic: Genetics and Genomics of Behavior		
BIO 494 Topic: Neurobiology of Attachment		
BIO 498 Topic: Neural Development		
BIO 498 Topic: Neurodegenerative Disorders of the Aging Brain		
Cognitive Neuroscience		
NEU 323 Neuroscience of Perception		
NEU 394 Topic: Language and the Brain		
NEU 394 Topic: Neuroimaging Methods		
NEU 456 Visual Cognitive Neuroscience		

Requirement	Minimum Grade	Credit Hours
NEU 494 Topic: Cognitive Neuroscience of Memory		
NEU 494 Topic: Neuroscience of Social Cognition		
NEU 494 Topic: Themes in Cognitive Neuroscience		
SHS 367 Language Science (SOBE)		
SHS 485 Acquired Speech and Language Disorders		
SHS 494 Topic: Health Neuroscience		
Experiential Coursework		
NEU 394 Topic: Neuroscience Undergraduate Teaching Assistant		
NEU 484 Internship		
NEU 492 Honors Directed Study		
NEU 493 Honors Thesis		
NEU 499 Individualized Instruction		
Systems and Computational Neuroscience		
BIO 355 Introduction to Computational Molecular Biology		
BIO 439 Computing for Research		
BIO 494 / **MAT 494 Topic: Data Analysis in Neuroscience**		
BME 316 Biomechanics for Biomedical Engineers		
BME 350 Signals and Systems for Bioengineers		

Requirement	Minimum Grade	Credit Hours
BME 360 Control in Biological Systems		
BME 416 Advanced Biomechanics		
BME 465 Magnetic Resonance Imaging		
KIN 424 Neural Aspects of Movement and Rehabilitation		
MAT 451 Mathematical Modeling		
MAT 494 Topic: Mathematical Neuroscience		
NEU 426 Neuroanatomy		
SHS 310 Anatomical and Physiological Bases of Speech		
SHS 311 Hearing Science		

A maximum of six hours from NEU 484, NEU 492, NEU 493, and NEU 499 can be used to satisfy major requirements.

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count

towards any major, minor, related fields, and ASU General Studies requirements.		
Upper Division Science and Society Elective	C	3
Science and Society Elective	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies		

requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Philosophy, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPHIBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
PHI 103 Principles of Sound Reasoning (QTRS)	C	3
PHI 300 Philosophical Argument and Exposition	C	3
PHI 420 Topics in Philosophy PHI 420 is a topical course that may be taken for credit more than once, so long as the topics are different.	C	3
Upper Division Advanced Philosophy Course (choose one)	C	3
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 403 Contemporary Analytic Philosophy		
PHI 405 Moral Psychology		

Requirement	Minimum Grade	Credit Hours
PHI 408 Feminist Ethics (HUAD)		
PHI 413 Advanced Symbolic Logic		
PHI 420 Topics in Philosophy		
PHI 452 Philosophy of Biology and Medicine		
Students may complete one topic of PHI 420 to satisfy the PHI 420 requirement above and a different topic of PHI 420 to satisfy the Advanced Philosophy Course requirement. A single PHI 420 course will not satisfy both requirements at once. PHI 401, 402, and 403 may satisfy either a History of Philosophy requirement or the Advanced Philosophy Course requirement, but not both.		
Upper Division Epistemology (complete one course)		
PHI 313 Probability, Evidence, and Decision	C	3
PHI 314 Philosophy of Science (HUAD)		
PHI 330 Theory of Knowledge (HUAD)		
Upper Division History of Philosophy (complete two courses)	C	6
PHI 304 Existentialism (HUAD)		
PHI 328 History of Ancient Philosophy (GCSI)		
PHI 329 History of Modern Philosophy (GCSI)		
PHI 401 Rationalism		
PHI 402 Empiricism		

Requirement	Minimum Grade	Credit Hours
PHI 403 Contemporary Analytic Philosophy		
Upper Division Logic (complete one course)		
PHI 333 Symbolic Logic	C	3
PHI 413 Advanced Symbolic Logic		
Upper Division Metaphysics (complete one course)		
PHI 331 Philosophy of Language	C	3
PHI 332 Metaphysics (HUAD)		
PHI 334 Philosophy of Mind (HUAD)		
Upper Division Values (complete one course)		
PHI 335 History of Ethics (GCSI)	C	3
PHI 336 Social and Political Philosophy		
PHI 337 Ethical Theory		
PHI 338 Metaethics		
PHI Elective	C	3

Check: Minimum 2.0 Major GPA

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that

satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

If planning on law school, prepare to take the LSAT in your junior year.

Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.

Many General Studies requirements can overlap with major requirements, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.

Not all courses in the course lists are available every term or available in both on-campus and online formats. Students

should consult the class schedule prior to each term to confirm course availability.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Philosophy (Morality, Politics and Law), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPHIMPBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Check: Minimum 2.00 Major GPA		
Core Courses		
PHI 101 Introduction to Philosophy (HUAD) OR **PHI 103 Principles of Sound Reasoning (QTRS)** OR **PHI 105 Intro to Ethics (HUAD)** If planning to take PHI 333: Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333.	C	3
PHI 300 Philosophical Argument and Exposition	C	3
PHI 335 History of Ethics (GCSI) OR **PHI 337 Ethical Theory**	C	3

Requirement	Minimum Grade	Credit Hours
PHI 307 Philosophy of Law (AMIT) OR PHI 347 Philosophical Theories of Constitutional Law	C	3
Upper Division History of Philosophy Course (choose one) PHI 304 Existentialism (HUAD) PHI 328 History of Ancient Philosophy (GCSI) PHI 329 History of Modern Philosophy (GCSI) PHI 401 Rationalism PHI 402 Empiricism PHI 403 Contemporary Analytic Philosophy	C	3
Upper Division Epistemology, Metaphysics or Logic Course PHI 330 Theory of Knowledge (HUAD) PHI 331 Philosophy of Language PHI 332 Metaphysics (HUAD) PHI 333 Symbolic Logic PHI 334 Philosophy of Mind (HUAD)	C	3

Concentration Electives

Politics Elective (choose one) HST 315 Political History of the U. S.	C	3

Requirement	Minimum Grade	Credit Hours
HST 317 / POS 317 History of Postwar U.S. Conservatism		
HST 414 / POS 414 Political History and Leadership		
PHI 336 Social and Political Philosophy		
PHI 350 Philosophy, Politics and Economics (SOBE)		
PHI 394 Topic: Game Thry Market & Just: Intro Phil Politics, Econ		
POS 210 Political Ideologies (CIVI)		
POS 340 History of Political Philosophy I		
POS 341 History of Political Philosophy II		
POS 346 Problems of Democracy (HUAD)		
POS 368 Ethics and Human Rights (GCSI)		
POS 442 American Political Thought (HUAD)		
REL 319 Religion, Violence and America		
REL 378 Religion, War and Peace (CIVI)		
REL 388 / POS 388 Religion, Ethics, and International Politics (CIVI)		
Upper Division Ethics Elective (choose one)	C	3
PHI 335 or PHI 337 may be used as an Ethics Elective if not used as the required ethics core course.		
PHI 306 Applied Ethics (CIVI)		

Requirement	Minimum Grade	Credit Hours
PHI 310 Environmental Ethics (SUST)		
PHI 320 Bioethics (HUAD)		
PHI 335 History of Ethics (GCSI)		
PHI 337 Ethical Theory		
PHI 338 Metaethics		
PHI 370 Sports Ethics (HUAD)		
PHI 405 Moral Psychology		
PHI 408 Feminist Ethics (HUAD)		
REL 381 Religion and Moral Issues (HUAD)		
Upper Division Law Elective (choose one)	C	3
PHI 307 or PHI 347 may be used as a Law Elective if not used as the required law core course.		
HST 321 Constitutional History/US to 1865		
HST 322 Constitutional History of the United States Since 1865		
HST 323 Historical Studies in Race, Crime, and the Law		
HST 415 Debating the Constitution		
JUS 303 Justice Theory (CIVI)		
JUS 308 Courts and Society (SOBE)		
JUS 360 Law and Social Control (SOBE)		

Requirement	Minimum Grade	Credit Hours
JUS 410 Punishment: Logic and Approach		
JUS 463 Discretionary Justice		
JUS 465 Death Penalty in the United States		
PHI 307 Philosophy of Law (AMIT)		
PHI 347 Philosophical Theories of Constitutional Law		
POS 370 Law and Society (CIVI)		
POS 465 International Organization and Law (GCSI)		
POS 470 Law and the Political Order		
POS 471 Constitutional Law I (AMIT)		
POS 472 Constitutional Law II		

Philosophy Seminar and Advanced Course

PHI 420 Topics in Philosophy PHI 420 is a topical course that may be taken for credit more than once, so long as the topics are different.	C	3
Upper Division Advanced Philosophy Course (choose one)	C	3
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 403 Contemporary Analytic Philosophy		
PHI 405 Moral Psychology		
PHI 408 Feminist Ethics (HUAD)		

Requirement	Minimum Grade	Credit Hours
PHI 413 Advanced Symbolic Logic		
PHI 420 Topics in Philosophy		
PHI 452 Philosophy of Biology and Medicine		
Students may complete one topic of PHI 420 to satisfy the PHI 420 requirement above and a different topic of PHI 420 to satisfy the Advanced Philosophy Course requirement. A single PHI 420 course will not satisfy both requirements at once. PHI 401, 402, or 403 may satisfy either a History of Philosophy requirement or the Advanced Philosophy Course requirement, but not both.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar		

required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go

to: https://silc.asu.edu/student-life/academic-advising/language-testing
If planning on law school, prepare to take the LSAT in your junior year.
Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Many General Studies requirements can overlap with major requirements, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
Not all courses in the course lists are available every term or available in both on-campus and online formats. Students should consult the class schedule prior to each term to confirm course availability.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Philosophy (Science, Nature and Mind), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPHISNMBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
PHI 103 Principles of Sound Reasoning (QTRS)	C	3
PHI 300 Philosophical Argument and Exposition	C	3
PHI 314 Philosophy of Science (HUAD)	C	3
PHI 333 Symbolic Logic OR **PHI 413 Advanced Symbolic Logic**	C	3
PHI 334 Philosophy of Mind (HUAD)	C	3
Upper Division History of Philosophy (complete one course)	C	3
PHI 304 Existentialism (HUAD)		
PHI 328 History of Ancient Philosophy (GCSI)		
PHI 329 History of Modern Philosophy (GCSI)		

Requirement	Minimum Grade	Credit Hours
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 403 Contemporary Analytic Philosophy		
Upper Division Mind Course (complete one course)		
IAS 410 Evolution of Ideas		
PHI 313 / HPS 313 Probability, Evidence, and Decision		
PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)		
PHI 330 Theory of Knowledge (HUAD)		
PHI 331 Philosophy of Language	C	3
PHI 405 Moral Psychology		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 341 Developmental Psychology (SOBE)		
PSY 434 Cognitive Psychology		
Upper Division Science and Nature Course (complete one course)	C	3
FIS 331 Technology and the Modern World		
HPS 322 / BIO 328 History of Science I		
HPS 323 / BIO 317 History of Science II (HUAD)		
HPS 331 / BIO 318 History of Medicine (HUAD)		

Requirement	Minimum Grade	Credit Hours
HPS 349 / JST 349 / REL 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
HST 345 Environmental History (SUST)		
MAT 411 History and Philosophy of Mathematics		
PHI 310 / BIO 324 Environmental Ethics (SUST)		
PHI 320 / BIO 312 / IAS 340 Bioethics (HUAD)		
PHI 322 / HST 308 / SOS 309 History and Philosophy of Sustainability		
PHI 325 Philosophy of Social Science		
PHI 332 Metaphysics (HUAD)		
PHI 409 / IAS 409 Eco-Community Ethics		
SOC 334 / ASB 344 Technology and Society (SOBE)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
STS 302 Philosophy of Science and Technology		
STS 303 History of Modern Science and Technology (HUAD)		
STS 306 Social Effects of Science and Technology		
STS 331 Ethical Issues in Science and Technology		
WST 340 Gender, Science, and Technology		
Mind Course (complete one course)	C	3

Requirement	Minimum Grade	Credit Hours
IAS 410 Evolution of Ideas		
PHI 313 / HPS 313 Probability, Evidence, and Decision		
PHI 319 Philosophy, Computing and Artificial Intelligence (QTRS)		
PHI 330 Theory of Knowledge (HUAD)		
PHI 331 Philosophy of Language		
PHI 405 Moral Psychology		
PSY 224 Introduction to Cognitive Neuroscience		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
PSY 341 Developmental Psychology (SOBE)		
PSY 434 Cognitive Psychology		
OR		
Science and Nature Course (complete one course)		
FIS 331 Technology and the Modern World		
HPS 322 / BIO 328 History of Science I		
HPS 323 / BIO 317 History of Science II (HUAD)		
HPS 331 / BIO 318 History of Medicine (HUAD)		
HPS 349 / JST 349 / REL 349 / SOS 349 Nature, Sustainability and Religion (SUST)		
HST 345 Environmental History (SUST)		

Requirement	Minimum Grade	Credit Hours
MAT 411 History and Philosophy of Mathematics		
PHI 310 / BIO 324 Environmental Ethics (SUST)		
PHI 320 / BIO 312 / IAS 340 Bioethics (HUAD)		
PHI 322 / HST 308 / SOS 309 History and Philosophy of Sustainability		
PHI 325 Philosophy of Social Science		
PHI 332 Metaphysics (HUAD)		
PHI 409 / IAS 409 Eco-Community Ethics		
SOC 334 / ASB 344 Technology and Society (SOBE)		
SOS 310 Equity, Justice and Sustainability (HUAD)		
STS 302 Philosophy of Science and Technology		
STS 303 History of Modern Science and Technology (HUAD)		
STS 306 Social Effects of Science and Technology		
STS 331 Ethical Issues in Science and Technology		
WST 340 Gender, Science, and Technology		
For the above requirement, students choose one additional course from either the Mind list or the Science and Nature list.		
PHI 420 Topics in Philosophy PHI 420 is a topical course that may be taken for credit more than once, so long as the topics are different.	C	3
Upper Division Advanced Philosophy Course (choose one)	C	3

Requirement	Minimum Grade	Credit Hours
PHI 401 Rationalism		
PHI 402 Empiricism		
PHI 403 Contemporary Analytic Philosophy		
PHI 405 Moral Psychology		
PHI 408 Feminist Ethics (HUAD)		
PHI 413 Advanced Symbolic Logic		
PHI 420 Topics in Philosophy		
PHI 452 Philosophy of Biology and Medicine		

Students may complete one topic of PHI 420 to satisfy the PHI 420 requirement above and a different topic of PHI 420 to satisfy the Advanced Philosophy Course requirement. A single PHI 420 course will not satisfy both requirements at once. PHI 401, 402 or 403 may satisfy either a History of Philosophy requirement or the Advanced Philosophy Course requirement, but not both.

Check: Minimum 2.0 Major GPA

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3

Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing
If planning on law school, prepare to take the LSAT in your junior year.
If planning on a health career, prepare to take entrance exams for professional school in your junior year.
If planning on a health career, choose electives that satisfy medical or dental school requirements for admission.
Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Many General Studies requirements can overlap with major requirements, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.

Not all courses in the course lists are available every term. Students should consult the class schedule prior to each term to confirm course availability.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Physics, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPHYBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.		
Major Core		
PHY 150 Physics I (SCIT) OR **PHY 121 University Physics I: Mechanics (SCIT)** AND **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 151 Physics II (SCIT) OR **PHY 131 University Physics II: Electricity and Magnetism (SCIT)** AND **PHY 132 University Physics Laboratory II (SCIT)**	C	4
PHY 201 Mathematical Methods in Physics I (MATH)	C	3
PHY 252 Physics III (SCIT) OR **PHY 241 University Physics III** AND **PHY 202**	C	4

Requirement	Minimum Grade	Credit Hours
Programming for Physicists		
PHY 302 Mathematical Methods in Physics II	C	3
PHY 310 Classical Particles, Fields, and Matter I	C	3
PHY 311 Classical Particles, Fields, and Matter II	C	3
PHY 314 Quantum Physics I	C	3

Major Electives

Upper Division Physics Electives	C	6
PHY 315 Quantum Physics II		
PHY 333 Electronic Circuits and Measurements		
PHY 334 Advanced Laboratory I		
PHY 361 Introductory Modern Physics		
PHY 432 Computational Methods in Physics		
PHY 452 Physical Optics		
PHY 462 Particle and Nuclear Physics		
PHY 480 Methods of Teaching Physics		
PHY 481 Materials Physics I		
PHY 494 Special Topics		
PHY 495 Project Research		
PHY 498 Pro-Seminar		

Requirement	Minimum Grade	Credit Hours
Courses other than those in the course list must be approved by the Department of Physics academic advisor.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

CHM 113 General Chemistry I (SCIT)	C	4
MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar

required of all first-year students.		
ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
PHY 191 will count as a lower-division elective credit and is recommended for students enrolled in a campus immersion degree. Students should speak with an academic advisor about

how the credits will fit into their total credit hours before enrollment.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. More information is available at: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Physics, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPHYBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in Class Search.		
Major Core		
PHY 150 Physics I (SCIT) OR **PHY 121 University Physics I: Mechanics (SCIT)** AND **PHY 122 University Physics Laboratory I (SCIT)**	C	4
PHY 151 Physics II (SCIT) OR **PHY 131 University Physics II: Electricity and Magnetism (SCIT)** AND **PHY 132 University Physics Laboratory II (SCIT)**	C	4
PHY 201 Mathematical Methods in Physics I (MATH)	C	3
PHY 252 Physics III (SCIT) OR **PHY 241 University Physics III** AND **PHY 202**	C	4

Requirement	Minimum Grade	Credit Hours
Programming for Physicists		
PHY 150, PHY 151 and PHY 252 are the recommended courses for students enrolled in a campus immersion degree		
PHY 302 Mathematical Methods in Physics II	C	3
PHY 310 Classical Particles, Fields, and Matter I	C	3
PHY 311 Classical Particles, Fields, and Matter II	C	3
PHY 314 Quantum Physics I	C	3
PHY 315 Quantum Physics II	C	3
PHY 412 Classical Particles, Fields, and Matter III OR **PHY 416 Quantum Physics III**	C	3
PHY 441 Statistical and Thermal Physics	C	3

Major Lab Core

PHY 333 Electronic Circuits and Measurements OR **PHY 465 Advanced Laboratory II** OR **PHY 432 Computational Methods in Physics**	C	3
PHY 334 Advanced Laboratory I	C	3

Major Electives

Upper Division **PHY Elective**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a "C" or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

MAT 270 Calculus with Analytic Geometry I (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3 - 4
MAT 271 Calculus with Analytic Geometry II (MATH) OR **MAT 266 Calculus for Engineers II (MATH)**	C	3 - 4
MAT 272 Calculus with Analytic Geometry III (MATH) OR **MAT 267 Calculus for Engineers III (MATH)**	C	3 - 4

MAT 270, MAT 271 and MAT 272 are the recommended calculus classes for the campus immersion degree

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree will enroll in LIA 101. Students enrolled in an online degree will enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition **OR ENG 105 Advanced First-Year Composition** **OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

PHY 191 is recommended for students enrolled in a campus immersion degree
Students enrolled in a campus immersion degree can investigate research opportunities at https://physics.asu.edu/undergradresearch.
Students enrolled in an online degree can explore the Online Undergraduate Research Scholars program at https://ours.thecollege.asu.edu.
Students can review internships at https://physics.asu.edu/careerexploration.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Political Science, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPOSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
POS 110 American Government and Politics (AMIT) OR **POS 150 Comparative Government (GCSI)** **or** **POS 160 Global Politics (GCSI)** POS 310, POS 350, and POS 360 can substitute for POS 110, POS 150 AND POS 160 and are recommended for transfer students.	C	6
POS 210 Political Ideologies (CIVI)	C	3
POS 301 Empirical Political Inquiry (SOBE)	C	3
Upper Division Political Science Career Requirement	C	3
POS 304 Professional Career Development		
POS 484 Topic: Arizona State Legislative Internship		
POS 484 Topic: ASU World Innovators		

Requirement	Minimum Grade	Credit Hours
POS 484 Topic: Capital Scholars Undergrad		
POS 484 Internship		
POS 484 Topic: Washington DC Apprenticeship		
POS 495 Jr. Fellows		
Upper Division **POS Elective**	C	9
POS Elective	C	6
Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

Students must complete 12 credit hours in courses drawn from related areas. Courses from the subjects listed below may be used.

Upper Division Related Area	C	6
AES Elective		
AFR Elective		
AIS Elective		
APA Elective		
ASB Elective		
ASM Elective		
COM Elective		
ECN Elective		
FAS Elective		
GCU Elective		
GPH Elective		
HST Elective		
JUS Elective		
MIS Elective		
PHI Elective		
PSY Elective		
REL Elective		
SGS Elective		

SOC Elective		
TCL Elective		
WST Elective		
Related Area	C	6
AES Elective		
AFR Elective		
AIS Elective		
APA Elective		
ASB Elective		
ASM Elective		
COM Elective		
ECN Elective		
FAS Elective		
GCU Elective		
GPH Elective		
HST Elective		
JUS Elective		
MIS Elective		
PHI Elective		
PSY Elective		
REL Elective		

SGS Elective

SOC Elective

TCL Elective

WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Political Science, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPOSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
POS 110 American Government and Politics (AMIT) OR **POS 150 Comparative Government (GCSI)** **or** **POS 160 Global Politics (GCSI)** POS 310, POS 350, and POS 360 can substitute for POS 110, POS 150 AND POS 160 and are recommended for transfer students.	C	6
POS 210 Political Ideologies (CIVI)	C	3
POS 301 Empirical Political Inquiry (SOBE)	C	3
POS 401 Political Statistics (QTRS)	C	3
Upper Division Political Science Career Requirement **POS 304 Professional Career Development** **POS 484 Topic: Arizona State Legislative Internship**	C	3

Requirement	Minimum Grade	Credit Hours
POS 484 Topic: ASU World Innovators		
POS 484 Topic: Capital Scholars Undergrad		
POS 484 Internship		
POS 484 Topic: Washington DC Apprenticeship		
POS 495 Jr. Fellows		
Upper Division **POS Elective**	C	12
POS Elective	C	6
Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields and ASU General Studies requirements.		

Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

Students must complete 12 credit hours in courses drawn from related areas. Courses from the subjects listed below may be used.

Upper Division Related Area Any course from the subjects in the list below will apply to the Related Area requirement. AES Elective AFR Elective AIS Elective APA Elective ASB Elective ASM Elective COM Elective ECN Elective FAS Elective GCU Elective GPH Elective HST Elective JUS Elective	C	6

MIS Elective

PHI Elective

PSY Elective

REL Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

Related Area C 6

Any course from the subjects in the list below will apply to the Related Area requirement.

AES Elective

AFR Elective

AIS Elective

APA Elective

ASB Elective

ASM Elective

COM Elective

ECN Elective

FAS Elective

GCU Elective

GPH Elective

HST Elective

JUS Elective

MIS Elective

PHI Elective

PSY Elective

REL Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Politics and the Economy, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPECBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
POS 210 Political Ideologies (CIVI)	C	3
POS 110 American Government and Politics (AMIT) OR **POS 150 Comparative Government (GCSI)** **or** **POS 160 Global Politics (GCSI)**	C	6
POS 301 Empirical Political Inquiry (SOBE)	C	3
POS 465 International Organization and Law (GCSI) OR **POS 485 Political Economy (SOBE)** OR **POS 486 International Political Economy (GCSI)**	C	9
ECN 221 Business Statistics (QTRS) OR **POS 401 Political Statistics (QTRS)**	C	3

Requirement	Minimum Grade	Credit Hours
ECN 211 Macroeconomic Principles (SOBE) OR **ECN 212 Microeconomic Principles (SOBE)**	C	6
ECN 312 Intermediate Microeconomic Theory (SOBE)	C	3
ECN 313 Intermediate Macroeconomic Theory (SOBE)	C	3
ECN 441 Public Economics (CIVI) OR **ECN 453 Competition Policy, Business Strategy and Industrial Organization**	C	6
ECN 475 Capstone in Economics OR **POS 348 Do You Want to Build a Nation? (CIVI)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

MAT 210 Brief Calculus (MATH) **OR** **MAT 270 Calculus with Analytic Geometry I (MATH)** Students considering graduate work in economics should select MAT 270 instead of MAT 210.	C	3
MAT 211 Mathematics for Business Analysis **OR** **MAT 271 Calculus with Analytic Geometry II (MATH)** Students considering graduate work in economics should select MAT 271 instead of MAT 211.	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPGSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Foundations of Psychology

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4

Breadth within Psychology

Students must complete one course from four of the five Breadth categories in the course list below (four courses total). Categories are Cognitive/Learning, Developmental, Personality/Mental Health, Physiological, and Social.

Requirement	Minimum Grade	Credit Hours
Upper Division Breadth within Psychology Courses		
Cognitive/Learning		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
NEU 323 Neuroscience of Perception		
NEU 327 Neuroscience of Learning		
Developmental		
PSY 341 Developmental Psychology (SOBE)	C	12
Personality/Mental Health		
PSY 315 Personality Theory and Research (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
Physiological		
PSY 325 Physiological Psychology		
Social		
PSY 350 Social Psychology (SOBE)		
PSY 351 Honors Social Psychology		

Depth within Psychology

Requirement	Minimum Grade	Credit Hours
Students must complete two courses from the course list below. NOTE: PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.		
400-Level Depth	C	6
PSY 400 Topics in Neuroscience		
PSY 414 History of Psychology		
PSY 420 Analysis of Behavior		
PSY 424 Genetic Psychology		
PSY 425 Biological Bases of Behavior		
PSY 430 Industrial Psychology		
PSY 432 Embodied Cognition		
PSY 437 Human Factors		
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 446 Social Development		
PSY 447 Psychology of Aging		
PSY 451 Stereotyping, Prejudice, and Discrimination		
PSY 458 Group Dynamics		
PSY 461 Interpersonal Influence		

Requirement	Minimum Grade	Credit Hours
PSY 462 Health Psychology		
PSY 465 Psychology of Stress and Coping		
PSY 468 Psychology and Law		
PSY 470 Psychopharmacology		
PSY 471 Psychological Testing		
PSY 472 Clinical Psychology		
PSY 498 Pro-Seminar		
NEU 426 Neuroanatomy		
NEU 433 Behavioral Neuroendocrinology		
NEU 456 Visual Cognitive Neuroscience		
NEU 460 Brain and Emotion		
NEU 494 Topic: Biotechnology Viruses as Tools		
NEU 494 Topic: Cognitive Neuroscience of Memory		
NEU 494 Topic: Data Analysis in Neuroscience		
NEU 494 Topic: Neural Basis of Learning and Memory		
NEU 494 Topic: Neuroeconomics		
NEU 494 Topic: Neuroscience of Social Cognition		
NEU 494 Topic: Psychiatric Medications		
NEU 494 Topic: The Social Brain		
NEU 494 Topic: Themes in Cognitive Neuroscience		

Requirement	Minimum Grade	Credit Hours
Psychology Major Electives		
Upper Division **PSY Elective** **OR** Upper Division **NEU Elective** No more than six hours (total) from the following course list may be used to fulfill the major elective requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499	C	6
PSY Elective **OR** **NEU Elective**	C	3
The College Requirements		
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a Second Language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16
Additional Requirements		
MAT 119 Finite Mathematics (MATH) **OR** **MAT 170 Precalculus (MATH)**	C	3
Foundations of Behavior		

Foundations of Behavior: Students must complete at least 12 credit hours of coursework from disciplines related to psychology. Maximum 9 credit hours can be lower division. Select courses from ASB, ASM, BIO, GCU, HPS, PHI, SOC.

Upper Division Foundations of Behavior		
ASB Elective		
ASM Elective		
BIO Elective		
GCU Elective	C	3
HPS Elective		
PHI Elective		
SOC Elective		
Foundations of Behavior		
ASB Elective		
ASM Elective		
BIO Elective		
GCU Elective	C	9
HPS Elective		
PHI Elective		
SOC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPGSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Foundations of Psychology

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4

Breadth within Psychology

Students must complete one course from four of the five Breadth categories in the course list below (four courses total). Categories are Cognitive/Learning, Developmental, Personality/Mental Health, Physiological, and Social.

Requirement	Minimum Grade	Credit Hours
Upper Division Breadth within Psychology Courses		
Cognitive/Learning		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
Developmental		
PSY 341 Developmental Psychology (SOBE)		
Personality/Mental Health	C	12
PSY 315 Personality Theory and Research (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
Physiological		
PSY 325 Physiological Psychology		
Social		
PSY 350 Social Psychology (SOBE)		
PSY 351 Honors Social Psychology		

Depth within Psychology

Students must complete two courses from the course list below. NOTE: PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.

Requirement	Minimum Grade	Credit Hours
Upper Division Depth	C	6
NEU 426 Neuroanatomy		
NEU 433 Behavioral Neuroendocrinology		
NEU 456 Visual Cognitive Neuroscience		
NEU 460 Brain and Emotion		
NEU 494 Topic: Biotechnology Viruses as Tools		
NEU 494 Topic: Cognitive Neuroscience of Memory		
NEU 494 Topic: Data Analysis in Neuroscience		
NEU 494 Topic: Neural Basis of Learning and Memory		
NEU 494 Topic: Psychiatric Medications		
PSY 400 Topics in Neuroscience		
PSY 414 History of Psychology		
PSY 420 Analysis of Behavior		
PSY 424 Genetic Psychology		
PSY 425 Biological Bases of Behavior		
PSY 430 Industrial Psychology		
PSY 432 Embodied Cognition		
PSY 434 Cognitive Psychology		
PSY 437 Human Factors		
PSY 441 Cognitive Development		

Requirement	Minimum Grade	Credit Hours
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		
PSY 444 Adolescent Psychology and Psychopathology		
PSY 446 Social Development		
PSY 447 Psychology of Aging		
PSY 451 Stereotyping, Prejudice, and Discrimination		
PSY 458 Group Dynamics		
PSY 461 Interpersonal Influence		
PSY 462 Health Psychology		
PSY 465 Psychology of Stress and Coping		
PSY 468 Psychology and Law		
PSY 470 Psychopharmacology		
PSY 471 Psychological Testing		
PSY 472 Clinical Psychology		
PSY 498 Pro-Seminar		

Psychology Major Electives

Upper Division **PSY Elective** **OR** Upper Division **NEU Elective** No more than six hours (total) from the following course list may be used to fulfill the major elective requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499	C	6

Requirement	Minimum Grade	Credit Hours
PSY Elective OR **NEU Elective**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Upper Division Science and Society Elective	C	3
Science and Society Elective	C	3

Additional Requirements

MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3

Foundations of Behavior

Foundations of Behavior: Students must complete at least 12 credit hours of coursework from disciplines related to

psychology. Maximum 9 credit hours can be lower division. Select courses from ASB, ASM, BIO, GCU, HPS, PHI, SOC.

Upper Division Foundations of Behavior		
ASB Elective	C	3
ASM Elective		
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		
Foundations of Behavior		
ASB Elective	C	9
ASM Elective		
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Psychology (Psychological Science), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LAPGSPSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

ASU Cumulative GPA of 3.00 or better required.

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Foundations of Psychology

PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 230 Introduction to Statistics (QTRS)	C	3
PSY 290 Research Methods (SCIT)	C	4

Breadth within Psychology

Students must complete one course from four of the five Breadth categories in the course list below (four courses total).

Requirement	Minimum Grade	Credit Hours
Categories are Cognitive/Learning, Developmental, Personality/Mental Health, Physiological, and Social.		
Upper Division Breadth within Psychology Courses		
Cognitive/Learning		
PSY 320 Learning and Motivation		
PSY 323 Sensation and Perception		
PSY 324 Memory and Cognition		
Developmental		
PSY 341 Developmental Psychology (SOBE)		
Personality/Mental Health	C	12
PSY 315 Personality Theory and Research (SOBE)		
PSY 366 Psychological Disorders (SOBE)		
Physiological		
PSY 325 Physiological Psychology		
Social		
PSY 350 Social Psychology (SOBE)		
PSY 351 Honors Social Psychology		

Depth within Psychology

Upper Division Depth within Psychology Courses	C	6
NEU 426 Neuroanatomy		

Requirement	Minimum Grade	Credit Hours
NEU 433 Behavioral Neuroendocrinology		
NEU 456 Visual Cognitive Neuroscience		
NEU 460 Brain and Emotion		
NEU 494 Topic: Biotechnology Viruses as Tools		
NEU 494 Topic: Cognitive Neuroscience of Memory		
NEU 494 Topic: Data Analysis in Neuroscience		
NEU 494 Topic: Neural Basis of Learning and Memory		
NEU 494 Topic: Psychiatric Medications		
PSY 400 Topics in Neuroscience		
PSY 414 History of Psychology		
PSY 420 Analysis of Behavior		
PSY 424 Genetic Psychology		
PSY 425 Biological Bases of Behavior		
PSY 430 Industrial Psychology		
PSY 432 Embodied Cognition		
PSY 434 Cognitive Psychology		
PSY 437 Human Factors		
PSY 441 Cognitive Development		
PSY 443 Child and Adolescent Psychological Disorders (SOBE)		

Requirement	Minimum Grade	Credit Hours
PSY 444 Adolescent Psychology and Psychopathology		
PSY 446 Social Development		
PSY 447 Psychology of Aging		
PSY 451 Stereotyping, Prejudice, and Discrimination		
PSY 458 Group Dynamics		
PSY 461 Interpersonal Influence		
PSY 462 Health Psychology		
PSY 465 Psychology of Stress and Coping		
PSY 468 Psychology and Law		
PSY 470 Psychopharmacology		
PSY 471 Psychological Testing		
PSY 472 Clinical Psychology		
PSY 498 Pro-Seminar		

Statistical Methods

PSY 330 Statistical Methods (QTRS)	C	3

Research Experience

PSY 399 Supervised Research	C	6
OR PSY 499 Individualized Instruction		
OR PSY 492 Honors Directed Study		

Requirement	Minimum Grade	Credit Hours
OR **PSY 493 Honors Thesis**		
OR **NEU 499 Individualized Instruction**		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Upper Division Science and Society Elective	C	3
Science and Society Elective	C	3

Additional Requirements

MAT 119 Finite Mathematics (MATH) OR **MAT 170 Precalculus (MATH)**	C	3

Foundations of Behavior

Foundations of Behavior: Students must complete at least 12 credit hours of coursework from disciplines related to psychology. Two courses must be from the same discipline.

Maximum 9 credits can be lower division. Select courses from ASB, ASM, BIO, GCU, HPS, PHI, SOC.

Upper Division Foundations of Behavior		
ASB Elective	C	3
ASM Elective		
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		
Foundations of Behavior		
ASB Elective	C	9
ASM Elective		
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		

Two courses must be from the same discipline (subject code).

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Religious Studies (Religion, Culture and Public Life), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LARELCPBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Check: Minimum 2.5 Major GPA		
Core		
REL 101 Religion, Culture and Public Life (HUAD)	C	3
REL 307 Religion: Theory and Practice (HUAD)	C	3
REL 405 Problems in Religious Studies OR **REL 406 Religious Studies Capstone I** **AND** **REL 407 Religious Studies Capstone II** REL 405 is offered to on-campus students, while REL 406 and 407 are offered to ASU Online students. These courses are typically offered only in Spring semesters.	C	3

Requirement	Minimum Grade	Credit Hours
Concentration		
Religion, Culture and Public Life Concentration Courses	C	6
REL 100 Religions of the World (HUAD)		
REL 200 Exploring the World's Religions		
REL 202 Religion and Popular Culture (HUAD)		
REL 205 Life, Sex and Death (GCSI)		
REL 207 Ritual, Symbol, and Myth (HUAD)		
REL 210 Introduction to Judaism		
REL 211 Jews and Judaism in America		
REL 260 Introduction to Islam (GCSI)		
REL 270 Introduction to Christianity		
REL 272 Heretics, Saints and Emperors: Christianity in the Ancient World (HUAD)		
REL 287 Topics in Film, Media, and Religion (GCSI)		
REL 294 Topic: Religious Freedom		
REL 301 Comparative Mysticism (HUAD)		
REL 310 Western Religious Traditions		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		

Requirement	Minimum Grade	Credit Hours
REL 323 African American Religion		
REL 324 Sacred Healing and Arts of the Africana World		
REL 326 Hispanic Religion, Culture and Healing		
REL 330 Native American Worldviews (HUAD)		
REL 343 Daoism (HUAD)		
REL 346 Chinese Religions (GCSI)		
REL 350 Hinduism (GCSI)		
REL 351 Buddhism (GCSI)		
REL 353 Zen and Japanese Culture		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 365 Islamic Civilization (HUAD)		
REL 367 Religion, Philosophy and Culture in Japan (GCSI)		
REL 371 New Testament (GCSI)		
REL 382 Magick, Religion and Science		
REL 383 Religion and Sports (HUAD)		
REL 390 Women, Gender and Religion (GCSI)		
REL 393 Religion and Sex		
REL 394 Topic: Art & Religion in Jain Culture		

Requirement	Minimum Grade	Credit Hours
Upper Division Religion, Culture and Public Life Concentration Courses	C	9
REL 301 Comparative Mysticism (HUAD)		
REL 310 Western Religious Traditions		
REL 315 Hebrew Bible (Old Testament) (HUAD)		
REL 320 American Religious Traditions (HUAD)		
REL 321 Religion in America (HUAD)		
REL 323 African American Religion		
REL 324 Sacred Healing and Arts of the Africana World		
REL 326 Hispanic Religion, Culture and Healing		
REL 330 Native American Worldviews (HUAD)		
REL 343 Daoism (HUAD)		
REL 346 Chinese Religions (GCSI)		
REL 350 Hinduism (GCSI)		
REL 351 Buddhism (GCSI)		
REL 353 Zen and Japanese Culture		
REL 357 Theravada Buddhism in South and Southeast Asia		
REL 365 Islamic Civilization (HUAD)		
REL 367 Religion, Philosophy and Culture in Japan (GCSI)		

Requirement	Minimum Grade	Credit Hours
REL 371 New Testament (GCSI)		
REL 382 Magick, Religion and Science		
REL 383 Religion and Sports (HUAD)		
REL 390 Women, Gender and Religion (GCSI)		
REL 393 Religion and Sex		
REL 394 Topic: Art & Religion in Jain Culture		
REL Outside Concentration Course		
Any REL course that is NOT listed in the Religion, Culture and Public Life concentration list, except for REL 100, REL 294: Religious Freedom and REL 321, which may be used either inside or outside the concentration, but not both.	C	3
REL 100 Religions of the World (HUAD)		
REL 294 Topic: Religious Freedom		
REL 321 Religion in America (HUAD)		
Upper Division REL Outside Concentration Course		
Any REL course that is NOT listed in the Religion, Culture and Public Life concentration list, except for REL 100, REL 294: Religious Freedom and REL 321, which may be used either inside or outside the concentration, but not both.	C	3
REL 321 Religion in America (HUAD)		

The REL Outside Concentration courses are any REL courses NOT on the Religion, Culture and Public Life concentration list.

Requirement	Minimum Grade	Credit Hours
Due to their broad content, REL 100, REL 294: Religious Freedom, and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as REL Outside Concentration courses, but each course will satisfy only ONE requirement, not both.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

Related Area Courses	C	6
AFR Elective		
AIS Elective		
AMS Elective		
APA Elective		
APH Elective		

ARS Elective

ASB Elective

GCU Elective

HPS Elective

HST Elective

HUL Elective

JUS Elective

PHI Elective

POS Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

ARB 360 Islamic Philosophical Literature

ARB 427 Arabic Prose: Reading the Arabian Nights

ARB 428 / SLC 428 Gender and Sexuality Discourse in the Middle East

BIO 312 Bioethics (HUAD)

BIO 315 / ENG 370 Science, Values, and the Public

BIO 318 History of Medicine (HUAD)

CHI 120 / SLC 120 Introduction to Chinese Culture (HUAD)

CHI 294 / SLC 294 Topic: Chinese Ghost Stories

CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)

CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation

CHI 345 Chinese Film and Civilization

CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film

CHI 451 / SLC 451 Chinese Cultural History I

CHI 452 / SLC 452 Chinese Cultural History II

ENG 315 Medieval Literature in Translation

ENG 333 American Ethnic Literature

ENG 353 African American Literature: Beginnings

through the Harlem Renaissance (HUAD)

ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)

ENG 356 The Bible as Literature

ENG 359 Indigenous American Literature

GER 315 Germanic Mythology

HEB 316 / ENG 316 Literary Readings of the Hebrew Bible

HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)

HEB 348 / SLC 348 Israeli Society and Culture (HUAD)

HEB 375 Contemporary Culture of Israel

HEB 411 Judaism and the Beginnings of Christianity (HUAD)

HON 171 The Human Event (GCSI)

HON 272 The Human Event (CIVI)

HON 370 History of Ideas (GCSI)

HON 379 Romantics, Victorians, and Moderns

IAS 430 Science and Religion (HUAD)

JPN 115 / SLC 115 Japanese Popular Culture: Anime, Manga and Film (GCSI)

JPN 333 Japanese Civilization from the Ice Age to Last Thursday

JPN 354 / SLC 354 Zen and Japanese Culture

JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)

JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)

JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan

JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan

JPN 424 / SLC 424 The Art of the Ninja (GCSI)

JPN 445 Readings in Modern Japanese Letters and Culture

JPN 494 / SLC 494 Topic: Film and Religion in Japan

JST Elective (not from JST 133, 233, 333, or 334)

KOR 250 Korean Culture and Society

KOR 321 Modern Korean Literature

KOR 347 Korean Film and Literature (HUAD)

KOR 350 Women of Korea

KOR 354 Religions of Korea

KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)

KOR 415 / SLC 415 Korean Popular Culture

KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)

KOR 457 / SLC 457 Premodern Korea in a Global Context

MUS 347 Jazz in America (HUAD)

MUS 354 Popular Music

MUS 355 American Music (HUAD)

MUS 371 World Music (GCSI)

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)

PSY 350 Social Psychology (SOBE)

SLC 142 / GRK 142 Ancient Greek Civilization (HUAD)

SLC 223 / GRK 223 / LAT 223 Introduction to Greek and Roman Mythology (HUAD)

SLC 294 / VTN 294 Topic: Vietnam: Beyond the War

SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HUAD)

SLC 361 / LAT 361 Roman Religion

SLC 362 / GRK 362 Ancient Greek Religion

SLC 444 / GRK 444 / LAT 444 Heroes, Ancient and Modern

SLC 455 / GER 455 Berlin: Migration, Arts and Activism

SLC 494 Topic: Religions and Conflicts in Southeast Asia

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)

TCL 328 Hispanic Religion, Culture and Healing

Upper Division Related Area Courses	C	9

AFR Elective

AIS Elective

AMS Elective

APA Elective

APH Elective

ARS Elective

ASB Elective

GCU Elective

HPS Elective

HST Elective

HUL Elective

JUS Elective

PHI Elective

POS Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

ARB 360 Islamic Philosophical Literature

ARB 427 Arabic Prose: Reading the Arabian Nights

ARB 428 / SLC 428 Gender and Sexuality Discourse in the Middle East

BIO 312 Bioethics (HUAD)

BIO 315 / ENG 370 Science, Values, and the Public

BIO 318 History of Medicine (HUAD)

CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)

CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation

CHI 345 Chinese Film and Civilization

CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film

CHI 451 / SLC 451 Chinese Cultural History I

CHI 452 / SLC 452 Chinese Cultural History II

ENG 315 Medieval Literature in Translation

ENG 333 American Ethnic Literature

ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)

ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)

ENG 356 The Bible as Literature

ENG 359 Indigenous American Literature

GER 315 Germanic Mythology

HEB 316 / ENG 316 Literary Readings of the Hebrew Bible

HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)

HEB 348 / SLC 348 Israeli Society and Culture (HUAD)

HEB 375 Contemporary Culture of Israel

HEB 411 Judaism and the Beginnings of Christianity (HUAD)

HON 370 History of Ideas (GCSI)

HON 379 Romantics, Victorians, and Moderns

IAS 430 Science and Religion (HUAD)

JPN 333 Japanese Civilization from the Ice Age to Last Thursday

JPN 354 / SLC 354 Zen and Japanese Culture

JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)

JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)

JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan

JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan

JPN 424 / SLC 424 The Art of the Ninja (GCSI)

JPN 445 Readings in Modern Japanese Letters and Culture

JPN 494 / SLC 494 Topic: Film and Religion in Japan

JST Elective (not from JST 133, 233, 333, or 334)

KOR 321 Modern Korean Literature

KOR 347 Korean Film and Literature (HUAD)

KOR 350 Women of Korea

KOR 354 Religions of Korea

KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)

KOR 415 / SLC 415 Korean Popular Culture

KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)

KOR 457 / SLC 457 Premodern Korea in a Global Context

MUS 347 Jazz in America (HUAD)

MUS 354 Popular Music

MUS 355 American Music (HUAD)

MUS 371 World Music (GCSI)

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)

PSY 350 Social Psychology (SOBE)

SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HUAD)

SLC 361 / **LAT 361 Roman Religion**

SLC 362 / **GRK 362 Ancient Greek Religion**

SLC 444 / **GRK 444** / **LAT 444 Heroes, Ancient and Modern**

SLC 455 / **GER 455 Berlin: Migration, Arts and Activism**

SLC 494 Topic: Religions and Conflicts in Southeast Asia

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)

TCL 328 Hispanic Religion, Culture and Healing

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go

to: https://silc.asu.edu/student-life/academic-advising/language-testing
If planning on law school, prepare to take the LSAT in your junior year.
Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.
Many General Studies requirements can overlap with major requirements, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
Not all courses in the course lists are available every term or available in both on-campus and online formats. Students should consult the class schedule prior to each term to confirm course availability.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Religious Studies (Religion, Politics and Global Affairs), BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LARELPGBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
Check: Minimum 2.5 Major GPA		
Core		
REL 101 Religion, Culture and Public Life (HUAD)	C	3
REL 307 Religion: Theory and Practice (HUAD)	C	3
REL 405 Problems in Religious Studies OR **REL 406 Religious Studies Capstone I** **AND** **REL 407 Religious Studies Capstone II** REL 405 is offered to on-campus students, while REL 406 and 407 are offered to ASU Online students. These courses are typically offered only in Spring semesters.	C	3

Requirement	Minimum Grade	Credit Hours
Concentration		
Religion, Politics and Global Affairs Concentration Courses	C	6
REL 100 Religions of the World (HUAD)		
REL 107 Religion and Globalization (GCSI)		
REL 201 Religion and the Modern World (HUAD)		
REL 225 Africana Religious Studies (HUAD)		
REL 294 Topic: Religious Freedom		
REL 319 Religion, Violence and America		
REL 321 Religion in America (HUAD)		
REL 347 Religions of India		
REL 349 Nature, Sustainability and Religion (SUST)		
REL 352 Modern Buddhism		
REL 354 Religions of Korea		
REL 362 Islam and Islamic Societies in Africa: Social and Political History		
REL 363 Islam and World Affairs		
REL 364 Islam in Eurasia and Central Asia		
REL 366 Islam in the Modern World (GCSI)		
REL 374 Witchcraft and Heresy in Europe (HUAD)		
REL 377 Religion in Russia		

Requirement	Minimum Grade	Credit Hours
REL 378 Religion, War and Peace (CIVI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 381 Religion and Moral Issues (HUAD)		
REL 387 Religion and Conflict: Theories and Cases		
REL 388 Religion, Ethics, and International Politics (CIVI)		
REL 396 Islam and Politics (CIVI)		
REL 420 Religion in American Life and Thought		
REL 454 History of Genocide (GCSI)		
REL 461 Different Voices Within Contemporary Islamic Discourse		
REL 480 Religion and Global Politics		
Upper Division Religion, Politics and Global Affairs Concentration Courses	C	9
REL 319 Religion, Violence and America		
REL 321 Religion in America (HUAD)		
REL 347 Religions of India		
REL 349 Nature, Sustainability and Religion (SUST)		
REL 352 Modern Buddhism		
REL 354 Religions of Korea		

Requirement	Minimum Grade	Credit Hours
REL 362 Islam and Islamic Societies in Africa: Social and Political History		
REL 363 Islam and World Affairs		
REL 364 Islam in Eurasia and Central Asia		
REL 366 Islam in the Modern World (GCSI)		
REL 374 Witchcraft and Heresy in Europe (HUAD)		
REL 377 Religion in Russia		
REL 378 Religion, War and Peace (CIVI)		
REL 379 Religion, Nationalism, and Ethnic Conflict (GCSI)		
REL 381 Religion and Moral Issues (HUAD)		
REL 387 Religion and Conflict: Theories and Cases		
REL 388 Religion, Ethics, and International Politics (CIVI)		
REL 396 Islam and Politics (CIVI)		
REL 420 Religion in American Life and Thought		
REL 454 History of Genocide (GCSI)		
REL 461 Different Voices Within Contemporary Islamic Discourse		
REL 480 Religion and Global Politics		
REL Outside Concentration Course	C	3

Requirement	Minimum Grade	Credit Hours
Any REL course that is NOT listed in the Religion, Politics and Global Affairs concentration list, except for REL 100, REL 294: Religious Freedom and REL 321, which may be used either inside or outside the concentration, but not both. **REL 100 Religions of the World (HUAD)** **REL 294 Topic: Religious Freedom** **REL 321 Religion in America (HUAD)**		
Upper Division REL Outside Concentration Course Any REL course that is NOT listed in the Religion, Politics and Global Affairs concentration list, except for REL 100, REL 294: Religious Freedom and REL 321, which may be used either inside or outside the concentration, but not both. **REL 321 Religion in America (HUAD)**	C	3

The Outside Concentration courses are any REL courses NOT on the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100, REL 294: Religious Freedom, and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but each course will satisfy only ONE requirement, not both. At least three credit hours must be upper division.

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that

satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

Additional Requirements

Related Area Courses	C	6

- AFR Elective
- AIS Elective
- AMS Elective
- APA Elective
- APH Elective
- ARS Elective
- ASB Elective
- GCU Elective
- HPS Elective
- HST Elective
- HUL Elective
- JUS Elective

PHI Elective

POS Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ARB 250 / SLC 250 Middle East Culture in a Global Perspective (GCSI)

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

ARB 360 Islamic Philosophical Literature

ARB 427 Arabic Prose: Reading the Arabian Nights

ARB 428 / SLC 428 Gender and Sexuality Discourse in the Middle East

BIO 312 Bioethics (HUAD)

BIO 315 / ENG 370 Science, Values, and the Public

BIO 318 History of Medicine (HUAD)

CHI 120 / SLC 120 Introduction to Chinese Culture (HUAD)

CHI 294 / SLC 294 Topic: Chinese Ghost Stories

CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)

CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation

CHI 345 Chinese Film and Civilization

CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film

CHI 451 / SLC 451 Chinese Cultural History I

CHI 452 / SLC 452 Chinese Cultural History II

ENG 315 Medieval Literature in Translation

ENG 333 American Ethnic Literature

ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)

ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)

ENG 356 The Bible as Literature

ENG 359 Indigenous American Literature

GER 315 Germanic Mythology

HEB 316 / ENG 316 Literary Readings of the Hebrew Bible

HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)

HEB 348 / SLC 348 Israeli Society and Culture (HUAD)

HEB 375 Contemporary Culture of Israel

HEB 411 Judaism and the Beginnings of Christianity (HUAD)

HON 171 The Human Event (GCSI)

HON 272 The Human Event (CIVI)

HON 370 History of Ideas (GCSI)

HON 379 Romantics, Victorians, and Moderns

IAS 430 Science and Religion (HUAD)

JPN 115 / SLC 115 Japanese Popular Culture: Anime, Manga and Film (GCSI)

JPN 333 Japanese Civilization from the Ice Age to Last Thursday

JPN 354 / SLC 354 Zen and Japanese Culture

JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)

JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)

JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan

JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan

JPN 424 / SLC 424 The Art of the Ninja (GCSI)

JPN 445 Readings in Modern Japanese Letters and Culture

JPN 494 / SLC 494 Topic: Film and Religion in Japan

JST Elective (not from JST 133, 233, 333, or 334)

KOR 250 Korean Culture and Society

KOR 321 Modern Korean Literature

KOR 347 Korean Film and Literature (HUAD)

KOR 350 Women of Korea

KOR 354 Religions of Korea

KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)

KOR 415 / SLC 415 Korean Popular Culture

KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)

KOR 457 / SLC 457 Premodern Korea in a Global Context

MUS 347 Jazz in America (HUAD)

MUS 354 Popular Music

MUS 355 American Music (HUAD)

MUS 371 World Music (GCSI)

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)

PSY 350 Social Psychology (SOBE)

SLC 142 / GRK 142 Ancient Greek Civilization (HUAD)

SLC 223 / GRK 223 / LAT 223 Introduction to Greek and Roman Mythology (HUAD)

SLC 294 / VTN 294 Topic: Vietnam: Beyond the War

SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HUAD)

SLC 361 / LAT 361 Roman Religion

SLC 362 / GRK 362 Ancient Greek Religion

SLC 444 / GRK 444 / LAT 444 Heroes, Ancient and Modern

SLC 455 / GER 455 Berlin: Migration, Arts and Activism

SLC 494 Topic: Religions and Conflicts in Southeast Asia

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)

TCL 328 Hispanic Religion, Culture and Healing

Upper Division Related Area Courses	C	9

AFR Elective

AIS Elective

AMS Elective

APA Elective

APH Elective

ARS Elective

ASB Elective

GCU Elective

HPS Elective

HST Elective

HUL Elective

JUS Elective

PHI Elective

POS Elective

SGS Elective

SOC Elective

TCL Elective

WST Elective

ARB 331 Arabic/Islamic Culture and Literature (GCSI)

ARB 335 Arabic Culture and Islam (GCSI)

ARB 336 Introduction to the Qur'an (GCSI)

ARB 337 Hadith and Prophetic Tradition

ARB 341 Quran Text and Women (GCSI)

ARB 351 Classical Arabic Literature (HUAD)

ARB 352 Modern Arabic Literature in Translation (HUAD)

ARB 360 Islamic Philosophical Literature

ARB 427 Arabic Prose: Reading the Arabian Nights

ARB 428 / SLC 428 Gender and Sexuality Discourse in the Middle East

BIO 312 Bioethics (HUAD)

BIO 315 / ENG 370 Science, Values, and the Public

BIO 318 History of Medicine (HUAD)

CHI 321 Power and Poetry: Classical Chinese Literature in Translation (HUAD)

CHI 322 Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation

CHI 345 Chinese Film and Civilization

CHI 394 / SLC 394 Topic: I Know Kung-fu: Chinese Martial Arts, Lit and Film

CHI 451 / SLC 451 Chinese Cultural History I

CHI 452 / SLC 452 Chinese Cultural History II

ENG 315 Medieval Literature in Translation

ENG 333 American Ethnic Literature

ENG 353 African American Literature: Beginnings through the Harlem Renaissance (HUAD)

ENG 354 African American Literature: Harlem Renaissance to the Present (HUAD)

ENG 356 The Bible as Literature

ENG 359 Indigenous American Literature

GER 315 Germanic Mythology

HEB 316 / ENG 316 Literary Readings of the Hebrew

Bible

HEB 347 / SLC 347 Modern Israeli Literature in Translation (HUAD)

HEB 348 / SLC 348 Israeli Society and Culture (HUAD)

HEB 375 Contemporary Culture of Israel

HEB 411 Judaism and the Beginnings of Christianity (HUAD)

HON 370 History of Ideas (GCSI)

HON 379 Romantics, Victorians, and Moderns

IAS 430 Science and Religion (HUAD)

JPN 333 Japanese Civilization from the Ice Age to Last Thursday

JPN 354 / SLC 354 Zen and Japanese Culture

JPN 355 / SLC 355 Religious Practice of People in Modern Japan (GCSI)

JPN 367 / SLC 367 Religion, Philosophy and Culture in Japan (GCSI)

JPN 370 / SLC 370 Japanese Aesthetics: Art and Beauty in Japan

JPN 394 / SLC 394 Topic: Anime, Manga, and Religion in Japan

JPN 424 / SLC 424 The Art of the Ninja (GCSI)

JPN 445 Readings in Modern Japanese Letters and Culture

JPN 494 / SLC 494 Topic: Film and Religion in Japan

JST Elective (not from JST 133, 233, 333, or 334)

KOR 321 Modern Korean Literature

KOR 347 Korean Film and Literature (HUAD)

KOR 350 Women of Korea

KOR 354 Religions of Korea

KOR 375 / SLC 375 Intercultural Communication in Korea (SOBE)

KOR 415 / SLC 415 Korean Popular Culture

KOR 420 / SLC 420 Emotions Across Languages, Cultures and History (SOBE)

KOR 457 / SLC 457 Premodern Korea in a Global Context

MUS 347 Jazz in America (HUAD)

MUS 354 Popular Music

MUS 355 American Music (HUAD)

MUS 371 World Music (GCSI)

POR 472 Transatlantic Encounters: Brazil and Portugal (GCSI)

PSY 350 Social Psychology (SOBE)

SLC 320 Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HUAD)

SLC 361 / LAT 361 Roman Religion

SLC 362 / GRK 362 Ancient Greek Religion

SLC 444 / GRK 444 / LAT 444 Heroes, Ancient and Modern

SLC 455 / GER 455 Berlin: Migration, Arts and Activism

SLC 494 Topic: Religions and Conflicts in Southeast Asia

SPA 325 Introduction to Hispanic Literature (HUAD)

SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)

SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)

TCL 328 Hispanic Religion, Culture and Healing

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

If planning on law school, prepare to take the LSAT in your junior year.

Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.

Consider participating in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor.

Many General Studies requirements can overlap with major requirements, leaving more room for electives. Consult an

academic advisor to select the best courses for your personal plan of study.

Not all courses in the course lists are available every term or available in both on-campus and online formats. Students should consult the class schedule prior to each term to confirm course availability.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Russian, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LARUSBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
RUS 141 Russian Civilization: From Tsars to Putin (GCSI) OR **RUS 241 Russian Pop Culture: Protest and Propaganda (GCSI)**	C	3
RUS 211 Conversational Russian I	C	3
RUS 212 Conversational Russian II	C	3
RUS 311 Russian Society I	C	3
RUS 312 Russian Society II	C	3
RUS 411 Russian Language, History and Culture I OR **RUS 412 Russian Language, History and Culture II**	C	3
RUS 430 Russian Short Story (HUAD)	C	3

Requirement	Minimum Grade	Credit Hours
SLV 304 Digital Humanities for Language Majors OR SLV 440 History of Slavic Languages (SOBE)	C	3
Upper Division Restricted Electives RUS 322 Scandals and Scoundrels: The Nineteenth-Century Russian Novel RUS 323 Russian Literature and Revolution: The Twentieth Century RUS 421 Pushkin RUS 425 Chekhov and Russian Drama (HUAD) RUS 439 Art in Exile: VladÃmir VladÃmirovich Nabokov	C	6
Upper Division Russian Electives RUS 394 Special Topics RUS 421 Pushkin RUS 425 Chekhov and Russian Drama (HUAD) RUS 439 Art in Exile: VladÃmir VladÃmirovich Nabokov RUS 440 Russian Mass Media RUS 493 Honors Thesis RUS 494 Special Topics RUS 499 Individualized Instruction	C	3

School of International Letters and Cultures Requirements

Requirement	Minimum Grade	Credit Hours
SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Russian (RUS) courses.	C	20

Additional Requirements

Related Area Courses **GCU 426 Geography of Russia and Surroundings** **HST 304 Studies in European History** **HST 355 Total War and the Crisis of Modernity (HUAD)** **HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)**	C	3

HST 436 Rise & Fall of Soviet Communism		
MHL 363 Survey of Russian Music		
POS 360 World Politics (GCSI)		
POS 467 International Security (GCSI)		
POS 486 International Political Economy (GCSI)		
REL 364 Islam in Eurasia and Central Asia		
SLC 340 Approaches to International Cinema (GCSI)		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Sociology, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LASOCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.

Major Core

SOC 101 Introductory Sociology (SOBE)	C	3
SOC 201 Careers in Sociology	C	1
SOC 290 Introduction to Social Science Research	C	3
SOC 483 Sociological Theories (SOBE)	C	3

Statistics

SOC 390 Social Statistics I (QTRS) OR **STP 226 Elements of Statistics (QTRS)**	C	3

Requirement	Minimum Grade	Credit Hours
Capstone Course		
SOC 490 Advanced Sociological Research Methods OR **SOC 491 Advanced Sociological Perspectives**	C	3
Major Electives		
200-Level **SOC Elective**	C	3
Upper Division **SOC Elective** A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.	C	12
SOC Elective	C	6
The College Requirements		
Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count		

towards any major, minor, related fields and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

Related Area Subjects	C	9

- AIS Elective
- AFR Elective
- APA Elective
- ASB Elective
- CAP Elective
- CDE Elective
- CRJ Elective
- DST Elective
- ECN Elective
- FAS Elective
- GCU Elective
- HSC Elective
- JHR Elective
- JUS Elective
- LAW Elective

OGL Elective

POS Elective

PSY Elective

SOC Elective

SOS Elective

SWU Elective

TCL Elective

WST Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

An internship is recommended but not required.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Spanish, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASPABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
POR 301 Portuguese for Spanish Speakers I	C	3
SPA 313 Spanish Conversation and Composition OR **SPA 315 Advanced Spanish I for Bilinguals (SOBE)**	C	3
SPA 314 Spanish Conversation and Composition OR **SPA 316 Advanced Spanish II for Bilinguals (CIVI)**	C	3
SPA 325 Introduction to Hispanic Literature (HUAD)	C	3
SPA 400 Fundamentals of Spanish Linguistics (SOBE)	C	3
SPA 412 Advanced Conversation and Composition OR **SPA 416 Advanced Spanish Conversation and Composition for Spanish Heritage Learners (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
400-Level SPA Culture or Linguistics Course		
SPA 417 The Sounds of Spanish (SOBE)	C	3
SPA 418 Architecture of Spanish		
SPA 419 Spanish Around the World		
SPA 420 Applied Spanish Linguistics (SOBE)		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
400-Level Spanish Literature	C	3
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala		
SPA 487 Chicano/a Drama: Pachucos, Vendidos y		

Requirement	Minimum Grade	Credit Hours
Cerezitas		
Upper Division Spanish Literature, Linguistics and Culture Elective	C	9
SPA 394 Special Topics		
SPA 417 The Sounds of Spanish (SOBE)		
SPA 418 Architecture of Spanish		
SPA 419 Spanish Around the World		
SPA 420 Applied Spanish Linguistics (SOBE)		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 470 Law, Societies and Justice in Latino-America		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		

Requirement	Minimum Grade	Credit Hours
SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala		
SPA 494 Special Topics		
Upper Division Major Elective	C	3
SPA 319 Business Correspondence and Communication		
SPA 382 Spanish for Biomedical Sciences		
SPA 394 Special Topics		
SPA 413 Spanish Grammar in Context		
SPA 414 Spanish for Sustainability and Environmental Studies		
SPA 417 The Sounds of Spanish (SOBE)		
SPA 418 Architecture of Spanish		
SPA 419 Spanish Around the World		
SPA 420 Applied Spanish Linguistics (SOBE)		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		

Requirement	Minimum Grade	Credit Hours
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 470 Law, Societies and Justice in Latino-America		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 484 Internship		
SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala		
SPA 487 Chicano/a Drama: Pachucos, Vendidos y Cerezitas		
SPA 494 Topic: Advanced Spanish for Healthcare		
SPA 494 Topic: Spanish with a Legal Focus		

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Spanish (SPA) courses.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.	1

First-Year Composition

ENG 101 First-Year Composition AND **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Spanish, BA - Linguistics

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASPABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
POR 301 Portuguese for Spanish Speakers I	C	3
POR 302 Portuguese for Spanish Speakers II	C	3
SPA 313 Spanish Conversation and Composition OR **SPA 315 Advanced Spanish I for Bilinguals (SOBE)**	C	3
SPA 314 Spanish Conversation and Composition OR **SPA 316 Advanced Spanish II for Bilinguals (CIVI)**	C	3
SPA 400 Fundamentals of Spanish Linguistics (SOBE)	C	3
SPA 412 Advanced Conversation and Composition OR **SPA 416 Advanced Spanish Conversation and Composition for Spanish Heritage Learners (HUAD)**	C	3

Requirement	Minimum Grade	Credit Hours
SPA 417 The Sounds of Spanish (SOBE)	C	3
SPA 418 Architecture of Spanish	C	3
SPA 419 Spanish Around the World	C	3
SPA 420 Applied Spanish Linguistics (SOBE)	C	3
Upper Division Spanish Elective	C	3

- SPA 319 Business Correspondence and Communication
- SPA 325 Introduction to Hispanic Literature (HUAD)
- SPA 385 Cinema and Culture of Spain
- SPA 394 Topic: Advanced Mayan Culture
- SPA 394 Topic: Angels or Devils: Women Rebels
- SPA 394 Topic: Hispanic Caribbean Culture & Society
- SPA 394 Topic: Human Rights in Argentina
- SPA 394 Topic: Latin American Political & Cultural Thought
- SPA 394 Topic: Transcultural Connections
- SPA 413 Spanish Grammar in Context
- SPA 421 Spanish in the Southwest
- SPA 425 Understanding Spain: Literature and Culture Before 1700
- SPA 426 Literature and Society in Modern Spain

Requirement	Minimum Grade	Credit Hours
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 470 Law, Societies and Justice in Latino-America		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA 475 Latin American Film		
SPA 484 Internship		
SPA 485 Chicano/a Short Story: Espanglish, Barrio y Xicanisma		
SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala		
SPA 490 Consumer Culture in Latin America		
SPA 492 Honors Directed Study		
SPA 493 Honors Thesis		

Requirement	Minimum Grade	Credit Hours
SPA 494 Topic: Ancient and Modern Mayan Culture		
SPA 494 Topic: Chicano cancionero and narco-corridos		
SPA 494 Topic: Chicano/Chicana Film		
SPA 494 Topic: Chicano/Chicana Literatura Infantil		
SPA 494 Topic: Ecocritical Approaches Latin Am Cultural Productn		
SPA 494 Topic: Film, Literature in Leon&Barcelona, Spain		
SPA 494 Topic: History of the Spanish Language		
SPA 494 Topic: Latin American Graphic Narrative		
SPA 494 Topic: Latin American Photography and Human Rights		
SPA 494 Topic: Latin American Queer Cultures		
SPA 494 Topic: Mass Media from Spain &the Global Media in Spanish		
SPA 494 Topic: Mexican-American Cinema		
SPA 494 Topic: Pirates, Travelers and Renegados		
SPA 494 Topic: Spanish Culture through Selfies		
SPA 494 Topic: Why is the Amazon Burning?		

School of International Letters and Cultures Requirements

Requirement	Minimum Grade	Credit Hours
SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.

Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Spanish (SPA) courses.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Spanish, BA - Literature and Culture

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LASPABA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
POR 301 Portuguese for Spanish Speakers I	C	3
SPA 313 Spanish Conversation and Composition OR **SPA 315 Advanced Spanish I for Bilinguals (SOBE)**	C	3
SPA 314 Spanish Conversation and Composition OR **SPA 316 Advanced Spanish II for Bilinguals (CIVI)**	C	3
SPA 325 Introduction to Hispanic Literature (HUAD)	C	3
SPA 412 Advanced Conversation and Composition OR **SPA 416 Advanced Spanish Conversation and Composition for Spanish Heritage Learners (HUAD)**	C	3
400-Level Spanish Culture Course	C	3

Requirement	Minimum Grade	Credit Hours
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
400-Level Spanish Literature Course		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		
SPA 428 Foundational Texts of Latin American Literature Since Modernismo	C	6
SPA 429 Writing Mexico: Major Texts		
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 485 Chicano/a Short Story: Espanglish, Barrio y Xicanisma		
SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala		
Upper Division Spanish Literature and Culture Electives	C	6
SPA 319 Business Correspondence and Communication		

Requirement	Minimum Grade	Credit Hours
SPA 385 Cinema and Culture of Spain		
SPA 394 Topic: Advanced Mayan Culture		
SPA 394 Topic: Angels or Devils: Women Rebels		
SPA 394 Topic: Business Spanish		
SPA 394 Topic: Hispanidades: Documenting Local Culture		
SPA 394 Topic: Human Rights in Argentina		
SPA 394 Topic: Latin American Political & Cultural Thought		
SPA 394 Topic: Transcultural Connections		
SPA 413 Spanish Grammar in Context		
SPA 417 The Sounds of Spanish (SOBE)		
SPA 418 Architecture of Spanish		
SPA 419 Spanish Around the World		
SPA 420 Applied Spanish Linguistics (SOBE)		
SPA 421 Spanish in the Southwest		
SPA 425 Understanding Spain: Literature and Culture Before 1700		
SPA 426 Literature and Society in Modern Spain		
SPA 427 Colonial and Postcolonial Latin American Literature (HUAD)		

Requirement	Minimum Grade	Credit Hours
SPA 428 Foundational Texts of Latin American Literature Since Modernismo		
SPA 429 Writing Mexico: Major Texts		
SPA 464 JaitÃ³n Works in Chicano/a Literature		
SPA 470 Law, Societies and Justice in Latino-America		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA 474 Revolutionary Mexico and Postmodern Revisions		
SPA 475 Latin American Film		
SPA 485 Chicano/a Short Story: Espanglish, Barrio y Xicanisma		
SPA 486 Chicano/a Novel: Ã ltima, Rafa y Lala		
SPA 490 Consumer Culture in Latin America		
SPA 494 Topic: Ancient and Modern Mayan Culture		
SPA 494 Topic: Chicano cancionero and narco-corridos		
SPA 494 Topic: Chicano/Chicana Film		
SPA 494 Topic: Chicano/Chicana Literatura Infantil		
SPA 494 Topic: Ecocritical Approaches Latin Am		

Requirement	Minimum Grade	Credit Hours
Cultural Productn		
SPA 494 Topic: Film, Literature in Leon&Barcelona, Spain		
SPA 494 Topic: History of the Spanish Language		
SPA 494 Topic: Latin American Graphic Narrative		
SPA 494 Topic: Latin American Photography and Human Rights		
SPA 494 Topic: Latin American Queer Cultures		
SPA 494 Topic: Mass Media from Spain &the Global Media in Spanish		
SPA 494 Topic: Mexican-American Cinema		
SPA 494 Topic: Pirates, Travelers and Renegados		
SPA 494 Topic: Spanish Culture through Selfies		
SPA 494 Topic: Why is the Amazon Burning?		
Upper Division **SPA Elective**	C	3

School of International Letters and Cultures Requirements

SLC 201 Introduction to Linguistics (SOBE) OR **SLC 202 Exploring Cultures: Words, Images, Stories (HUAD)**	C	3

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite. It is recommended that students complete this requirement with Spanish (SPA) courses.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

LIA 101 Student Success in The College of Liberal Arts and Sciences OR **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Technological Leadership, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: The College of Liberal Arts and Sciences
Plan Code: LATECLDRBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.		
Inquiry Courses		
IPI 196 Fundamentals of Inquiry	C	3
IPI 296 Interplanetary Inquiry	C	3
IPI 496 Advanced Interplanetary Inquiry	C	3
IPI 496 Advanced Interplanetary Inquiry OR **THF 429 Astrobiological Arts**	C	3
Making Requirements		
IPI 241 Designing and Making (Electronics and Programming)	C	3

Requirement	Minimum Grade	Credit Hours
IPI 341 Designing and Making (3D Printing and Fabrication)	C	3
IPI 241 and IPI 341 fulfill the Science and Society requirement.		
Upper Division Making Electives **AME 330 Digital-Physical Systems** **AME 494 Topic: Designing for Dreamscape** **GIS 494 Topic: GIS Methods for Non-Majors** **HSE 429 Product Design and Evaluation** **IPI 441 Designing and Making: Advanced Projects** **IPI 460 Can NASA Stop Wildfires?** **SES 307 Space Works I: Design, Build, Test** **SES 407 Space Works II: Model, Fabricate, Test** **TWC 446 Technical and Scientific Reports** **WPC 300 Problem Solving and Actionable Analytics (QTRS)**	C	3
Making Electives **AME 240 Introduction to Physical Computing** **AME 330 Digital-Physical Systems** **AME 494 Topic: Designing for Dreamscape** **CSE 205 Object-Oriented Programming and Data Structures (QTRS)**	C	3

Requirement	Minimum Grade	Credit Hours
GIS 494 Topic: GIS Methods for Non-Majors		
HSE 429 Product Design and Evaluation		
IPI 441 Designing and Making: Advanced Projects		
IPI 460 Can NASA Stop Wildfires?		
SES 307 Space Works I: Design, Build, Test		
SES 407 Space Works II: Model, Fabricate, Test		
TWC 446 Technical and Scientific Reports		
WPC 300 Problem Solving and Actionable Analytics (QTRS)		

Making Electives may not be offered for all campuses and may require prerequisites. Review class search thoroughly to understand course offering options or speak with your advisor.

Leadership Requirements

PSY 302 The Psychology of Positive Leadership	C	3
Upper Division Leadership Electives	C	6
ACC 382 Accounting and Financial Analysis		
CEL 350 Philosophy, Politics and Economics (SOBE)		
COM 453 Communication Training and Development		
FIS 308 Politics, Markets and Innovation (CIVI)		
FIS 334 Science, Technology and Inequality (GCSI)		

Requirement	Minimum Grade	Credit Hours
FIS 432 Problem Solving Through Strategic Thinking		
HDA 494 Topic: Generative Critique:The Critical Response Process		
HSE 428 Judgment and Decision Making		
MGT 380 Management and Strategy		
NLM 410 Social Entrepreneurship		
OGL 300 Theory and Practice of Leadership		
OGL 345 Organizational Ethics (HUAD)		
OGL 350 Diversity and Organizations (GCSI)		
PMG 320 Project Approaches		
SOC 334 Technology and Society (SOBE)		
TEM 400 Technology Entrepreneurship		
TWC 443 Grant & Proposal Writing		

Leadership Electives may not be offered for all campuses and may require prerequisites. Review class search thoroughly to understand course offering options or speak with your advisor.

Career/Internship Requirements

IPI 400 Fundamentals of Career Success	C	2
IPI 402 Technological Leadership Career Exploration	C	1
IPI 484 Internship	Y	6

Requirement	Minimum Grade	Credit Hours
Internship experiences can come from a variety of opportunities and may be done as one or two immersive experiences to meet the required 6 credits. Work with your advisor to complete this portion of the program.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		

Additional Requirements

CSE 110 Principles of Programming (QTRS) OR **AME 230 Programming for the Media Arts (QTRS)**	C	3
COM 225 Public Speaking and Presentations (CIVI) OR **COM 230 Teamwork and Collaboration (SOBE)** OR **COM 259 Communication in Business and the Professions (CIVI)**	C	3
MAT 210 Brief Calculus (MATH) OR **MAT 265 Calculus for Engineers I (MATH)**	C	3

Students interested in a STEM career field or graduate school should enroll in MAT 265.

PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**	C	4
PSY 101 Introduction to Psychology (SOBE)	C	3
STP 226 Elements of Statistics (QTRS)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to complete any needed university electives from the Making and Leadership Elective Lists to further develop their resume and professional skills.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Transborder Chicana/o and Latina/o Studies, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: The College of Liberal Arts and Sciences
Plan Code: LATCLBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Major Requirements

A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the class search.

Core Requirements

TCL 101 Latinas/os in the U.S. (HUAD)	C	3
TCL 201 Transborder Society and Culture I: Interdisciplinary Approaches (HUAD) OR **TCL 202 Transborder Society and Culture II: Contemporary Issues** OR **TCL 220 Transborder Latina/o Expressive Culture (HUAD)** OR **TCL 230 The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective** OR **ASB 220 The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective**	C	3

Requirement	Minimum Grade	Credit Hours
TCL 303 Transborder Theory OR SOC 303 Transborder Theory	C	3
TCL 304 Transborder Research Methods	C	3
TCL 305 Transborder Practicum and Field Research OR TCL 498 Pro-Seminar	C	3

Border Studies Track Courses

Border Studies

TCL 201 Transborder Society and Culture I: Interdisciplinary Approaches (HUAD) TCL 202 Transborder Society and Culture II: Contemporary Issues TCL 310 Folklore of the Southwest TCL 331 / HST 331 Mexican American History to 1900 TCL 332 / HST 332 Mexican American History Since 1900 (GCSI) TCL 348 / ASB 348 / ENG 348 The Borders of Language (SOBE) TCL 422 U.S.-Mexico Border Health TCL 443 / ASB 463 / SOS 463 Political Ecology of the Border TCL 444 / ASB 464 The Ethnography of Mexico and the Borderlands	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division Border Studies		
TCL 310 Folklore of the Southwest		
TCL 331 / HST 331 Mexican American History to 1900		
TCL 332 / HST 332 Mexican American History Since 1900 (GCSI)		
TCL 348 / ASB 348 / ENG 348 The Borders of Language (SOBE)	C	3
TCL 422 U.S.-Mexico Border Health		
TCL 443 / ASB 463 / SOS 463 Political Ecology of the Border		
TCL 444 / ASB 464 The Ethnography of Mexico and the Borderlands		

Chicana/o and Latina/o Communities in the U.S. Track Courses

Chicana/o and Latina/o Communities in the U.S.	C	6
TCL 111 Latinx Cultural Studies (HUAD)		
TCL 210 / AFR 212 / APA 210 / JUS 210 Introduction to Ethnic Studies in the U.S. (SOBE)		
TCL 211 Latinx Poetics		
TCL 220 Transborder Latina/o Expressive Culture (HUAD)		
TCL 230 / ASB 220 The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective		

Requirement	Minimum Grade	Credit Hours
TCL 314 / SOC 314 Transborder Latin American Migration to the U.S. (SOBE)		
TCL 315 Latinx Family Structures		
TCL 323 Latina/o Health Issues (SOBE)		
TCL 326 Health of Chicanas and Latinas		
TCL 327 Health and Migration (SOBE)		
TCL 335 / AFR 335 / HST 323 Historical Studies in Race, Crime, and the Law		
TCL 340 Chicana/o and Latina/o Politics and Policy		
TCL 341 Latinas/os and the City		
TCL 342 / SOC 343 Race, Ethnicity, Latinos and the Changing Demographics of the United States (QTRS)		
TCL 343 / ASB 343 / PUP 343 / SOS 343 Latinas/os and the Environment		
TCL 352 / FMS 352 Chicana/o Film		
TCL 360 / AFR 350 / APA 350 / CDE 350 / JUS 365 / SOC 350 Inequality and Diversity in Education (CIVI)		
TCL 362 / COM 362 Urban Communication: Reinventing the Latinx City		
TCL 363 / ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America (HUAD)		
TCL 373 / WST 373 Latina/Chicana Issues		
TCL 377 / JUS 377 / POS 377 / SGS 377 Arizona,		

Requirement	Minimum Grade	Credit Hours
Immigration, Latinos and Politics		
TCL 410 / SOC 410 Race, Medicine, and the Body		
TCL 447 / SGS 454 / SOS 447 / WST 447 Gender, Culture, and Development (GCSI)		
TCL 464 / ENG 458 / FMS 464 Latina/o Literature		
TCL 471 / FMS 471 Latinos In Hollywood (HUAD)		
TCL 485 Chicana and Latina Writers (HUAD)		

Language Requirement Track Course

Language Requirement		
300-Level SPA Elective		
400-Level SPA Elective		
TCL 275 / ASB 275 Culture, Language and Learning	C	3
TCL 348 / ASB 348 / ENG 348 The Borders of Language (SOBE)		
TCL 371 / ASB 371 / HST 371 / SPA 371 / SLC 371 Language Hegemony and Culture		

Research/Project/Service Learning Track Courses

Upper Division Research/Project/Service Learning	C	6
TCL 305 Transborder Practicum and Field Research		

Requirement	Minimum Grade	Credit Hours
TCL 321 / SOC 320 Transborder Community Development and Health		
TCL 355 / FMP 355 Transborder Digital Media Making		
TCL 484 Internship		
TCL 490 / WST 490 Transborder Queer Performativity		
TCL 492 Honors Directed Study		
TCL 493 Honors Thesis		
TCL 498 Pro-Seminar		
TCL 499 Individualized Instruction		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Second Language Requirement: All students pursuing a BA degree in The College of Liberal Arts and Sciences must demonstrate proficiency in a second language. Proficiency is demonstrated by completion of a language course at the intermediate level (202 or equivalent) or higher, having 202 or its equivalent as a prerequisite.	C	16

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
LIA 101 Student Success in The College of Liberal Arts and Sciences **OR** **ASU 101-LA The ASU Experience** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Please go to: https://silc.asu.edu/student-life/academic-advising/language-testing

Discover ASU Career Services, search for internships, attend career fairs, workshops, and related events: https://career.asu.edu/

Explore opportunities to study abroad: https://goglobal.asu.edu/

Interested in applying to law school? Check out the pre-law advising page: https://prelaw.asu.edu/

Join a student club or professional organization: https://eoss.asu.edu/clubs

Secure a part-time job on campus: https://students.asu.edu/employment

Thinking about graduate school? Consider registering for a grad school test prep course: https://www.princetonreview.com/partner/asu

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Urban Planning, BSP

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Planning, BSP
College/School: The College of Liberal Arts and Sciences
Plan Code: ARPUPBSP
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
A minimum of 12 upper-division credit hours used toward the major requirements must be taken from The College of Liberal Arts and Sciences. When selecting courses, the college offering the course can be identified by viewing the course details in the Class Search.		
GIS 205 Geographic Information Science I (QTRS)	C	3
GIS 270 Statistics for Geography and Planning	C	3
PUP 190 Sustainable Cities (SUST)	C	3
PUP 301 Introduction to Urban Planning	C	3
PUP 424 Planning Methods	C	4
Upper Division **GIS Elective** OR Upper Division **PUP Elective**	C	3
Upper Division **PUP Elective** OR **PUP 484 Internship**	C	6

Requirement	Minimum Grade	Credit Hours
Upper Division **PUP Elective**	C	3
GIS Elective OR **PUP Elective**	C	3
Limit of six total hours of Internship (484), Thesis (493), Individualized Instruction (499), or Directed Study (492) can be applied to the major.		

The College Requirements

Mathematics Proficiency Requirement: All students are required to obtain a grade of "C" or higher in any course that satisfies the ASU General Studies MATH requirement.		
Mathematics (MATH) Recommended: **MAT 114**	C	3
Science and Society Requirement: All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at https://thecollege.asu.edu/student-resources/science-society. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.		
Science and Society Elective	C	3
Upper Division Science and Society Elective	C	3

Additional Requirements

BSP Urban Planning Major Related

ALA Elective		
ASB Elective		
GCU Elective		
GIS Elective		
GPH Elective	C	9
PUP Elective		
SGS Elective		
SOC Elective		
SOS Elective		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-LA The ASU Experience **OR** **LIA 101 Student Success in The College of Liberal Arts and Sciences** Students enrolled in a campus immersion degree enroll in LIA 101. Students enrolled in an online degree enroll in ASU 101-LA.		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Campus immersion students are recommended to take GPH 191 to fulfill one credit hour of electives.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Health Entrepreneurship and Innovation), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUHCIBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Statistics **ABS 350 Applied Statistics (QTRS)** **or** **HCD 300 Biostatistics (QTRS)** **or** **PAF 301 Applied Statistics (QTRS)** **or** **SOC 390 Social Statistics I (QTRS)** **or** **STP 226 Elements of Statistics (QTRS)** **or** **STP 231 Statistics for Life Science (QTRS)** **or** **SWU 321 Statistics for Social Workers (QTRS)** **AND** Quantitative Reasoning (QTRS)	C	3
Ethics **HCR 210 Ethics for the Health Care Professional (HUAD)** **or** **IAS 340 Bioethics (HUAD)** **or** **MED 320 Applied Medical/Health Care Ethics (HUAD)** **or** **OGL 345 Organizational Ethics (HUAD)** **or** **PHI 320 Bioethics (HUAD)** **or** **PHI 360 Business and Professional Ethics (HUAD)** **AND** Humanities, Arts and Design (HUAD)	C	3
Leadership	C	3

Requirement	Minimum Grade	Credit Hours
OGL 343 Social Processes in Organizations (SOBE) or **OGL 350 Diversity and Organizations (GCSI)** or **OGL 355 Leading Organizational Innovation and Change** or **PAF 311 Leadership and Change (SOBE)** or **PAF 410 Building Leadership Skills (SOBE)** or **PAF 420 Managing Across Boundaries**		
HCI 311 Health Innovation: Foundational Concepts	C	3
HCI 313 Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	C	3
HCI 344 Management and Leadership in Health Organizations	C	3
HCI 412 Transforming Health Care: A Systems Perspective for Innovation	C	3
HCI 421 Health Care Policy: The Innovator's View (CIVI)	C	3
HCI 425 Facilitating Innovation to Achieve Outcomes	C	3
HCI 428 Technology: A Tool to Advance Innovation in Health Care	C	3
Upper Division **HCI Elective** OR Upper Division **HCR Elective**	C	9

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses

must complete them at ASU to earn the BAS degree.	
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.	
AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Community Health, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUCHLTBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Community Health Major Requirements		
HCR 231 Fundamentals of Community Health	C	3
HCR 303 Assessing Needs, Assets and Capacity for Health Education	C	3
HCR 331 Communication within Communities	C	3
HCR 335 Program Development and Management for Community Health	C	3
HCR 336 Environmental Community Health	C	3
HCR 430 Foundation to Health Care Systems	C	3
HCR 435 Leaders in Community Health	C	3
Capstone		
HCR 439 Community Health Capstone Students should enroll in their capstone course during their final semester at ASU (excluding summer). HCR 439 is offered only in the fall and spring semesters.	C	3

Foundation Courses

CDE 232 Human Development (SOBE) OR **PSY 341 Developmental Psychology (SOBE)**	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

Math / Statistics

Mathematics (MATH)	C	3
Statistics	C	3

STP 226 is the recommended course to meet the statistics requirement. Any statistics course will fulfill the requirement if the course also meets the QTRS general studies designation.

- **ABS 350 Applied Statistics (QTRS)**
- **HCD 300 Biostatistics (QTRS)**
- **PAF 301 Applied Statistics (QTRS)**
- **SBS 304 Social Statistics I (QTRS)**
- **SOC 390 Social Statistics I (QTRS)**
- **STP 226 Elements of Statistics (QTRS)**
- **STP 231 Statistics for Life Science (QTRS)**
- **SWU 321 Statistics for Social Workers (QTRS)**

AND Quantitative Reasoning (QTRS)		
Students with general studies completed through an AA, AGEC, IGETC, or completion of a bachelor's degree, should consult with their advisor on the math and statistics requirements prior to enrolling in courses.		

Science Courses

CHM 101 Introductory Chemistry (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
HCR 240 Human Pathophysiology	C	4

Health Programs Core

HCR 210 Ethics for the Health Care Professional (HUAD)	C	3
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
HCR 301 Research Methods for the Health Care Professional	C	3
HCR 400 Evidence-Based Practice for the Health Care Professional	C	3
HCR 406 Health Literacy for Health Care Professionals	C	3

Health Innovation

HCI 311 Health Innovation: Foundational Concepts	C	3
HCI 344 Management and Leadership in Health Organizations	C	3
HCI 428 Technology: A Tool to Advance Innovation in Health Care	C	3

Health Theory

CHS 340 Health Theory	C	3

Internship or Experiential Learning

Experiential Learning	Y	1

- HCI 484 Internship
- HCI 493 Honors Thesis
- HCR 280 Team-Based Research Practicum
- HCR 480 Advanced Team-Based Research Practicum
- HCR 484 Internship
- HCR 493 Honors Thesis
- HCR 494 Topic: Refugee Health Education
- HCR 498 Topic: AmeriCorps Healthy Kids Active Garden Education
- NUR 493 Honors Thesis

Students completing the community health program must complete an internship or experiential learning requirement. The list provided includes courses that are most relevant to the community health program. Please meet with your assigned advisor to discuss additional options.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Health Care Compliance and Regulations, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUHCCRBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Health Care Compliance and Regulations Major Requirements		
HCR 259 Compliance and the Health Care Industry	C	4
HCR 262 Health Care Licensure, Professional Development and Practice	C	3
HCR 263 Introduction to Medical Billing and Compliance	C	3
HCR 264 Regulatory Essentials of Compliance Program Design	C	3
HCR 265 Health Care Compliance Essentials	C	3
HCR 350 Introduction to Clinical Research	C	3
HCR 360 Data Security and Privacy in Health Care Compliance	C	3
HCR 361 Risk Management in Health Care Compliance	C	3
HCR 362 Monitoring and Auditing for Health Care Compliance	C	3

Requirement	Minimum Grade	Credit Hours
HCR 460 Investigations and Disclosures in Health Care Compliance	C	3
HCR 461 Corrective and Preventive Action Plans	C	3

Capstone

HCR 463 Capstone Project Health Care Compliance Students should enroll in their capstone course during their final semester at ASU (excluding summer). HCR 463 is offered only in the fall and spring semesters.	C	4

Health Care Compliance and Regulations Foundational Courses

ACC 231 Uses of Accounting Information I	C	3
BMI 201 Introduction to Clinical Informatics	C	3
CIS 105 Computer Applications and Information Technology (QTRS)	C	3
Communications **COM 225 Public Speaking and Presentations (CIVI)** **COM 230 Teamwork and Collaboration (SOBE)** **COM 259 Communication in Business and the Professions (CIVI)**	C	3
OMT 343 Occupational Safety and Ergonomics	C	3
PMG 240 Introduction to Project Management	C	3

LES 305 Business Law and Ethics for Managers	C	3
PAF 311 Leadership and Change (SOBE) OR **PAF 410 Building Leadership Skills (SOBE)**	C	3
Upper Division Writing **ENG 301 Writing for the Professions** **TWC 347 Written Communication for Managers** **TWC 362 Writing in Health Professions** **TWC 446 Technical and Scientific Reports**	C	3

Math/Statistics

Mathematics (MATH)	C	3
Statistics STP 226 is the recommended course to meet the statistics requirement. Any statistics course will fulfill the requirement if the course also meets the QTRS general studies designation. **ABS 350 Applied Statistics (QTRS)** **HCD 300 Biostatistics (QTRS)** **PAF 301 Applied Statistics (QTRS)** **SBS 304 Social Statistics I (QTRS)** **SOC 390 Social Statistics I (QTRS)** **STP 226 Elements of Statistics (QTRS)** **STP 231 Statistics for Life Science (QTRS)**	C	3

SWU 321 Statistics for Social Workers (QTRS)		

Health Programs Core

HCR 210 Ethics for the Health Care Professional (HUAD)	C	3
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
HCR 430 Foundation to Health Care Systems	C	3

Internship or Experiential Learning

Experiential Learning	Y	1
HCI 484 Internship		
HCI 493 Honors Thesis		
HCR 280 Team-Based Research Practicum		
HCR 480 Advanced Team-Based Research Practicum		
HCR 484 Internship		
HCR 493 Honors Thesis		
HCR 494 Special Topics		
HCR 498 Pro-Seminar		
NUR 493 Honors Thesis		

Students completing the health care compliance and regulation program must complete an internship or experiential learning requirement. The list provided includes courses that are most

relevant to the health care compliance and regulation program. Please meet with your assigned advisor to discuss additional options.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Health Care Coordination, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUHCCOBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Health Care Coordination Major Requirements		
HCR 221 Foundational Concepts for Health Care Coordination	C	3
HCR 303 Assessing Needs, Assets and Capacity for Health Education	C	3
HCR 302 Social Determinants of Health	C	3
HCR 321 Advanced Concepts for Health Care Coordination	C	3
HCR 420 Professional Role Development: Health Care Coordination	C	3
HCR 422 Policy and Financial Principles in Health Care Coordination	C	3
HCR 430 Foundation to Health Care Systems	C	3
Capstone		
HCR 426 Health Care Coordination Capstone	C	3

Requirement	Minimum Grade	Credit Hours
Students should enroll in their capstone course during their final semester at ASU (excluding summer). HCR 426 is offered only in the fall and spring semesters.		

Health Care Coordination: Foundational Courses

BIO 160 Introduction to Anatomy and Physiology (SCIT) OR **BIO 201 Human Anatomy and Physiology I (SCIT)**	C	4
CDE 232 Human Development (SOBE) OR **PSY 341 Developmental Psychology (SOBE)**	C	3
HCR 259 Compliance and the Health Care Industry	C	4
HCR 263 Introduction to Medical Billing and Compliance	C	3
NTR 100 Introduction to Nutrition Science OR **NTR 241 Human Nutrition**	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

Math/Statistics

Mathematics (MATH)	C	3
Statistics STP 226 is the recommended course to meet the statistics requirement. Any statistics course will fulfill the requirement if the course also meets the QTRS general studies designation. **ABS 350 Applied Statistics (QTRS)**	C	3

HCD 300 Biostatistics (QTRS)
PAF 301 Applied Statistics (QTRS)
SBS 304 Social Statistics I (QTRS)
SOC 390 Social Statistics I (QTRS)
STP 226 Elements of Statistics (QTRS)
STP 231 Statistics for Life Science (QTRS)
SWU 321 Statistics for Social Workers (QTRS)

AND Quantitative Reasoning (QTRS)

Students with general studies completed through an AA, AGEC, IGETC, or completion of a bachelor's degree, should consult with their advisor on the math and statistics requirements prior to enrolling in courses.

Health Programs Core

HCR 210 Ethics for the Health Care Professional (HUAD)	C	3
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
HCR 301 Research Methods for the Health Care Professional	C	3
HCR 400 Evidence-Based Practice for the Health Care Professional	C	3
HCR 406 Health Literacy for Health Care Professionals	C	3

Health Innovation

HCI 311 Health Innovation: Foundational Concepts	C	3
HCI 344 Management and Leadership in Health Organizations	C	3
HCI 421 Health Care Policy: The Innovator's View (CIVI)	C	3
HCI 428 Technology: A Tool to Advance Innovation in Health Care	C	3

Students completing 15 credits of HCI (health innovation) courses will meet the requirements for a health innovation minor.

Interneriential Learningship or Exp

Experiential Learning	Y	1

- **HCI 484 Internship**
- **HCI 493 Honors Thesis**
- **HCR 280 Team-Based Research Practicum**
- **HCR 480 Advanced Team-Based Research Practicum**
- **HCR 484 Internship**
- **HCR 493 Honors Thesis**
- **HCR 494 Topic: Refugee Health Education**
- **HCR 498 Topic: AmeriCorps Healthy Kids Active Garden Education**
- **NUR 493 Honors Thesis**

Students completing the health care coordination program must complete an internship or experiential learning requirement. The list provided includes courses that are most relevant to the health care coordination program. Please meet with your assigned advisor to discuss additional options.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

Explore engagement opportunities in the Edson College of Nursing and Health Innovation: https://nursingandhealth.asu.edu/student-life

Explore study abroad opportunities: https://goglobal.asu.edu/

Academic advising is an important component of academic success and degree completion. Our advising team can assist you in selecting courses that meet your graduation requirements, as well as help you identify pathways to reach your academic goals. Visit https://nursingandhealth.asu.edu/students/advising

Students completing 15 credits of HCI (health innovation) courses will meet the requirements for a health innovation minor.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Health Entrepreneurship and Innovation, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUHCIBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Health Entrepreneurship and Innovation Major Courses		
HCI 150 Introduction to Health Innovation	C	3
HCI 201 Innovations for Sustainable Health Care	C	3
HCI 250 Health Entrepreneurship and Value Creation	C	3
HCI 311 Health Innovation: Foundational Concepts	C	3
HCI 313 Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	C	3
HCI 344 Management and Leadership in Health Organizations	C	3
HCI 412 Transforming Health Care: A Systems Perspective for Innovation	C	3
HCI 421 Health Care Policy: The Innovator's View (CIVI)	C	3
HCI 425 Facilitating Innovation to Achieve Outcomes	C	3

Requirement	Minimum Grade	Credit Hours
HCI 428 Technology: A Tool to Advance Innovation in Health Care	C	3
Math/Statistics		
Mathematics (MATH)	C	3
Statistics STP 226 is the recommended course to meet the statistics requirement. Any statistics course will fulfill the requirement if the course also meets the QTRS general studies designation. **ABS 350 Applied Statistics (QTRS)** **HCD 300 Biostatistics (QTRS)** **PAF 301 Applied Statistics (QTRS)** **SBS 304 Social Statistics I (QTRS)** **SOC 390 Social Statistics I (QTRS)** **STP 226 Elements of Statistics (QTRS)** **STP 231 Statistics for Life Science (QTRS)** **SWU 321 Statistics for Social Workers (QTRS)**	C	3
AND Quantitative Reasoning (QTRS)		

Students with general studies completed through an AA, AGEC, IGETC, or completion of a bachelor's degree, should consult with their advisor on the math and statistics requirements prior to enrolling in courses.

Health Programs Core

Ethics

HCR 210 Ethics for the Health Care Professional (HUAD) **IAS 340 Bioethics (HUAD)** **MED 320 Applied Medical/Health Care Ethics (HUAD)** **OGL 345 Organizational Ethics (HUAD)** **PHI 320 Bioethics (HUAD)** **PHI 360 Business and Professional Ethics (HUAD)** HCR 210 is the recommended course.	C	3

AND Humanities, Arts and Design (HUAD)

HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
HCR 301 Research Methods for the Health Care Professional	C	3
HCR 400 Evidence-Based Practice for the Health Care Professional	C	3
HCR 406 Health Literacy for Health Care Professionals	C	3

Related Area

Communication	C	3

COM 225 is the recommended course.

COM 100 Introduction to Human Communication (SOBE)

COM 110 Elements of Interpersonal Communication (SOBE)

COM 225 Public Speaking and Presentations (CIVI)

COM 230 Teamwork and Collaboration (SOBE)

COM 250 Communication and the Workplace (SOBE)

COM 259 Communication in Business and the Professions (CIVI)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

An HCI 484 internship is optional for this degree program. Please visit https://nursingandhealth.asu.edu/students/internships for more information about internships.

Career preparation resources are available through Career Services. For more information, visit: https://career.asu.edu/.

Explore engagement opportunities in the Edson College of Nursing and Health Innovation: https://nursingandhealth.asu.edu/student-life

Explore study abroad opportunities: https://goglobal.asu.edu/

Academic advising is an important component of academic success and degree completion. Our advising team can assist you in selecting courses that meet your graduation requirements, as well as help you identify pathways to reach your academic goals. Visit https://nursingandhealth.asu.edu/students/advising

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Integrative Health, BS - Nursing & Gen Health Interest

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUIHLTBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Integrative Health Major Courses		
HCR 241 Foundations of Integrative Health	C	3
HCR 341 Biological, Manipulative, and Body-Based Therapies	C	3
HCR 342 Mind-Body and Energy Therapies and Modalities	C	3
HCR 343 Historical and Cultural Foundations of Integrative Health Care	C	3
HCR 440 Interprofessional Approaches to Integrative Health Care	C	3
HCR 441 Legal and Ethical Issues Impacting Integrative Health Care	C	3
Capstone Course		
HCR 449 Integrative Health Care Capstone Students should enroll in their capstone course during their final semester at ASU (excluding summer). HCR 449 is offered	C	3

Requirement	Minimum Grade	Credit Hours
only in the fall and spring semesters.		

Foundation Courses

CDE 232 Human Development (SOBE) OR **PSY 341 Developmental Psychology (SOBE)**	C	3
COM 225 Public Speaking and Presentations (CIVI)	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3

Math/Statistics Courses

Mathematics (MATH)	C	3
Statistics Courses STP 226 is the recommended course to meet the statistics requirement. Any statistics course will fulfill the requirement if the course also meets the QTRS general studies designation. **ABS 350 Applied Statistics (QTRS)** **HCD 300 Biostatistics (QTRS)** **PAF 301 Applied Statistics (QTRS)** **SBS 304 Social Statistics I (QTRS)** **SOC 390 Social Statistics I (QTRS)** **STP 226 Elements of Statistics (QTRS)**	C	3

STP 231 Statistics for Life Science (QTRS) **SWU 321 Statistics for Social Workers (QTRS)** **AND** Quantitative Reasoning (QTRS)		

Students with general studies completed through an AA, AGEC, IGETC, or completion of a bachelor's degree, should consult with their advisor on the math and statistics requirements prior to enrolling in courses.

Science Courses

CHM 101 Introductory Chemistry (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	3
HCR 240 Human Pathophysiology	C	4

Health Programs Core Courses

HCR 210 Ethics for the Health Care Professional (HUAD)	C	3
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
HCR 301 Research Methods for the Health Care Professional	C	3

HCR 400 Evidence-Based Practice for the Health Care Professional	C	3
HCR 406 Health Literacy for Health Care Professionals	C	3

Health Innovation Courses

HCI 311 Health Innovation: Foundational Concepts	C	3
HCI 428 Technology: A Tool to Advance Innovation in Health Care	C	3

Internship or Experiential Learning Courses

Experiential Learning Courses	Y	1

- HCI 484 Internship
- HCI 493 Honors Thesis
- HCR 280 Team-Based Research Practicum
- HCR 480 Advanced Team-Based Research Practicum
- HCR 484 Internship
- HCR 493 Honors Thesis
- HCR 494 Topic: Refugee Health Education
- HCR 498 Topic: AmeriCorps Healthy Kids Active Garden Education
- NUR 493 Honors Thesis

Students completing the integrative health program must complete an internship or experiential learning requirement. The list provided includes courses that are most relevant to the

integrative health program. Please meet with your assigned advisor to discuss additional options.

Related Courses

HCR 303 Assessing Needs, Assets and Capacity for Health Education	C	3
PMG 240 Introduction to Project Management	C	3
Stress Management Courses **SWU 250 Stress Management Tools I (SOBE)** **SWU 349 Stress Management Tools II (SOBE)** **SWU 350 Whole Person Health Across the Lifespan (SOBE)** **HCR 294 Topic: Fndns of Mindfulness and Resilience: Sci/Practice** **HCR 394 Topic: Org. Mindfulness Leadership Success in Workplace**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.

The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.

The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Integrative Health, BS - Pre Health Grad School Track

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUIHLTBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Integrative Health Major Courses		
HCR 241 Foundations of Integrative Health	C	3
HCR 341 Biological, Manipulative, and Body-Based Therapies	C	3
HCR 342 Mind-Body and Energy Therapies and Modalities	C	3
HCR 343 Historical and Cultural Foundations of Integrative Health Care	C	3
HCR 440 Interprofessional Approaches to Integrative Health Care	C	3
HCR 441 Legal and Ethical Issues Impacting Integrative Health Care	C	3
Capstone Course		
HCR 449 Integrative Health Care Capstone Students should enroll in their capstone course during their final semester at ASU (excluding summer). HCR 449 is offered	C	3

Requirement	Minimum Grade	Credit Hours
only in the fall and spring semesters.		

Math/Statistics Courses

MAT 251 Calculus for Life Sciences (MATH)	C	3
Statistics Courses **ABS 350 Applied Statistics (QTRS)** **HCD 300 Biostatistics (QTRS)** **PAF 301 Applied Statistics (QTRS)** **SBS 304 Social Statistics I (QTRS)** **SOC 390 Social Statistics I (QTRS)** **STP 226 Elements of Statistics (QTRS)** **STP 231 Statistics for Life Science (QTRS)** **SWU 321 Statistics for Social Workers (QTRS)**	C	3
AND Quantitative Reasoning (QTRS)		

Science Courses

BCH 361 Advanced Principles of Biochemistry	C	3
BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4

BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
BIO 340 General Genetics	C	4
BIO 353 Cell Biology	C	3
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I	C	4
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II	C	4

ASU Online students will complete all experiments for the Organic Chemistry labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. Learn more about summer financial aid and additional ways to cover summer costs.

PHY 111 General Physics (SCIT) AND PHY 113 General Physics Laboratory (SCIT)	C	4
PHY 112 General Physics (SCIT) AND PHY 114 General Physics Laboratory (SCIT)	C	4

Health Programs Core Courses

HCR 210 Ethics for the Health Care Professional (HUAD)	C	3
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
HCR 301 Research Methods for the Health Care Professional	C	3
HCR 400 Evidence-Based Practice for the Health Care Professional	C	3

Health Innovation Courses

HCI 311 Health Innovation: Foundational Concepts	C	3
HCI 428 Technology: A Tool to Advance Innovation in Health Care	C	3

Related Courses

HCR 303 Assessing Needs, Assets and Capacity for Health Education	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
Upper Division Humanities and Science Course		3

> ASB 301 Global History of Health (HUAD)
>
> BIO 312 Bioethics (HUAD)
>
> BIO 318 History of Medicine (HUAD)
>
> DCE 305 Dance, Health and Wellness (HUAD)
>
> HPS 314 Philosophy of Science (HUAD)

HPS 331 History of Medicine (HUAD)

HST 312 History of Women in Science and Medicine (HUAD)

IAS 340 Bioethics (HUAD)

MED 320 Applied Medical/Health Care Ethics (HUAD)

OGL 345 Organizational Ethics (HUAD)

PHI 314 Philosophy of Science (HUAD)

PHI 320 Bioethics (HUAD)

PHI 326 Philosophy of Happiness (HUAD)

PHI 360 Business and Professional Ethics (HUAD)

PHI 370 Sports Ethics (HUAD)

SSH 301 Global History of Health (HUAD)

AND Upper Division Humanities, Arts and Design (HUAD)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition	C	6
OR ENG 105 Advanced First-Year Composition		

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.

The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.

The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Nursing, BSN - RN to BSN Path conf by OTP

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Nursing, BSN
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUNURDBSN
Minimum credit hours: 120
Upper division minimum credit hours: 42

Requirement	Minimum Grade	Credit Hours
Major Courses		
NUR 318 Nursing Research and Evidence Translation (SOBE)	C	4
NUR 391 Professional Nursing Theory	C	4
NUR 392 Health Promotion Across the Life Span	C	4
NUR 440 Community and Public Health Nursing in the United States	C	4
NUR 444 Innovation in Nursing	C	4
NUR 445 Nursing Management in Health Care	C	4
NUR 460 The Art of Nursing (HUAD)	C	4
NUR 464 Capstone: The Synthesis of Professional Nursing	C	4
NUR 495 Public and Global Health in Nursing (GCSI)	C	4
Math and Statistics Requirements		

Requirement	Minimum Grade	Credit Hours
Mathematics (MATH) Students without a MATH transfer course must complete MATH prior to statistics.	C	
Statistics **ABS 350 Applied Statistics (QTRS)** **HCD 300 Biostatistics (QTRS)** **PAF 301 Applied Statistics (QTRS)** **SBS 304 Social Statistics I (QTRS)** **SOC 390 Social Statistics I (QTRS)** **STP 226 Elements of Statistics (QTRS)** **STP 231 Statistics for Life Science (QTRS)** **SWU 321 Statistics for Social Workers (QTRS)** Students who select a lower-division statistics course will need additional upper-division elective hours to meet the 45 minimum required to graduate.	C	3
Transfer Degree Block of Credit Hours		75
Students who have not met all ASU general studies and first-year composition requirements with their trasfer courses must complete them at ASU to earn the BSN degree.		
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.		

RN program, accredited by ACEN or CCNE, must be completed prior to ASU degree conferral.

Students with an RN program completed must have an active and unencumbered RN license.

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Nursing, BSN - Accelerated BSN

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Nursing, BSN
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUNURDBSN
Minimum credit hours: 120
Upper division minimum credit hours: 50

Requirement	Minimum Grade	Credit Hours
Accelerated Prelicensure Term 1		
NUR 310 Health and Illness Concepts: Beginning	C	4
NUR 320 Clinical Practice: Beginning	Y	3
NUR 330 Professional Nurse Attributes (HUAD)	C	3
NUR 331 Experiential Learning: Beginning	C	4
NUR 400 Concept Integration Across the Lifespan: Beginning	C	3
Accelerated Prelicensure Term 2		
NUR 315 Nursing Research and Application to Practice	C	3
NUR 321 Clinical Practice: Developing	Y	3
NUR 327 Health and Illness Concepts: Developing	C	4
NUR 332 Experiential Learning: Developing	C	4

Requirement	Minimum Grade	Credit Hours
NUR 401 Concept Integration Across the Lifespan: Developing	C	3

Accelerated Prelicensure Term 3

NUR 322 Clinical Practice: Accomplished	Y	4
NUR 328 Concepts of Health and Illness: Accomplished	C	4
NUR 333 Experiential Learning: Accomplished	C	2
NUR 350 Professional Nurse Attributes: Accomplished	C	3
NUR 402 Concept Integration Across the Lifespan: Accomplished	C	3

Students must be placed in the Accelerated Clinical Nursing Program by Edson College Student Services after completion of all prerequisite coursework and available clinical space through an advancement process. In addition to the application to ASU, there is a separate advancement process to be selected for placement. Priority consideration is given to students with a completed bachelor's degree in another area.

Nursing: Foundation Prerequisite Courses

CDE 232 Human Development (SOBE)	C	3

OR **PSY 341 Developmental Psychology (SOBE)**		
HCR 210 Ethics for the Health Care Professional (HUAD)	C	3
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
Mathematics (MATH)	C	3
Statistics STP 226 is the recommended course to meet the statistics requirement. Any statistics course will fulfill the requirement if the course also meets the QTRS general studies designation. **ABS 350 Applied Statistics (QTRS)** **HCD 300 Biostatistics (QTRS)** **PAF 301 Applied Statistics (QTRS)** **SBS 304 Social Statistics I (QTRS)** **SOC 390 Social Statistics I (QTRS)** **STP 226 Elements of Statistics (QTRS)** **STP 231 Statistics for Life Science (QTRS)** **SWU 321 Statistics for Social Workers (QTRS)**	C	3
AND Quantitative Reasoning (QTRS)		

Nursing: Science Prerequisite Courses

CHM 101 Introductory Chemistry (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
HCR 240 Human Pathophysiology	C	4

Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill lower-division General Studies and composition requirements. Certification of completed general studies may include completion of general education package (ex: AGEC, CSUGE, IGETC); an associate of arts degree or bachelor's degree; or comparable as documented on an official transcript. These students are still required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Licensure / Certification Direct Disclosure Statement

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Certification and licensure requirements vary by profession and from state-to-state, students should review professional

licensure information at ASU Professional Licensure to determine if a program meets educational requirements for licensure or certification in a specific state. State licensing contact information is available on the website: https://admission.asu.edu/academics/licensure.

Advancement to the Prelicensure Clinical Nursing Program

Priority consideration is given to students with a completed bachelor's degree in another area.

Prospective students should consult with the Edson College of Nursing and Health Innovation student academic services for the advancement requirements, including prerequisites, TEAS requirement, and immunization/background requirements.

Students should view the Accelerated BSN Prelicensure Clinical Nursing Program Information Session.

Advancement into the prelicensure clinical nursing programs at Arizona State University requires an application. Application deadlines are September 1 for spring and February 1 for summer and fall.

Students must meet all health and safety requirements at the time of advancement and must maintain compliance on all health and safety requirements throughout their enrollment in the program.

An Arizona IVP Fingerprint Clearance Card is required for advancement.

A valid American Heart Association Basic Life Support (BLS) for Healthcare Providers certificate is required for advancement.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Nursing, BSN - RN/BSN

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Nursing, BSN
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUNURDBSN
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
NUR 318 Nursing Research and Evidence Translation (SOBE)	C	4
NUR 391 Professional Nursing Theory	C	4
NUR 392 Health Promotion Across the Life Span	C	4
NUR 440 Community and Public Health Nursing in the United States	C	4
NUR 444 Innovation in Nursing	C	4
NUR 445 Nursing Management in Health Care	C	4
NUR 460 The Art of Nursing (HUAD)	C	4
NUR 464 Capstone: The Synthesis of Professional Nursing	C	4
NUR 495 Public and Global Health in Nursing (GCSI)	C	4
Math and Statistics Requirement		

Requirement	Minimum Grade	Credit Hours
Mathematics (MATH)	C	3
Statistics **ABS 350 Applied Statistics (QTRS)** **HCD 300 Biostatistics (QTRS)** **PAF 301 Applied Statistics (QTRS)** **SBS 304 Social Statistics I (QTRS)** **SOC 390 Social Statistics I (QTRS)** **STP 226 Elements of Statistics (QTRS)** **STP 231 Statistics for Life Science (QTRS)** **SWU 321 Statistics for Social Workers (QTRS)**	C	3
AND Quantitative Reasoning (QTRS)		
Students must have an active and unencumbered RN license.		
RN program, accredited by ACEN or CCNE, must be completed prior to ASU degree conferral.		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Nursing, BSN - Traditional BSN

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science in Nursing, BSN
College/School: Edson College of Nursing and Health Innovation
Plan Code: NUNURDBSN
Minimum credit hours: 120
Upper division minimum credit hours: 63

Requirement	Minimum Grade	Credit Hours
Traditional Prelicensure Term 5 (15 credit hours)		
NUR 325 Health and Illness Concepts I	C	3
NUR 330 Professional Nurse Attributes (HUAD)	C	3
NUR 336 Experiential Learning	C	3
NUR 346 Nursing Practice: Geriatric and Adult Health	Y	3
NUR 352 Fundamental Concepts in Nursing	C	3
Students must be approved for advancement into the traditional prelicensure nursing program before enrolling in term 5 courses. Please meet with your advisor to review advancement requirements and timelines.		
Students must successfully complete all traditional prelicensure term 5 courses to proceed to term 6.		
Traditional Prelicensure Term 6 (16 credit hours)		
NUR 315 Nursing Research and Application to Practice	C	3

Requirement	Minimum Grade	Credit Hours
NUR 326 Health and Illness Concepts: Adults and Psychiatric/Mental Health	C	4
NUR 337 Experiential Learning: Intermediate	C	3
NUR 347 Nursing Practice: Psychiatric/Mental Health and Childbearing Family	Y	3
NUR 353 Integration of Concepts Across the Lifespan: Conception to End of Life	C	3

Students must successfully complete all traditional prelicensure term 6 courses to proceed to term 7.

Traditional Prelicensure Term 7 (17 credit hours)

NUR 404 Professional Nurse Concepts: Intermediate	C	2
NUR 425 Health and Illness Concepts: Adults and Pediatrics	C	3
NUR 436 Experiential Learning: Advanced	C	3
NUR 446 Nursing Practice: Pediatrics and Complex Care of Adults	Y	3
NUR 452 Concepts in Population-Based Health	C	3
NUR 458 Community Care and Collaboration	C	3

Students must successfully complete all traditional prelicensure term 7 courses to proceed to term 8.

Traditional Prelicensure Term 8 (15 credit hours)

Requirement	Minimum Grade	Credit Hours
NUR 405 Professional Nurse Concepts: Advanced	C	3
NUR 426 Health and Illness Concepts Advanced	C	3
NUR 437 Experiential Learning: Readiness to Practice	C	3
NUR 448 Nursing Practice Readiness	Y	3
NUR 453 Integration Concepts in the Health Care	C	3

Nursing: Foundation Prerequisite Courses

CDE 232 Human Development (SOBE) OR PSY 341 Developmental Psychology (SOBE)	C	3
HCR 210 Ethics for the Health Care Professional (HUAD)	C	3
HCR 220 Introduction to Health Professions and the U.S. Health Care System (CIVI)	C	3
HCR 230 Culture and Health (GCSI)	C	3
NTR 241 Human Nutrition	C	3
PSY 101 Introduction to Psychology (SOBE)	C	3
Mathematics (MATH)	C	3
STP 226 Elements of Statistics (QTRS)	C	3

Nursing: Science Prerequisite Courses

CHM 101 Introductory Chemistry (SCIT)	C	4

BIO 201 Human Anatomy and Physiology I (SCIT)	C	4
BIO 202 Human Anatomy and Physiology II (SCIT)	C	4
MIC 205 Microbiology (SCIT) **AND** **MIC 206 Microbiology Laboratory (SCIT)**	C	4
HCR 240 Human Pathophysiology	C	4

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-NU The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.	
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.	

Direct Admit Continuing Eligibility Criteria (CEC)

Direct admit students must meet Continuing Eligibility Criteria (CEC) each semester (Terms 1-4) to advance into the prelicensure clinical nursing program. The following criteria will be reviewed each semester: **AND** Full-time enrollment at ASU (minimum 12 credit hours per term) **AND** Enroll in courses following the published course sequence (according to term) on the major map in terms 1-4. Any deviation from the published major map must be approved by petition. **AND** All courses must be completed at ASU unless approved by petition. **AND** 3.50 minimum semester critical (prerequisite) courses GPA in term 1-4 (includes +/- in computation) with no grades lower than a C. Critical courses are marked with symbol on the major map. Electives are not included in the calculation. **AND** Successful completion of all screening items by the established deadlines.

Licensure / Certification Direct Disclosure Statement

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Certification and licensure requirements vary by profession and from state-to-state, students should review professional licensure information at ASU Professional Licensure to determine if a program meets educational requirements for

licensure or certification in a specific state. State licensing contact information is available on the website: https://admission.asu.edu/academics/licensure.

Advancement to the Prelicensure Clinical Nursing Program

Advancement into the prelicensure clinical nursing programs at Arizona State University requires an application. Application deadlines are September 1 for spring and February 1 for summer and fall.

Students must meet all health and safety requirements at the time of advancement and must maintain compliance on all health and safety requirements throughout their enrollment in the program.

An Arizona IVP Fingerprint Clearance Card is required for advancement.

A valid American Heart Association Basic Life Support (BLS) for Healthcare Providers certificate is required for advancement.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Emergency Management), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPEMGBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of three credits of SBL-designated coursework will satisfy this requirement.

BAS Core

PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3

Requirement	Minimum Grade	Credit Hours
PAF 400 Senior Capstone Project PAF 400 satisfies the college's Solution-Based Learning requirement.	C	3
PAF 460 Public Service Ethics	C	3
Upper Division **PAF Elective**		3

BAS Concentration

PAF 261 Hazards and Risk Management	C	3
PAF 360 Emergency Management I	C	3
PAF 362 Biosecurity and Biodefense	C	3
PAF 424 Emergency Management II	C	3
PAF 426 Intelligence Analysis and Homeland Security	C	3
CRJ 412 International Terrorism OR **CRJ 419 Domestic Terrorism**	C	3

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.

Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.

AAS Transfer Degree Block of Credit Hours	60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Community Advocacy and Social Policy, BA

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts, BA
College/School: Watts College of Public Service & Community Solut
Plan Code: PPCASPBA
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Courses		
SWU 171 Introduction to Social Work (SOBE)	C	3
SWU 291 Social Service Delivery Systems	C	3
SWU 302 Human Biology for Social Workers		3
SWU 303 Micro Human Behavior and the Social Environment (SOBE)	C	3
SWU 306 Ethics in Social Services (HUAD)	C	3
SWU 320 Research Methods in Social Work	C	3
SWU 321 Statistics for Social Workers (QTRS)		3
SWU 332 Social Policy and Advocacy (CIVI)	C	3
SWU 340 Macro Human Behavior and the Social Environment (SOBE)	C	3
SWU 350 Whole Person Health Across the Lifespan (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
SWU 374 Diversity and Oppression in a Social Work Context (CIVI)	C	3
SWU 488 Advocacy Strategies	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of SWU 291 will satisfy will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	6
Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Criminology and Criminal Justice	
CRJ Elective	
Area 3: Public Affairs	
PAF Elective	

Area 4: Public Service and Community Solutions

CPP Elective

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Introductory Courses

ECN 211 Macroeconomic Principles (SOBE) OR **SWU 181 Economics: A Social Issues Perspective**	3
PHI 101 Introduction to Philosophy (HUAD) OR **PHI 105 Intro to Ethics (HUAD)** OR **SWU 183 Introductory Ethics: A Social Issues Perspectives (HUAD)**	3
POS 110 American Government and Politics (AMIT) OR **SWU 182 Social Services Perspective of Government (AMIT)**	3
PSY 101 Introduction to Psychology (SOBE) OR **SOC 101 Introductory Sociology (SOBE)**	3

Diversity and Oppressed Populations

These courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the

courses in this sequence. Two courses must be SWU courses; six credits must be upper division.

Diversity and Oppressed Populations 9

- **AFR 210 Introduction to African American Studies (CIVI)**
- **AFR 212 Introduction to Ethnic Studies in the U.S. (SOBE)**
- **AFR 370 Family Ethnic and Cultural Diversity (CIVI)**
- **AFR 375 Race, Gender and Sport (SOBE)**
- **AFR 494 Topic: The African American Rhetorical Tradition**
- **AMS 380 Race, Gender, and Class (SOBE)**
- **APA 200 Introduction to Asian Pacific American Studies (SOBE)**
- **APA 210 Introduction to Ethnic Studies in the U.S. (SOBE)**
- **APA 330 Asian Pacific American Genders and Sexualities (HUAD)**
- **APA 360 Asian Pacific American Experience**
- **ASB 346 Marriage and Family Diversity (SOBE)**
- **CRJ 305 Gender, Crime, and Criminal Justice (SOBE)**
- **ETH 100 Ethnic and Indigenous Lives (GCSI)**
- **FAS 370 Family Ethnic and Cultural Diversity (CIVI)**
- **HRC 200 Introduction to Social and Cultural Analysis (CIVI)**

HST 325 Immigration and Ethnicity in the United States (HUAD)

JUS 210 Introduction to Ethnic Studies in the U.S. (SOBE)

JUS 235 Disability, Justice and Advocacy (CIVI)

JUS 350 Immigration and Justice (SOBE)

MCO 460 Race, Gender, and Media (SOBE)

MUS 410 History of Women in Music (HUAD)

POS 435 Women and Politics (SOBE)

REL 330 Native American Worldviews (HUAD)

SOC 270 Sociology of Race and Ethnicity (CIVI)

SOC 378 Migration and Society

SOC 418 Aging and the Life Course (SOBE)

SWU 180 Introduction to LGBTQ+ Studies (CIVI)

SWU 418 Global Violence Against Women

SWU 457 Southwest Borderland Immigration Issues (CIVI)

SWU 498 Topic: Indigenous Social Policy & Advocacy

WST 270 Global Perspectives on Women

WST 300 Women and Gender in Contemporary Society (SOBE)

Upper Division Diversity and Oppressed Populations

AFR 370 Family Ethnic and Cultural Diversity (CIVI)

- AFR 375 Race, Gender and Sport (SOBE)
- AFR 494 Topic: The African American Rhetorical Tradition
- AMS 380 Race, Gender, and Class (SOBE)
- APA 330 Asian Pacific American Genders and Sexualities (HUAD)
- APA 360 Asian Pacific American Experience
- ASB 346 Marriage and Family Diversity (SOBE)
- CRJ 305 Gender, Crime, and Criminal Justice (SOBE)
- FAS 370 Family Ethnic and Cultural Diversity (CIVI)
- HST 325 Immigration and Ethnicity in the United States (HUAD)
- JUS 350 Immigration and Justice (SOBE)
- MCO 460 Race, Gender, and Media (SOBE)
- MUS 410 History of Women in Music (HUAD)
- POS 435 Women and Politics (SOBE)
- REL 330 Native American Worldviews (HUAD)
- SOC 378 Migration and Society
- SOC 418 Aging and the Life Course (SOBE)
- SWU 418 Global Violence Against Women
- SWU 457 Southwest Borderland Immigration Issues (CIVI)
- SWU 498 Topic: Indigenous Social Policy & Advocacy

WST 300 Women and Gender in Contemporary Society (SOBE)

Social Problems and Interventions

These courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence. Four courses must be SWU courses; nine credits must be upper division.

Social Problems and Interventions 6

AIS 180 Introduction to American Indian Studies (SOBE)

AIS 380 Contemporary Issues of American Indian Nations

ASB 300 Food and Culture (SOBE)

ASB 462 Medical Anthropology: Culture and Health (SOBE)

COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)

CRJ 204 Juvenile Justice

CRJ 461 Intimate-Partner Violence

HSC 210 Cultural Aspects of Health (GCSI)

HST 339 Islam in the Modern World (GCSI)

JUS 332 Politics of Energy Policy and Justice

JUS 420 Women, Work, and Justice

SOC 241 Modern Social Problems (SOBE)

SOC 264 Sociology of Gender (CIVI)

SOC 270 Sociology of Race and Ethnicity (CIVI)

SOC 424 Women and Health (SOBE)

SPE 222 Orientation to Education of Exceptional Children (CIVI)

SWU 250 Stress Management Tools I (SOBE)

SWU 349 Stress Management Tools II (SOBE)

SWU 351 Sustainable Living, Mindful Eating (SUST)

SWU 404 Social Work Practice in Health Care Settings

SWU 416 Domestic Violence Prevention and Intervention

SWU 417 Technology, Interpersonal Relationships and Abuse

SWU 454 Overview of Addictions

SWU 456 Immigrants and Refugees (CIVI)

SWU 458 Behavioral Health Services

SWU 460 Legal Issues in Social Work

SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)

SWU 462 Global Social Welfare (GCSI)

SWU 494 Topic: Restorative Spaces and Therapeutic Communities

TCL 323 Latina/o Health Issues (SOBE)

TCL 340 Chicana/o and Latina/o Politics and Policy

TWC 454 Information Technology and Culture

Upper Division Social Problems and Interventions

AIS 380 Contemporary Issues of American Indian Nations

ASB 300 Food and Culture (SOBE)

ASB 462 Medical Anthropology: Culture and Health (SOBE)

COM 463 Intercultural Communication for Global Leadership and Collaboration (GCSI)

CRJ 461 Intimate-Partner Violence

HST 339 Islam in the Modern World (GCSI)

JUS 332 Politics of Energy Policy and Justice

JUS 420 Women, Work, and Justice

SOC 424 Women and Health (SOBE)

SWU 349 Stress Management Tools II (SOBE)

SWU 351 Sustainable Living, Mindful Eating (SUST)

SWU 404 Social Work Practice in Health Care Settings

SWU 416 Domestic Violence Prevention and Intervention

SWU 417 Technology, Interpersonal Relationships and Abuse

SWU 454 Overview of Addictions

SWU 456 Immigrants and Refugees (CIVI)

SWU 458 Behavioral Health Services

SWU 460 Legal Issues in Social Work

SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)

SWU 462 Global Social Welfare (GCSI)

SWU 494 Topic: Restorative Spaces and Therapeutic Communities

TCL 323 Latina/o Health Issues (SOBE)

TCL 340 Chicana/o and Latina/o Politics and Policy

TWC 454 Information Technology and Culture

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR ENG 105 Advanced First-Year Composition	C	6
OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Criminology and Criminal Justice, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPCRIMJBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
CRJ 100 Introduction to Criminal Justice (SOBE)	C	3
CRJ 201 Criminal Justice Crime Control Policies and Practices (SOBE)	C	3
CRJ 203 Courts and Sentencing	C	3
CRJ 230 Introduction to Policing	C	3
CRJ 240 Introduction to Corrections	C	3
CRJ 302 Research Methods	C	3
CRJ 303 Statistical Analysis (QTRS)	C	3
CRJ 304 Inequality, Crime and Criminal Justice (CIVI)	C	3
CRJ 309 Criminology (SOBE)	C	3
Major Electives		
200-Level **CRJ Elective**	C	3

Requirement	Minimum Grade	Credit Hours
Upper Division **CRJ Elective**	C	6
400-Level **CRJ Elective**	C	12

Solution-Based Learning

Solution-Based Learning (SBL) 3

- **CPP 350 Community Works**
- **CPP 353 Community Impact Lab**
- **CRD 301 Sustainable Communities (SUST)**
- **CRD 435 Service Learning for Community Development**
- **CRJ 317 Inside-Out Prison Exchange Program**
- **CRJ 394 Topic: Comparative Organized Crime**
- **CRJ 394 Topic: Taking it to the Streets: Service-Based Learning**
- **CRJ 394 Topic: The British Roots of U.S. Criminal Justice**
- **CRJ 455 Police and International Terrorism**
- **CRJ 456 Etiology of Martyrdom**
- **CRJ 484 Internship**
- **CRJ 492 Honors Directed Study**
- **CRJ 493 Honors Thesis**
- **CRJ 496 Directed Research**

CRJ 499 Individualized Instruction

NLM 160 Voluntary Action and Community Leadership (CIVI)

NLM 435 Service Learning for Community Development

PRM 145 Special Events Management

PRM 203 Program Planning

PRM 315 Creating Community Through Park and Recreation Systems

PRM 370 Public Lands Management

SWU 291 Social Service Delivery Systems

SWU 394 Topic: Ending Homelessness

TDM 345 Meeting and Convention Planning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of three credits of SBL-designated coursework will satisfy this requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	6

Area 1: Community Resources and Development

CRD Elective

NLM Elective

PRM Elective

RTH Elective

TDM Elective

Area 2: Public Affairs

PAF Elective

Area 3: Social Work

SWU Elective

Area 4: Public Service and Community Solutions

CPP Elective

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Related Area

Upper Division Related Area	C	9

ASB 305 Poverty and Global Health (CIVI)

COM 312 Communication, Conflict, and Negotiation (CIVI)

COM 319 Persuasion and Social Influence (CIVI)

COM 414 Crisis Communication

CPP 350 Community Works

CRD 302 Inclusive Community Development (SOBE)

ENG 301 Writing for the Professions

ENG 311 Persuasive Writing (CIVI)

FMS 380 Race and Gender in U.S. Media (HUAD)

HST 325 Immigration and Ethnicity in the United States (HUAD)

HST 328 Women in U.S. History, 1880-1980 (HUAD)

HST 338 American Indian History since 1900 (HUAD)

HST 454 History of Genocide (GCSI)

IAS 300 Career Strategies and Personal Resilience

JUS 329 Domestic Violence (SOBE)

JUS 350 Immigration and Justice (SOBE)

JUS 374 The Holocaust, Genocide, and Human Rights

JUS 432 Racial Justice (CIVI)

JUS 477 Youth and Justice (SOBE)

PAF 300 Public Management and Administration

PAF 311 Leadership and Change (SOBE)

PAF 340 Contemporary Policy Challenges

PAF 410 Building Leadership Skills (SOBE)

PAF 460 Public Service Ethics

PAF 469 Terrorism Defense

PHI 306 Applied Ethics (CIVI)

PHI 307 Philosophy of Law (AMIT)

PHI 336 Social and Political Philosophy

PHI 360 Business and Professional Ethics (HUAD)

POS 310 American National Government (AMIT)

POS 325 Public Policy Development (CIVI)

POS 364 National Security, Intelligence, and Terrorism (SOBE)

POS 370 Law and Society (CIVI)

POS 442 American Political Thought (HUAD)

POS 471 Constitutional Law I (AMIT)

PSY 350 Social Psychology (SOBE)

PSY 366 Psychological Disorders (SOBE)

PUP 301 Introduction to Urban Planning

REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)

REL 381 Religion and Moral Issues (HUAD)

SOC 340 Social Deviance

SOC 352 Social Change (CIVI)

SOC 363 Men and Masculinity (SOBE)

SOC 426 Social Inequalities (CIVI)

STS 364 Science, Technology, and National Security

SWU 454 Overview of Addictions

SWU 456 Immigrants and Refugees (CIVI)

SWU 457 Southwest Borderland Immigration Issues (CIVI)

SWU 460 Legal Issues in Social Work

TCL 314 Transborder Latin American Migration to the U.S. (SOBE)

TCL 332 Mexican American History Since 1900 (GCSI)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Criminology and Criminal Justice (Policing), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPCRJPOLBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Requirements		
CRJ 100 Introduction to Criminal Justice (SOBE)	C	3
CRJ 201 Criminal Justice Crime Control Policies and Practices (SOBE)	C	3
CRJ 203 Courts and Sentencing	C	3
CRJ 230 Introduction to Policing	C	3
CRJ 240 Introduction to Corrections	C	3
CRJ 302 Research Methods	C	3
CRJ 303 Statistical Analysis (QTRS)	C	3
CRJ 304 Inequality, Crime and Criminal Justice (CIVI)	C	3
CRJ 309 Criminology (SOBE)	C	3
Concentration Requirements		

Requirement	Minimum Grade	Credit Hours
CRJ 315 Police Organization and Management	C	3
CRJ 409 Police Accountability	C	3
CRJ 410 Criminal Procedure I: The Law of Investigations	C	3
CRJ 450 Crime Analysis (QTRS)	C	3
Upper Division Concentration Elective Choose one course from the list. Students enrolling in CRJ 484 should have an internship with local, state, or federal police or law enforcement agency. Students may substitute other CRJ 494 topics if they focus on policing. **CRJ 321 Evidence: Imperatives of Proof** **CRJ 403 Victims and the Criminal Justice System** **CRJ 455 Police and International Terrorism** **CRJ 484 Internship** **CRJ 494 Topic: Community Policing** **CRJ 494 Topic: Problem-Oriented Policing** **CRJ 494 Topic: Visual Media, Neighborhoods, & Policing**	C	3

Major Electives

200-Level **CRJ Elective**	C	3
Upper Division **CRJ Elective**	C	3
400-Level **CRJ Elective**	C	6

Solution Based Learning

Solution-Based Learning (SBL) 3

- CPP 350 Community Works
- CPP 353 Community Impact Lab
- CRD 301 Sustainable Communities (SUST)
- CRD 435 Service Learning for Community Development
- CRJ 317 Inside-Out Prison Exchange Program
- CRJ 394 Topic: Comparative Organized Crime
- CRJ 394 Topic: Taking it to the Streets: Service-Based Learning
- CRJ 394 Topic: The British Roots of U.S. Criminal Justice
- CRJ 455 Police and International Terrorism
- CRJ 456 Etiology of Martyrdom
- CRJ 484 Internship
- CRJ 492 Honors Directed Study
- CRJ 493 Honors Thesis
- CRJ 496 Directed Research
- CRJ 499 Individualized Instruction
- NLM 160 Voluntary Action and Community Leadership (CIVI)
- NLM 435 Service Learning for Community Development

PRM 145 Special Events Management

PRM 203 Program Planning

PRM 315 Creating Community Through Park and Recreation Systems

PRM 370 Public Lands Management

SWU 291 Social Service Delivery Systems

SWU 394 Topic: Ending Homelessness

TDM 345 Meeting and Convention Planning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of three credits of SBL-designated coursework will satisfy this requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	6
Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Public Affairs	
PAF Elective	

Area 3: Social Work

SWU Elective

Area 4: Public Service and Community Solutions

CPP Elective

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Related Area

Upper Division Related Area	C	9

ASB 305 Poverty and Global Health (CIVI)

COM 312 Communication, Conflict, and Negotiation (CIVI)

COM 319 Persuasion and Social Influence (CIVI)

COM 414 Crisis Communication

CPP 350 Community Works

CRD 302 Inclusive Community Development (SOBE)

ENG 301 Writing for the Professions

ENG 311 Persuasive Writing (CIVI)

FMS 380 Race and Gender in U.S. Media (HUAD)

HST 325 Immigration and Ethnicity in the United States (HUAD)

HST 328 Women in U.S. History, 1880-1980 (HUAD)

HST 338 American Indian History since 1900 (HUAD)

HST 454 History of Genocide (GCSI)

IAS 300 Career Strategies and Personal Resilience

JUS 329 Domestic Violence (SOBE)

JUS 350 Immigration and Justice (SOBE)

JUS 374 The Holocaust, Genocide, and Human Rights

JUS 432 Racial Justice (CIVI)

JUS 477 Youth and Justice (SOBE)

PAF 300 Public Management and Administration

PAF 311 Leadership and Change (SOBE)

PAF 340 Contemporary Policy Challenges

PAF 410 Building Leadership Skills (SOBE)

PAF 460 Public Service Ethics

PAF 469 Terrorism Defense

PHI 306 Applied Ethics (CIVI)

PHI 307 Philosophy of Law (AMIT)

PHI 336 Social and Political Philosophy

PHI 360 Business and Professional Ethics (HUAD)

POS 310 American National Government (AMIT)

POS 325 Public Policy Development (CIVI)

POS 364 National Security, Intelligence, and Terrorism (SOBE)

POS 370 Law and Society (CIVI)

POS 442 American Political Thought (HUAD)

POS 471 Constitutional Law I (AMIT)

PSY 350 Social Psychology (SOBE)

PSY 366 Psychological Disorders (SOBE)

PUP 301 Introduction to Urban Planning

REL 379 / SGS 343 Religion, Nationalism, and Ethnic Conflict (GCSI)

REL 381 Religion and Moral Issues (HUAD)

SOC 340 Social Deviance

SOC 352 Social Change (CIVI)

SOC 363 Men and Masculinity (SOBE)

SOC 426 Social Inequalities (CIVI)

STS 364 Science, Technology, and National Security

SWU 454 Overview of Addictions

SWU 456 Immigrants and Refugees (CIVI)

SWU 457 Southwest Borderland Immigration Issues (CIVI)

SWU 460 Legal Issues in Social Work

TCL 314 Transborder Latin American Migration to the U.S. (SOBE)

TCL 332 Mexican American History Since 1900 (GCSI)

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Emergency Management, AS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Associate of Science, AS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPEMEAS
Minimum credit hours: 60
Upper division minimum credit hours: 15

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 301 Applied Statistics (QTRS)	C	3
Emergency Management Certificate Courses		
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 261 Hazards and Risk Management	C	3
PAF 360 Emergency Management I	C	3
PAF 362 Biosecurity and Biodefense	C	3
PAF 424 Emergency Management II	C	3
PAF 461 Homeland Security	C	3
General Education Requirements		
BIO 130 Introduction to Environmental Science (SCIT)		4

GLG 110 Dangerous World (SCIT) **AND** **GLG 111 Dangerous World Laboratory (SCIT)**		4
MAT 114 College Mathematics (MATH)		3
SOC 101 Introductory Sociology (SOBE) OR **COM 110 Elements of Interpersonal Communication (SOBE)**		3

USNCC Naval Studies

USNCC NAV 101 OR **PHI 105 Intro to Ethics (HUAD)**	C	3
USNCC NAV 102 OR HST 999 (HUAD)	C	3
USNCC NAV 103 OR POS 999 (CIVI)	C	3
USNCC NAV 104 OR **POS 110 American Government and Politics (AMIT)**	C	3
USNCC NAV 105 OR **POS 160 Global Politics (GCSI)**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CLS The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**	C	6

Notes

All associate degree students must fulfill university graduation requirements, including a minimum of 60 credit hours. https://catalog.asu.edu/associatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
USNCC NAV 101: Naval Ethics and Leadership satisfies PHI 105
USNCC NAV 102: Modern Naval History satisfies HST elective
USNCC NAV 103: Naval Force Design and Concepts satisfies Elective
USNCC NAV 104: Civilian/Military Organization and Policy satisfies POS 110
USNCC NAV 105: Introduction to Geopolitical Environment satisfies POS 160. NAV 105 must be taken at USNCC to satisfy USNCC certificate requirements.
Contact USNCC regarding the applicability of transfer credit to USNCC requirements.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Emergency Management and Homeland Security, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPEMHSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 261 Hazards and Risk Management	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 360 Emergency Management I	C	3
PAF 362 Biosecurity and Biodefense	C	3
PAF 400 Senior Capstone Project	C	3
PAF 424 Emergency Management II	C	3

Requirement	Minimum Grade	Credit Hours
PAF 426 Intelligence Analysis and Homeland Security	C	3
PAF 460 Public Service Ethics	C	3
PAF 461 Homeland Security	C	3
CRJ 412 International Terrorism OR **CRJ 419 Domestic Terrorism**	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	6
Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Criminology and Criminal Justice	
CRJ Elective	

Area 3: Social Work:		
SWU Elective		
Area 4: Public Service and Community Solutions		
CPP Elective		

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Related Area

Social Sciences **OGL 200 Introduction to Organizational Leadership (CIVI)** **POS 112 Foundations of Democracy (CIVI)** **POS 150 Comparative Government (GCSI)** **PSY 101 Introduction to Psychology (SOBE)** **SOC 101 Introductory Sociology (SOBE)**	C	3
Professional Skills **COM 225 Public Speaking and Presentations (CIVI)** **ENG 216 Persuasive Writing on Public Issues (CIVI)**	C	3

ENG 301 Writing for the Professions	

EMHS Electives

Upper Division EMHS Electives

CRJ 412 International Terrorism or CRJ 419 Domestic Terrorism	12
CRJ 417 Cyber Terrorism	
CRJ 455 Police and International Terrorism	
CRJ 456 Etiology of Martyrdom	
PAF 300 Public Management and Administration	
PAF 363 Technology in Emergency Management	
PAF 410 Building Leadership Skills (SOBE)	
PAF 468 Planning and Exercises	
PAF 484 Internship	

Only CRJ 412 or CRJ 419 can be used as an elective, whichever is not used to satisfy the major requirement.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Nonprofit Leadership and Management (American Indian Studies), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPNLMAIBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Major Core		
NLM 160 Voluntary Action and Community Leadership (CIVI)	C	3
NLM 220 Introduction to Nonprofit Organizations	C	3
NLM 300 Fund Raising and Resource Development	C	3
NLM 310 Volunteer Management (CIVI)	C	3

Requirement	Minimum Grade	Credit Hours
NLM 380 Financial Management for Nonprofit Organizations	C	3
NLM 410 Social Entrepreneurship	C	3
NLM 430 Managing Nonprofit Organizations	C	3

Professional Core

CRD 403 Leadership and Professional Development	C	3
CRD 435 Service Learning for Community Development	C	1
Upper Division Senior Internship Experience Students can choose 12 credits of CRD 463, 6 credits of CRD 463 and 6 credits of electives, or 3 credits of CRD 435 and 9 credits of electives. Electives must not be from previous coursework **CRD 463 Senior Internship** **CRD 463 Senior Internship** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective **CRD 435 Service Learning for Community Development** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective	C	12

Requirement	Minimum Grade	Credit Hours
Review eligibility for each option at https://scrd.asu.edu/content/documents		

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of three credits of NLM 160, CRD 301, CRD 402, or CRD 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	
Area 1: Criminology and Criminal Justice	
CRJ Elective	
Area 2: Public Affairs	
PAF Elective	
Area 3: Social Work	6
SWU Elective	
Area 4: Public Service and Community Solutions	
CPP Elective	

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Nonprofit Electives

Nonprofit Leadership and Management Elective	C	6

- **ACC 382 Accounting and Financial Analysis**
- **COM 259 Communication in Business and the Professions (CIVI)**
- **COM 263 Elements of Intercultural Communication (GCSI)**
- CRD Elective
- CSM Elective
- **MGT 380 Management and Strategy**
- **NLM 203 Program Planning**
- **NLM 320 Professional Development Seminar**
- **NLM 420 Nonprofit Leadership Alliance Institute**
- **NLM 440 Nonprofit Professional Certification**
- **NLM 451 Grant Writing**
- **PAF 410 Building Leadership Skills (SOBE)**
- PRM Elective
- **PRM 145 Special Events Management**
- **PRM 304 Recreation and Sport Planning and Facilities**
- **PRM 370 Public Lands Management**

RTH 364 Foundations in Recreational Therapy (SOBE)	
PRM 485 Sports Events	
SOC 241 Modern Social Problems (SOBE)	
TDM Elective	

Concentration Courses

AIS 180 Introduction to American Indian Studies (SOBE)	C	3
AIS 285 Federal Indian Policy (CIVI)	C	3
AIS 370 American Indian Languages and Cultures (HUAD)	C	3
AIS 380 Contemporary Issues of American Indian Nations	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Nonprofit Leadership and Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPNLMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Professional Core		
CRD 403 Leadership and Professional Development	C	3
CRD 435 Service Learning for Community Development	C	1
Upper Division Senior Internship Experience	C	12

> Students can choose 12 credits of CRD 463, 6 credits of CRD 463 and 6 credits of electives, or 3 credits of CRD 435 and 9 credits of electives. Electives must not be from previous coursework.

Requirement	Minimum Grade	Credit Hours
CRD 463 Senior Internship **CRD 463 Senior Internship** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective **CRD 435 Service Learning for Community Development** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		

Review eligibility for each option at https://scrd.asu.edu/content/documents

Major Core

NLM 160 Voluntary Action and Community Leadership (CIVI)	C	3
NLM 220 Introduction to Nonprofit Organizations	C	3
NLM 300 Fund Raising and Resource Development	C	3
NLM 310 Volunteer Management (CIVI)	C	3
NLM 380 Financial Management for Nonprofit Organizations	C	3
NLM 410 Social Entrepreneurship	C	3
NLM 430 Managing Nonprofit Organizations	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of three credits of NLM 160, CRD 301, CRD 402, or CRD 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Criminology and Criminal Justice		
CRJ Elective		
Area 2: Public Affairs		
PAF Elective		
Area 3: Social Work		6
SWU Elective		
Area 4: Public Service and Community Solutions		
CPP Elective		

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Nonprofit Electives

Nonprofit Leadership and Management Elective	C	12

ACC 382 Accounting and Financial Analysis

COM 259 Communication in Business and the Professions (CIVI)

COM 263 Elements of Intercultural Communication (GCSI)

CRD Elective

CSM Elective

MGT 380 Management and Strategy

NLM 203 Program Planning

NLM 320 Professional Development Seminar

NLM 420 Nonprofit Leadership Alliance Institute

NLM 440 Nonprofit Professional Certification

NLM 451 Grant Writing

PAF 410 Building Leadership Skills (SOBE)

PRM Elective

PRM 145 Special Events Management

PRM 304 Recreation and Sport Planning and Facilities

PRM 370 Public Lands Management

RTH 364 Foundations in Recreational Therapy (SOBE)

PRM 485 Sports Events

SOC 241 Modern Social Problems (SOBE)

TDM Elective

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Parks, Recreation and Sport Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPRMBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Professional Core		
CRD 403 Leadership and Professional Development	C	3
CRD 435 Service Learning for Community Development	C	1
Upper Division Senior Internship Experience	C	12

> Students can choose 12 credits of CRD 463, 6 credits of CRD 463 and 6 credits of electives, or 3 credits of CRD 435 and 9 credits of electives. Electives must not be from previous coursework

Requirement	Minimum Grade	Credit Hours
CRD 463 Senior Internship		
CRD 463 Senior Internship **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		
CRD 435 Service Learning for Community Development **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		

Review eligibility for each option at https://scrd.asu.edu/content/documents

Major Core

CRD 350 Tourism, Recreation and Sports Marketing	C	3
CRD 401 Managing Tourism and Leisure Enterprises	C	3
PRM 120 Leisure and the Quality of Life (SOBE)	C	3
PRM 201 Introduction to Parks, Recreation and Sport Management	C	3
PRM 203 Program Planning	C	3
PRM 304 Recreation and Sport Planning and Facilities	C	3
PRM 306 Advanced Programming and Facilitation	C	3

Requirement	Minimum Grade	Credit Hours
PRM 380 Wilderness and Parks in America (SUST) OR **RTH 364 Foundations in Recreational Therapy (SOBE)**	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of three credits of PRM 203, CRD 301, CRD 402, CRD 435, or CRD 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Criminology and Criminal Justice	
CRJ Elective	
Area 2: Public Affairs	
PAF Elective	
Area 3: Social Work	6
SWU Elective	
Area 4: Public Service and Community Solutions	
CPP Elective	

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Major Electives

In total, four courses must be taken within the elective areas. Students can choose from any number of area groups. At least six credits must be upper-division. For a career as a park ranger, please take Park Ranger/Natural Resource Management Electives.

Upper Division PRM Major Electives	C	6

Upper Division Community Recreation Electives

- **PRM 335 Sports and Recreation for Youth Development**
- **PRM 475 Entrepreneurial Recreation and Tourism**
- **RTH 364 Foundations in Recreational Therapy (SOBE)**
- **RTH 455 Recreational Therapy and Play with Children, Youth and Families**

Upper Division Inclusive and Adaptive Sports Electives

- **PRM 335 Sports and Recreation for Youth Development**
- **PRM 453 Inclusive Community Sport**
- **RTH 364 Foundations in Recreational Therapy (SOBE)**

RTH 455 Recreational Therapy and Play with Children, Youth and Families

Upper Division Park Ranger/Natural Resource Management Electives

ABS 384 Natural Resources Measurements

ABS 430 Watershed Management

ABS 479 Ecosystem Management and Planning

ABS 485 GIS in Natural Resources

BIO 324 Environmental Ethics (SUST)

BIO 412 Conservation in Practice

BIO 434 People and Nature: Ecosystem Services

ENV 415 Field Techniques in Natural Resource Management

ERM 426 Environmental Issues

ERM 428 International Environmental Management

PHI 310 Environmental Ethics (SUST)

PRM 340 Outdoor Survival

PRM 360 Environmental and Cultural Interpretation

PRM 370 Public Lands Management

SCN 300 Foundations of Environmental Education

SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)

SOS 412 Conservation in Practice

TDM 448 Heritage and Cultural Tourism

TDM 480 Sustainable Tourism

Upper Division Special Event Management Electives

PRM 485 Sports Events

PRM 487 Advanced Special Events Management

TDM 345 Meeting and Convention Planning

Upper Division Sports Tourism Electives

PRM 483 Sports Tourism

PRM 485 Sports Events

Upper Division Youth Sports Electives

PPE 335 Movement and Physiology Principles of Children and Youth in Physical Activity Environments

PPE 494 Topic: Positive Sport Coaching

PRM 335 Sports and Recreation for Youth Development

PRM 483 Sports Tourism

PRM 485 Sports Events

Upper Division Other Electives

CRD Elective

NLM Elective

PRM Elective

TDM Elective

PAF 410 Building Leadership Skills (SOBE)

PUP 301 Introduction to Urban Planning

Major Elective Area	C	6

Community Recreation Electives

PRM 335 Sports and Recreation for Youth Development

PRM 475 Entrepreneurial Recreation and Tourism

RTH 364 Foundations in Recreational Therapy (SOBE)

RTH 455 Recreational Therapy and Play with Children, Youth and Families

Inclusive and Adaptive Sports Electives

PRM 335 Sports and Recreation for Youth Development

PRM 453 Inclusive Community Sport

RTH 364 Foundations in Recreational Therapy (SOBE)

RTH 455 Recreational Therapy and Play with Children, Youth and Families

Park Ranger/Natural Resource Management Electives

ABS 384 Natural Resources Measurements

ABS 430 Watershed Management

ABS 479 Ecosystem Management and Planning

ABS 485 GIS in Natural Resources

ASM 104 Bones, Stones, and Human Evolution (SCIT)

BIO 100 The Living World (SCIT)

BIO 130 Introduction to Environmental Science (SCIT)

BIO 324 Environmental Ethics (SUST)

BIO 412 Conservation in Practice

BIO 434 People and Nature: Ecosystem Services

ENV 415 Field Techniques in Natural Resource Management

ERM 426 Environmental Issues

ERM 428 International Environmental Management

GIS 205 Geographic Information Science I (QTRS)

GLG 101 Introduction to Geology I (Physical) (SCIT)

GLG 108 Water Planet (SCIT)

GPH 111 Introduction to Physical Geography (SCIT)

PHI 310 Environmental Ethics (SUST)

PRM 340 Outdoor Survival

PRM 360 Environmental and Cultural Interpretation

PRM 370 Public Lands Management

SCN 300 Foundations of Environmental Education

SCN 301 Ecology and Natural History of the Sonoran Desert (SCIT)

SOS 412 Conservation in Practice

TDM 448 Heritage and Cultural Tourism

TDM 480 Sustainable Tourism

Special Event Management Electives

PRM 145 Special Events Management

PRM 485 Sports Events

PRM 487 Advanced Special Events Management

TDM 345 Meeting and Convention Planning

Sports Tourism Electives

PRM 145 Special Events Management

PRM 483 Sports Tourism

PRM 485 Sports Events

TDM 205 Introduction to Travel and Tourism (GCSI)

Youth Sports Electives

PPE 215 Teaching Team Sports

PPE 335 Movement and Physiology Principles of Children and Youth in Physical Activity Environments

PPE 494 Topic: Positive Sport Coaching

PRM 335 Sports and Recreation for Youth Development

PRM 483 Sports Tourism

PRM 485 Sports Events

Other Electives

CRD Elective

NLM Elective

PRM Elective

TDM Elective

PAF 410 Building Leadership Skills (SOBE)

PUP 301 Introduction to Urban Planning

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Service and Public Policy, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPAFBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
PAF 400 Senior Capstone Project	C	3
PAF 460 Public Service Ethics	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Criminology and Criminal Justice	6
CRJ Elective	
Area 3: Social Work	
SWU Elective	
Area 4: Public Service and Community Solutions	
CPP Elective	

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

PSPP Concentration

PAF 410 Building Leadership Skills (SOBE)	C	3
PAF 420 Managing Across Boundaries	C	3
Upper Division **PAF Elective** Recommended: **PAF 484**	C	9

Related Area

Social Sciences **OGL 200 Introduction to Organizational Leadership (CIVI)** **POS 112 Foundations of Democracy (CIVI)** **POS 150 Comparative Government (GCSI)** **PSY 101 Introduction to Psychology (SOBE)** **SOC 101 Introductory Sociology (SOBE)**	C	3
Professional Skills **COM 225 Public Speaking and Presentations (CIVI)** **ENG 216 Persuasive Writing on Public Issues (CIVI)**	C	3

ENG 301 Writing for the Professions

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Service and Public Policy (Business), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPAFBUBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
PAF 400 Senior Capstone Project	C	3
PAF 460 Public Service Ethics	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Criminology and Criminal Justice	6
CRJ Elective	
Area 3: Social Work	
SWU Elective	
Area 4: Public Service and Community Solutions	
CPP Elective	

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Business Concentration

ACC 382 Accounting and Financial Analysis	C	3
FIN 380 Personal Financial Management	C	3
MGT 380 Management and Strategy	C	3
MKT 390 Essentials of Marketing OR **MKT 395 Essentials of Advertising and Marketing Communication**	C	3
Upper Division **PAF Elective** Recommended: **PAF 484**	C	3

Related Area

Social Sciences

OGL 200 Introduction to Organizational Leadership (CIVI) **POS 112 Foundations of Democracy (CIVI)** **POS 150 Comparative Government (GCSI)** **PSY 101 Introduction to Psychology (SOBE)** **SOC 101 Introductory Sociology (SOBE)**	C	3

Professional Skills		
COM 225 Public Speaking and Presentations (CIVI)	C	3
ENG 216 Persuasive Writing on Public Issues (CIVI)		
ENG 301 Writing for the Professions		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Service and Public Policy (Criminology), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPAFCBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
PAF 400 Senior Capstone Project	C	3
PAF 460 Public Service Ethics	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	
Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Social Work	3
SWU Elective	
Area 3: Public Service and Community Solutions	
CPP Elective	

Students are required to complete coursework from Watts interdisciplinary areas. CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional course from the interdisciplinary areas to complete the requirement.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Criminology Concentration

CRJ 100 Introduction to Criminal Justice (SOBE)	C	3
CRJ 201 Criminal Justice Crime Control Policies and Practices (SOBE)	C	3
Upper Division **CRJ Elective**	C	6
Upper Division **PAF Elective** Recommended: **PAF 484**	C	3

Related Area

Social Sciences **OGL 200 Introduction to Organizational Leadership (CIVI)** **POS 112 Foundations of Democracy (CIVI)** **POS 150 Comparative Government (GCSI)** **PSY 101 Introduction to Psychology (SOBE)** **SOC 101 Introductory Sociology (SOBE)**	C	3
Professional Skills **COM 225 Public Speaking and Presentations (CIVI)**	C	3

ENG 216 Persuasive Writing on Public Issues (CIVI)

ENG 301 Writing for the Professions

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree

requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Service and Public Policy (Emergency Management and Homeland Security), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPAFEHBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
PAF 400 Senior Capstone Project	C	3
PAF 460 Public Service Ethics	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	
Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
PRM Elective	
Area 2: Criminology and Criminal Justice	6
CRJ Elective	
Area 3: Social Work	
SWU Elective	
Area 4: Public Service and Community Solutions	
CPP Elective	

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

EMHS Concentration

PAF 261 Hazards and Risk Management	C	3
PAF 360 Emergency Management I	C	3
PAF 424 Emergency Management II	C	3
PAF 461 Homeland Security	C	3
CRJ 412 International Terrorism OR **CRJ 419 Domestic Terrorism**	C	3
Upper Division **PAF Elective** Recommended: **PAF 484**	C	3

Upper Division EMHS Elective		
CRJ 403 Victims and the Criminal Justice System **CRJ 409 Police Accountability** **CRJ 412 International Terrorism or CRJ 419 Domestic Terrorism** **CRJ 417 Cyber Terrorism** **CRJ 422 Violence in America** **PAF 425 National Incident Management System (NIMS)**	C	3

Only CRJ 412 or CRJ 419 can be used as an elective, whichever is not used to satisfy the major requirement.

Related Area

Social Sciences		
OGL 200 Introduction to Organizational Leadership (CIVI) **POS 112 Foundations of Democracy (CIVI)** **POS 150 Comparative Government (GCSI)** **PSY 101 Introduction to Psychology (SOBE)** **SOC 101 Introductory Sociology (SOBE)**	C	3
Professional Skills	C	3
COM 225 Public Speaking and Presentations (CIVI) **ENG 216 Persuasive Writing on Public Issues (CIVI)**		

ENG 301 Writing for the Professions

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Service and Public Policy (Health Policy), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPAFHPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
PAF 400 Senior Capstone Project	C	3
PAF 460 Public Service Ethics	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
PRM Elective	
Area 2: Criminology and Criminal Justice	6
CRJ Elective	
Area 3: Social Work	
SWU Elective	
Area 4: Public Service and Community Solutions	
CPP Elective	

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Health Policy Concentration

HSC 210 Cultural Aspects of Health (GCSI)	C	3
Upper Division Health Policy Elective **ASB 301 Global History of Health (HUAD)** **HSC 300 Complementary Health Care** **HSC 310 Health Communication** **HSC 410 Supporting the Health of Older Adults** **HSC 412 Health Issues in Later Life** **HSC 432 Legal Issues in Health Care** **SOC 424 Women and Health (SOBE)** **SOC 427 Sociology of Health and Illness (SOBE)** **SOS 414 Urban and Environmental Health** **TCL 327 Health and Migration (SOBE)**	C	9
Upper Division **PAF Elective** Recommended: **PAF 484**	C	3

Related Area

Social Sciences	C	3

OGL 200 Introduction to Organizational Leadership (CIVI)		
POS 112 Foundations of Democracy (CIVI)		
POS 150 Comparative Government (GCSI)		
PSY 101 Introduction to Psychology (SOBE)		
SOC 101 Introductory Sociology (SOBE)		

Professional Skills

COM 225 Public Speaking and Presentations (CIVI)		
ENG 216 Persuasive Writing on Public Issues (CIVI)	C	3
ENG 301 Writing for the Professions		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Service and Public Policy (Law and Policy), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPAFLPBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
PAF 400 Senior Capstone Project	C	3
PAF 460 Public Service Ethics	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	
Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Social Work	3
SWU Elective	
Area 3: Public Service and Community Solutions	
CPP Elective	

Students are required to complete coursework from Watts interdisciplinary areas. CRJ 201 satisfies part of the college's interdisciplinary requirement. Students must choose one additional course from the interdisciplinary areas to complete the requirement.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Law and Policy Concentration

PHI 103 Principles of Sound Reasoning (QTRS)	C	3
CRJ 201 Criminal Justice Crime Control Policies and Practices (SOBE)	C	3
PAF 411 Law in Action	C	3
Law and Policy Electives Upper Division PAF Elective **JUS 222 Drugs and Justice (SOBE)** **JUS 235 Disability, Justice and Advocacy (CIVI)** **JUS 308 Courts and Society (SOBE)** **CRJ 350 Law and Social Control (CIVI)** **CRJ 410 Criminal Procedure I: The Law of Investigations** **POS 315 The Supreme Court**	C	6
Upper Division **PAF Elective** Recommended: **PAF 484**	C	3

Related Area

Social Sciences	C	3

OGL 200 Introduction to Organizational Leadership (CIVI)		
POS 112 Foundations of Democracy (CIVI)		
POS 150 Comparative Government (GCSI)		
PSY 101 Introduction to Psychology (SOBE)		
SOC 101 Introductory Sociology (SOBE)		

Professional Skills

COM 225 Public Speaking and Presentations (CIVI)		
ENG 216 Persuasive Writing on Public Issues (CIVI)	C	3
ENG 301 Writing for the Professions		

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Public Service and Public Policy (Sustainability), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPPAFSBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Core Courses		
PAF 112 Public Service and American Democracy (AMIT)	C	3
PAF 160 How to Survive the 21st Century (SUST)	C	3
PAF 200 Public Service and Policy (CIVI)	C	3
PAF 201 Economics and Public Policy (SOBE)	C	3
PAF 300 Public Management and Administration	C	3
PAF 301 Applied Statistics (QTRS)	C	3
PAF 302 Public Service Research Methods	C	3
PAF 311 Leadership and Change (SOBE)	C	3
PAF 340 Contemporary Policy Challenges	C	3
PAF 400 Senior Capstone Project	C	3
PAF 460 Public Service Ethics	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PAF 400 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Criminology and Criminal Justice	6
CRJ Elective	
Area 3: Social Work	
SWU Elective	
Area 4: Public Service and Community Solutions	
CPP Elective	

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Concentration Courses

SOS 100 Introduction to Sustainability (SUST)	C	3
SOS 111 Sustainable Cities (SUST)	C	3
Upper Division SOS Electives Choose three courses from the list below. **SOS 320 Society and Sustainability (SOBE)** **SOS 321 Policy and Governance in Sustainable Systems** **SOS 322 International Development and Sustainability** **SOS 323 Sustainable Urban Dynamics** **SOS 324 Sustainable Energy Technology and Systems** **SOS 325 The Economics of Sustainability** **SOS 326 Sustainable Ecosystems** **SOS 327 Sustainable Food and Farms**	C	9
Upper Division **PAF Elective** Recommended: **PAF 484**	C	3

Related Area

Social Sciences		
OGL 200 Introduction to Organizational Leadership (CIVI) **POS 112 Foundations of Democracy (CIVI)** **POS 150 Comparative Government (GCSI)** **PSY 101 Introduction to Psychology (SOBE)** **SOC 101 Introductory Sociology (SOBE)**	C	3
Professional Skills		
COM 225 Public Speaking and Presentations (CIVI) **ENG 216 Persuasive Writing on Public Issues (CIVI)** **ENG 301 Writing for the Professions**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Recreational Therapy, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPRECTBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Professional Core		
CRD 435 Service Learning for Community Development	C	1
RTH 413 Leadership and Professional Development in Recreational Therapy	C	3
RTH 463 Recreational Therapy Senior Internship	C	12
Major Core		
PRM 120 Leisure and the Quality of Life (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
PRM 203 Program Planning OR PRM 306 Advanced Programming and Facilitation	C	3
PRM 304 Recreation and Sport Planning and Facilities OR CRD 401 Managing Tourism and Leisure Enterprises	C	3
RTH 250 Therapeutic Recreation and Community Health (CIVI)	C	3
RTH 364 Foundations in Recreational Therapy (SOBE)	C	3
RTH 384 Recreational Therapy Practicum	C	3
RTH 400 Intervention Techniques in Recreational Therapy AND RTH 284 Recreational Therapy Lab	C	4
RTH 406 Program Design and Administration in Recreational Therapy	C	3
RTH 460 Assessment and Documentation in Recreational Therapy AND RTH 284 Recreational Therapy Lab	C	4

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of PRM 203, CRD 301, CRD 402, or RTH 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	3

Area 1: Criminology and Criminal Justice

CRJ Elective

Area 2: Public Affairs

PAF Elective

Area 3: Public Service and Community Solutions

CPP Elective

Students are required to complete coursework from Watts interdisciplinary areas. SWU 183 satisfies part of the college's interdisciplinary requirement. Students must choose one additional course from the interdisciplinary areas to complete the requirement.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Recreational Therapy Electives

Recreational Therapy Elective	C	6

CHS 400 Adaptive Exercise Program Practical Experience

CRD 350 Tourism, Recreation and Sports Marketing

DST 101 Introduction to Disability Studies (CIVI)

NLM 310 Volunteer Management (CIVI)

PRM 145 Special Events Management

PRM 201 Introduction to Parks, Recreation and Sport Management	
PRM 294 Special Topics	
RTH 294 Special Topics	
RTH 394 Special Topics	
RTH 440 Advocacy in Therapeutic Recreation (GCSI)	
RTH 453 Inclusive Community Sport	
RTH 455 Recreational Therapy and Play with Children, Youth and Families	
RTH 494 Special Topics	

Related Area

BIO 160 Introduction to Anatomy and Physiology (SCIT) OR BIO 201 Human Anatomy and Physiology I (SCIT)		4
CDE 232 Human Development (SOBE)	C	3
EXW 215 Resistance Training and Recovery Techniques OR EXW 217 Cardiorespiratory and Flexibility Training		3
PSY 101 Introduction to Psychology (SOBE)	C	3
PSY 366 Psychological Disorders (SOBE)	C	3
SWU 183 Introductory Ethics: A Social Issues Perspectives (HUAD)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Social Work, BSW

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Social Work, BSW
College/School: Watts College of Public Service & Community Solut
Plan Code: PPSWUSWU
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Major Courses		
SWU 171 Introduction to Social Work (SOBE)	C	3
SWU 291 Social Service Delivery Systems	C	3
SWU 295 Foundations of Social Work Practice	C	3
SWU 302 Human Biology for Social Workers Students who have already completed a human anatomy course may need to take an elective in place of SWU 302. See advisor for permission.		3
SWU 303 Micro Human Behavior and the Social Environment (SOBE)	C	3
SWU 306 Ethics in Social Services (HUAD)	C	3
SWU 311 Integrative Social Work Practice	C	3
SWU 312 Integrative Social Work Practice Skills	C	3
SWU 320 Research Methods in Social Work	C	3
SWU 321 Statistics for Social Workers (QTRS)		3

Requirement	Minimum Grade	Credit Hours
SWU 340 Macro Human Behavior and the Social Environment (SOBE)	C	3
SWU 374 Diversity and Oppression in a Social Work Context (CIVI)	C	3
SWU 432 Social Policy and Services	C	3

Professional Practicum Courses

BSW advancement into practicum courses requires completion of the following:		
1) Successful completion of SWU 171, SWU 291, SWU 295, SWU 303, SWU 306, SWU 311, SWU 312, SWU 340, SWU 374		
2) Documented completion of 40 hours human services experience		
3) Level 1 Fingerprint Clearance Card		
4) Signed Standards of Professional and Ethical Behavior form		
For more information, please visit https://socialwork.asu.edu/field-education		
SWU 410 Social Work Practice II	C	3
SWU 411 Social Work Practice III	C	3
SWU 412 Social Work Practicum I	C	3
SWU 413 Practicum Seminar	C	3
SWU 414 Social Work Practicum II	C	3

Requirement	Minimum Grade	Credit Hours
SWU 415 Integrative Practicum Seminar	C	3

BSW Area of Interest

BSW Area of Interest Course	C	3

- SWU 404 Social Work Practice in Health Care Settings
- SWU 416 Domestic Violence Prevention and Intervention
- SWU 417 Technology, Interpersonal Relationships and Abuse
- SWU 418 Global Violence Against Women
- SWU 442 Child Welfare Practice
- SWU 450 Mastering Mindfulness
- SWU 454 Overview of Addictions
- SWU 456 Immigrants and Refugees (CIVI)
- SWU 457 Southwest Borderland Immigration Issues (CIVI)
- SWU 458 Behavioral Health Services
- SWU 460 Legal Issues in Social Work
- SWU 461 LGBTQ+ Communities: Practice and Policy (CIVI)
- SWU 462 Global Social Welfare (GCSI)
- SWU 488 Advocacy Strategies

Requirement	Minimum Grade	Credit Hours
SWU 494 Topic: Pathways to Global Social Wrk Travl abroad Intensv		
SWU 494 Topic: Intersecting Domestic Violence Child Maltreatment		
SWU 498 Topic: Indigenous Social Policy & Advocacy		
SWU 498 Topic: Aging in Context		

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of SWU 291, SWU 412, or SWU 414 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	6
Area 1: Community Resources and Development	
CRD Elective	
NLM Elective	
PRM Elective	
RTH Elective	
TDM Elective	
Area 2: Criminology and Criminal Justice	

CRJ Elective

Area 3: Public Affairs

PAF Elective

Area 4: Public Service and Community Solutions

CPP Elective

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Introductory Courses

ECN 211 Macroeconomic Principles (SOBE) OR **SWU 181 Economics: A Social Issues Perspective**	3
PHI 101 Introduction to Philosophy (HUAD) OR **PHI 105 Intro to Ethics (HUAD)** OR **SWU 183 Introductory Ethics: A Social Issues Perspectives (HUAD)**	3
POS 110 American Government and Politics (AMIT) OR **SWU 182 Social Services Perspective of Government (AMIT)**	3
PSY 101 Introduction to Psychology (SOBE) OR **SOC 101 Introductory Sociology (SOBE)**	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General

Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Tourism and Recreation Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPTRMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Professional Core		
CRD 403 Leadership and Professional Development	C	3
CRD 484 Internship OR CRD 435 Service Learning for Community Development AND Upper Division Major Electives	C	6
PRM 307 Arizona Cardinals Rotational Program		
PRM 360 Environmental and Cultural Interpretation		

Requirement	Minimum Grade	Credit Hours
PRM 427 Where's the Money: Special Event Revenue Generation		
PRM 483 Sports Tourism		
PRM 485 Sports Events		
PRM 487 Advanced Special Events Management		
PRM 494 Special Topics		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 440 Advocacy in Therapeutic Recreation (GCSI)		
RTH 450 Therapeutic Recreation and Community Health		
RTH 453 Inclusive Community Sport		
RTH 455 Recreational Therapy and Play with Children, Youth and Families		
RTH 460 Assessment and Documentation in Recreational Therapy		
TDM 345 Meeting and Convention Planning		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		
TDM 481 Sustainable Food Management in Tourism		

Requirement	Minimum Grade	Credit Hours
TDM 483 Sports Tourism		

Major Core

CRD 350 Tourism, Recreation and Sports Marketing	C	3
CRD 401 Managing Tourism and Leisure Enterprises	C	3
PRM 120 Leisure and the Quality of Life (SOBE)	C	3
PRM 203 Program Planning	C	3
PRM 310 Volunteer Management (CIVI)	C	3
PRM 380 Wilderness and Parks in America (SUST)	C	3

Major Electives

TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
Major Electives	C	12
PRM 145 Special Events Management		
PRM 201 Introduction to Parks, Recreation and Sport Management		
PRM 294 Special Topics		
PRM 307 Arizona Cardinals Rotational Program		
PRM 360 Environmental and Cultural Interpretation		
PRM 427 Where's the Money: Special Event Revenue		

Requirement	Minimum Grade	Credit Hours
Generation		
PRM 483 Sports Tourism		
PRM 485 Sports Events		
PRM 487 Advanced Special Events Management		
PRM 494 Special Topics		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 440 Advocacy in Therapeutic Recreation (GCSI)		
RTH 450 Therapeutic Recreation and Community Health		
RTH 453 Inclusive Community Sport		
RTH 455 Recreational Therapy and Play with Children, Youth and Families		
RTH 460 Assessment and Documentation in Recreational Therapy		
TDM 225 Introduction to Hotel, Resort and Lodging Management		
TDM 345 Meeting and Convention Planning		
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		

Requirement	Minimum Grade	Credit Hours
TDM 481 Sustainable Food Management in Tourism		
TDM 483 Sports Tourism		
Upper Division Major Electives	C	6
PRM 307 Arizona Cardinals Rotational Program		
PRM 360 Environmental and Cultural Interpretation		
PRM 427 Where's the Money: Special Event Revenue Generation		
PRM 483 Sports Tourism		
PRM 485 Sports Events		
PRM 487 Advanced Special Events Management		
PRM 494 Special Topics		
RTH 364 Foundations in Recreational Therapy (SOBE)		
RTH 440 Advocacy in Therapeutic Recreation (GCSI)		
RTH 450 Therapeutic Recreation and Community Health		
RTH 453 Inclusive Community Sport		
RTH 455 Recreational Therapy and Play with Children, Youth and Families		
RTH 460 Assessment and Documentation in Recreational Therapy		
TDM 345 Meeting and Convention Planning		

Requirement	Minimum Grade	Credit Hours
TDM 386 Convention Sales and Management		
TDM 448 Heritage and Cultural Tourism		
TDM 458 International Tourism (GCSI)		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 480 Sustainable Tourism		
TDM 481 Sustainable Food Management in Tourism		
TDM 483 Sports Tourism		

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of three credits of PRM 203, CRD 402, CRD 435, or CRD 484 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	6
Area 1: Criminology and Criminal Justice	
CRJ Elective	
Area 2: Public Affairs	
PAF Elective	
Area 3: Social Work	

SWU Elective

Area 4: Public Service and Community Solutions

CPP Elective

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Tourism Development and Management, BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPTDMBS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Professional Core		
CRD 403 Leadership and Professional Development	C	3
CRD 435 Service Learning for Community Development	C	1
Upper Division Senior Internship Experience	C	12

> Students can choose 12 credits of CRD 463, 6 credits of CRD 463 and 6 credits of electives, or 3 credits of CRD 435 and 9 credits of electives. Electives must not be from previous coursework.

Requirement	Minimum Grade	Credit Hours
CRD 463 Senior Internship **CRD 463 Senior Internship** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective **CRD 435 Service Learning for Community Development** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		

Review eligibility for each option at https://scrd.asu.edu/content/documents

Major Core

CRD 350 Tourism, Recreation and Sports Marketing	C	3
CRD 401 Managing Tourism and Leisure Enterprises	C	3
PRM 120 Leisure and the Quality of Life (SOBE)	C	3
TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
TDM 225 Introduction to Hotel, Resort and Lodging Management	C	3
TDM 372 Tourism Planning	C	3
TDM 458 International Tourism (GCSI)		3
TDM 480 Sustainable Tourism	C	3

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of CRD 301, TDM 372, CRD 402, or CRD 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Criminology and Criminal Justice		
CRJ Elective		
Area 2: Public Affairs		
PAF Elective		
Area 3: Social Work		6
SWU Elective		
Area 4: Public Service and Community Solutions		
CPP Elective		

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

Tourism Electives

Tourism Development and Management Electives

CRD Elective		
ENG 379 Travel Writing		
PAF 410 Building Leadership Skills (SOBE)		
PRM Elective Recommended: **PRM 145** OR **PRM 304** OR **PRM 360**		
NLM Elective		
TDM 225 Introduction to Hotel, Resort and Lodging Management		
TDM 345 Meeting and Convention Planning	C	12
TDM 386 Convention Sales and Management		
TDM 415 Tourism Transportation Systems		
TDM 448 Heritage and Cultural Tourism		
TDM 475 Entrepreneurial Recreation and Tourism		
TDM 481 Sustainable Food Management in Tourism		

Taking TDM 345 as a Tourism Development and Management Elective will yield the Convention Sales and Meeting Planning certificate.

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Tourism Development and Management (Meetings and Events), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPTDMMEBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Professional Core		
CRD 403 Leadership and Professional Development	C	3
CRD 435 Service Learning for Community Development	C	1
Upper Division Senior Internship Experience	C	12
CRD 463 Senior Internship		
CRD 463 Senior Internship **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper		

Requirement	Minimum Grade	Credit Hours
Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		
CRD 435 Service Learning for Community Development **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		

Review eligibility for each option at https://scrd.asu.edu/content/documents

Major Core

CRD 350 Tourism, Recreation and Sports Marketing	C	3
CRD 401 Managing Tourism and Leisure Enterprises	C	3
PRM 120 Leisure and the Quality of Life (SOBE)	C	3
TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
TDM 372 Tourism Planning	C	3
TDM 458 International Tourism (GCSI)	C	3
TDM 480 Sustainable Tourism	C	3

Meetings and Events Concentration

PRM 145 Special Events Management	C	3
PRM 203 Program Planning	C	3

Requirement	Minimum Grade	Credit Hours
PRM 487 Advanced Special Events Management OR **PRM 307 Arizona Cardinals Rotational Program**	C	3
TDM 386 Convention Sales and Management	C	3
Concentration Electives		
PRM 422 Special Event Technology and Production		
PRM 423 Special Event Operations		
PRM 427 Where's the Money: Special Event Revenue Generation	C	6
TDM 345 Meeting and Convention Planning		
TDM 481 Sustainable Food Management in Tourism		

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of CRD 301, TDM 372, CRD 402, or CRD 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	6
Area 1: Criminology and Criminal Justice	
CRJ Elective	
Area 2: Public Affairs	

PAF Elective

Area 3: Social Work

SWU Elective

Area 4: Public Service and Community Solutions

CPP Elective

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Tourism Development and Management (Resort and Hotel Leadership), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPTDMRBS
Minimum credit hours: 120
Upper division minimum credit hours: 46

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 301 Sustainable Communities (SUST)	C	3
Professional Core		
CRD 403 Leadership and Professional Development	C	3
CRD 435 Service Learning for Community Development	C	1
Upper Division Senior Internship Experience	C	12

> Students can choose 12 credits of CRD 463, 6 credits of CRD 463 and 6 credits of electives, or 3 credits of CRD 435 and 9 credits of electives. Electives must not be from previous coursework.

Requirement	Minimum Grade	Credit Hours
CRD 463 Senior Internship **CRD 463 Senior Internship** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective **CRD 435 Service Learning for Community Development** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		

Review eligibility for each option at https://scrd.asu.edu/content/documents

Major Core

PRM 120 Leisure and the Quality of Life (SOBE)	C	3
TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
TDM 372 Tourism Planning	C	3
TDM 458 International Tourism (GCSI)	C	3
TDM 480 Sustainable Tourism	C	3
CRD 350 Tourism, Recreation and Sports Marketing	C	3
CRD 401 Managing Tourism and Leisure Enterprises	C	3

Resort and Hotel Leadership Concentration

Requirement	Minimum Grade	Credit Hours
PAF 410 Building Leadership Skills (SOBE)	C	3
TDM 225 Introduction to Hotel, Resort and Lodging Management	C	3
TDM 481 Sustainable Food Management in Tourism	C	3
Resort and Hotel Leadership Elective		
LES 305 Business Law and Ethics for Managers	C	9
MGT 380 Management and Strategy		
PRM 145 Special Events Management		
TDM 345 Meeting and Convention Planning		
TDM 386 Convention Sales and Management		
TDM 475 Entrepreneurial Recreation and Tourism		

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of CRD 301, TDM 372, CRD 402, or CRD 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement	3
Area 1: Criminology and Criminal Justice	
CRJ Elective	

Area 2: Social Work
SWU Elective
Area 3: Public Service and Community Solutions
CPP Elective

Students are required to complete coursework from Watts interdisciplinary areas. PAF 410 satisfies part of the college's interdisciplinary requirement. Students must choose one additional course from the interdisciplinary areas to complete the requirement.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Tourism Development and Management (Sustainable Tourism), BS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Science, BS
College/School: Watts College of Public Service & Community Solut
Plan Code: PPTDMSBS
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Unit Core		
CRD 210 Community Services and Professions	C	3
CRD 301 Sustainable Communities (SUST)	C	3
CRD 302 Inclusive Community Development (SOBE)	C	3
CRD 402 Assessment and Evaluation of Community Services (QTRS)	C	3
Professional Core		
CRD 403 Leadership and Professional Development	C	3
CRD 435 Service Learning for Community Development	C	1
Upper Division Senior Internship Experience	C	12

> Students can choose 12 credits of CRD 463, 6 credits of CRD 463 and 6 credits of electives, or 3 credits of CRD 435 and 9 credits of electives. Electives must not be from previous coursework.

Requirement	Minimum Grade	Credit Hours
CRD 463 Senior Internship **CRD 463 Senior Internship** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective **CRD 435 Service Learning for Community Development** **AND** Upper Division CRD Elective **or** Upper Division NLM Elective **or** Upper Division PRM Elective **or** Upper Division RTH Elective **or** Upper Division TDM Elective		

Review eligibility for each option at https://scrd.asu.edu/content/documents

Major Core

CRD 350 Tourism, Recreation and Sports Marketing	C	3
CRD 401 Managing Tourism and Leisure Enterprises	C	3
PRM 120 Leisure and the Quality of Life (SOBE)	C	3
TDM 205 Introduction to Travel and Tourism (GCSI)	C	3
TDM 372 Tourism Planning	C	3
TDM 458 International Tourism (GCSI)	C	3
TDM 480 Sustainable Tourism	C	3

Sustainable Tourism Concentration

Requirement	Minimum Grade	Credit Hours
SOS 100 Introduction to Sustainability (SUST)	C	3
SOS 300 Advanced Concepts and Integrated Approaches in Sustainability	C	3
TDM 448 Heritage and Cultural Tourism	C	3
TDM 481 Sustainable Food Management in Tourism	C	3
Sustainable Tourism Electives PRM 360 Environmental and Cultural Interpretation PRM 370 Public Lands Management TDM 225 Introduction to Hotel, Resort and Lodging Management TDM 415 Tourism Transportation Systems TDM 475 Entrepreneurial Recreation and Tourism TDM 482 Sustainable Revenue Management TDM 483 Sports Tourism	C	6

Solution-Based Learning

Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion. Successful completion of CRD 301, TDM 372, CRD 402, or CRD 463 will satisfy the SBL requirement.

Interdisciplinary Requirement

Interdisciplinary Requirement

Area 1: Criminology and Criminal Justice		
CRJ Elective		
Area 2: Public Affairs		
PAF Elective		
Area 3: Social Work		6
SWU Elective		
Area 4: Public Service and Community Solutions		
CPP Elective		

Students can choose courses from any of the four Watts interdisciplinary areas. To meet the requirement, students must take two courses from at least two different groups.

Math Proficiency

Mathematics (MATH) Recommended: **MAT 114**	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-CPP The ASU Experience	1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Applied Science (Early Childhood Studies), BAS

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Applied Science, BAS
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEAPSECBAS
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
CDE 430 Infant and Toddler Development in the Family (SOBE)	C	3
ECD 310 Applied Early Child Development	C	3
ECD 322 Cognition and General Knowledge: Science, Math, Logic and Reasoning	C	3
ECD 325 Supporting Dual Language Learners	C	3
ECD 327 Becoming a Teacher Leader	C	3
ECD 476 Intentional Teaching	C	3
ECS 312 Social and Emotional Development of the Young Child (SOBE)	C	3
ECS 315 Classroom Organization and Child Guidance	C	3
ECS 321 Communication, Language Development, and Emergent Literacy	C	3

Requirement	Minimum Grade	Credit Hours
ECS 430 Systems, Policy, and Advocacy in Early Childhood/Special Education	C	3
ECS 427 Highly Individualized Teaching and Learning	C	3
FAS 370 Family Ethnic and Cultural Diversity (CIVI)	C	3

Students who have not met all ASU general studies and first-year composition requirements with their transfer courses must complete them at ASU to earn the BAS degree.		
Students should work with their academic advisor to review the DARS graduation audit to determine needed requirements.		
AAS Transfer Degree Block of Credit Hours		60

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq		
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr		
Mathematics Placement Assessment score determines placement in first mathematics course.		
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree		

requirements in four years.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Early Childhood Education, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEECDEDBAE
Minimum credit hours: 120
Upper division minimum credit hours: 60

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 331 Foundations of Literacy: The Science of Reading	C	3
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR TEL 488 Student Teaching	C	12
Major Core		
ECD 321 Foundations in Language, Literacy and Culture in Early Childhood (SOBE)	C	3
ECD 417 Arts Integration for Young Children	C	4
ECS 310 Foundations in Typical / Atypical Child Development	C	3
ECS 312 Social and Emotional Development of the Young Child (SOBE)	C	3
ECS 411 Instructional Methodologies for Young Children: STEM	C	3
ECS 412 Mathematics Curriculum, Instruction and Assessment	C	4
ECS 430 Systems, Policy, and Advocacy in Early Childhood/Special Education	C	3
EED 432 Literacy Methods of Instruction and Assessment for Diverse Learners	C	3
MTE 280 Numbers, Operations and Proportional Reasoning for K-8 Teaching	C	3
MTE 310 Number Sense, Spatial Relationships, and Measurement and Data for Early Childhood Education Teaching	C	3

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.

An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates,

minors or personalized interest areas.

Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website. https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Education Exploratory

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEEDUEXPL
Minimum credit hours: 30
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
TEL 101 Professional Educator Series: The Student Experience		1
First-Year Composition		
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6
College Core		
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1

TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
MAT 114 College Mathematics (MATH)		3

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Educational Studies, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: EDSLSTBAE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
Students must secure an approved work or volunteer placement for upper division coursework. The college's Community Education Services team can assist students in finding a placement at a site that teaches young children and meets the requirements of the degree.		
EDU 301 Why Education?	C	3
EDU 302 Diversity in Learning Contexts	C	3
EDU 304 The Bridge Between Coursework, Identity and Career	C	2
EDU 396 Exploring Ideas and Planning for an Internship Meet with an Educational Studies Internship Coordinator if you have questions about, or want to plan ahead for, your internship series. EDU 396 is the first internship course.	C	3
EDU 402 Partnering to Advance Educational Initiatives	C	3
EDU 404 Navigating Change in Educational Innovations	C	3
EDU 484 Internship	C	3

Requirement	Minimum Grade	Credit Hours
EDU 498 Pro-Seminar	C	4
LSE 303 Human Development: Addressing Learner Capabilities (SOBE)	C	3
LSE 305 Conceptualizing Learning: Theories in Practice	C	3
LSE 401 Designing Learning Environments for Inclusion (SOBE)	C	3

College Core

MAT 114 College Mathematics (MATH)	C	3
SPE 223 Intersection of Society, Disabilities and Inclusion (CIVI)	C	3
TEL 200 Social Embeddedness of Educational Endeavors	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition **OR** ENG 105 Advanced First-Year Composition	C	6

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

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Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

Meet with your academic advisor right away if you are interested in an accelerated bachelor's plus master's degree opportunity. Educational Studies students can combine their undergraduate degree with one of five accelerated master's program options.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Educational Studies (Early Childhood Studies), BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEESECEBAE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
Students must secure an approved work or volunteer placement for upper division coursework. The college's Community Education Services team can assist students in finding a placement at a site that teaches young children and meets the requirements of the degree.		
CDE 430 Infant and Toddler Development in the Family (SOBE)	C	3
ECD 220 Introduction to Nutrition, Health and Safety	C	2
ECD 310 Applied Early Child Development	C	3
ECD 322 Cognition and General Knowledge: Science, Math, Logic and Reasoning	C	3
ECD 325 Supporting Dual Language Learners	C	3
ECD 476 Intentional Teaching	C	3
ECD 327 Becoming a Teacher Leader	C	3

Requirement	Minimum Grade	Credit Hours
ECS 312 Social and Emotional Development of the Young Child (SOBE)	C	3
ECS 315 Classroom Organization and Child Guidance	C	3
ECS 321 Communication, Language Development, and Emergent Literacy	C	3
ECS 430 Systems, Policy, and Advocacy in Early Childhood/Special Education	C	3
ECS 427 Highly Individualized Teaching and Learning	C	3
FAS 370 Family Ethnic and Cultural Diversity (CIVI)	C	3

College Core

MAT 114 College Mathematics (MATH)		3
SPE 223 Intersection of Society, Disabilities and Inclusion (CIVI)	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-ONL The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** ENG 102 First-Year Composition	C	6

OR **ENG 105 Advanced First-Year Composition**

OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

Meet with your academic advisor as soon as possible if you are interested in an accelerated bachelor's plus master's degree opportunity. Educational Studies students can combine their undergraduate degree with an accelerated master's program.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Educational Studies (Instructional Design), BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEEDUSTBAE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Major Core		
CIS 300 Web Design and Development OR **GIT 135 Graphic Communications** OR **GIT 314 Multimedia Design, Planning and Storyboards** OR **GIT 315 Digital Video Techniques** OR **TWC 301 Fundamentals of Writing for Digital Media**	C	6
EDU 301 Why Education?	C	3
EDU 302 Diversity in Learning Contexts	C	3
LDT 301 Foundations of Instructional Design	C	3
LDT 320 Digital Learning Theories	C	3
LDT 330 Design of Digital Learning	C	3
LDT 410 Assessment and Evaluation for Digital Learning	C	3
LDT 484 Internship	C	3

Requirement	Minimum Grade	Credit Hours
LSE 401 Designing Learning Environments for Inclusion (SOBE)	C	3

College Core

MAT 114 College Mathematics (MATH)	C	3
SPE 223 Intersection of Society, Disabilities and Inclusion (CIVI)	C	3
TEL 200 Social Embeddedness of Educational Endeavors	C	3

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

ASU 101-ONL The ASU Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR ENG 105 Advanced First-Year Composition OR ENG 107 First-Year Composition AND ENG 108 First-Year Composition	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit

hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Elementary Education, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEEEDBAE
Minimum credit hours: 120
Upper division minimum credit hours: 51

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 331 Foundations of Literacy: The Science of Reading	C	3
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR TEL 488 Student Teaching	C	12
Major Core		
EED 324 Social Studies Methods and the Arts	C	3
EED 411 Science in Elementary Schools	C	3
EED 412 Mathematics in Elementary Schools	C	4
EED 433 Writing in the 21st Century	C	3
MTE 280 Numbers, Operations and Proportional Reasoning for K-8 Teaching	C	3
MTE 311 Geometry, Algebra, Statistics and Probability for K-8 Teaching	C	3
RDG 413 Elementary Methods for Literacy Instruction and Assessment	C	4
College Core		
BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3

TEL 111 Exploration of Education (HUAD)	C	3
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.

Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website. https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Elementary Multilingual Education, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEEMLEBAE
Minimum credit hours: 120
Upper division minimum credit hours: 62

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 331 Foundations of Literacy: The Science of Reading	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR TEL 488 Student Teaching	C	12

Major Core

BLE 324 Social Studies for Diverse Language Classrooms	C	3
BLE 336 Culturally Sustaining and Transformative Pedagogies	C	3
BLE 338 Foundations of Second Language Acquisition and Development	C	3
BLE 400 Principles of Language Minority Education	C	3
BLE 411 Science Curriculum, Instruction and Assessment in BLE/ESL Settings	C	3
BLE 413 Language Arts in BLE/ESL Settings	C	3
BLE 481 Elementary Multilingual Education Practicum	C	3
EED 412 Mathematics in Elementary Schools	C	4
EED 432 Literacy Methods of Instruction and Assessment for Diverse Learners	C	3
MTE 280 Numbers, Operations and Proportional Reasoning for K-8 Teaching	C	3
MTE 311 Geometry, Algebra, Statistics and Probability for K-8 Teaching	C	3

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition AND ENG 102 First-Year Composition		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.
An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.
Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates,

minors or personalized interest areas.

Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website: https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Middle Grades Education, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEMGEBAE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Content Courses		
English	C	15
ENG 200 Critical Reading and Writing About Literature (HUAD)		
ENG 221 Survey of English Literature I (HUAD)		
ENG 222 Survey of English Literature II (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		
ENG 242 Literatures of the United States, 1860 to Present (HUAD)		
ENG 471 Literature for Young Adults (HUAD)		
ENG Elective		
OR **General Science**		
ABS Elective		

Requirement	Minimum Grade	Credit Hours
AST 111 Introduction to Solar Systems Astronomy (SCIT)		
BIO 181 General Biology I (SCIT)		
BIO 182 General Biology II (SCIT)		
BIO 320 Fundamentals of Ecology		
BIO 340 General Genetics		
BIO Elective		
CHM 113 General Chemistry I (SCIT)		
CHM 116 General Chemistry II (SCIT)		
CHM 233 General Organic Chemistry I		
CHM Elective		
GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **GLG 103 Introduction to Geology I: Laboratory (SCIT)**		
GLG 102 Introduction to Geology II (Historical) (SCIT) **AND** **GLG 104 Introduction to Geology II: Laboratory (SCIT)**		
MIC Elective		
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**		
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**		

Requirement	Minimum Grade	Credit Hours
SCN 300 Foundations of Environmental Education		
SCN Elective		

OR **Mathematics**

MAT 170 Precalculus (MATH) or MAT 171 Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MATH)		
MAT 270 Calculus with Analytic Geometry I (MATH)		
MAT 271 Calculus with Analytic Geometry II (MATH)		
MAT 272 Calculus with Analytic Geometry III (MATH)		
MAT 300 Mathematical Structures		
MAT 310 Introduction to Geometry		
MAT 343 Applied Linear Algebra		
MAT 443 Introduction to Abstract Algebra		
MAT 445 Theory of Numbers		
MAT Elective		
MTE Elective		
STP 420 Introductory Applied Statistics (QTRS)		
STP Elective		

OR **Social Studies**

Requirement	Minimum Grade	Credit Hours
GCU 114 World Social Studies		
GPH 111 Introduction to Physical Geography (SCIT) **AND** **GPH 112 Introduction to Physical Geography Lab (SCIT)**		
HST 100 Global History to 1500 (HUAD)		
HST 101 Global History Since 1500 (HUAD)		
HST 109 United States to 1865 (AMIT)		
HST 110 United States Since 1865 (HUAD)		
HST Elective		

Students select one content area. Please consult with an academic advisor.

Upper Division Core

TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3

Requirement	Minimum Grade	Credit Hours
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1
TEL 488 Student Teaching	C	12

Major Core

SED 464 Middle-School Curr/Org	C	3
TEL 366 Professional Experience Internship	C	1
Upper Division Elementary or Middle Grades Methods EED 324 Social Studies Methods and the Arts EED 411 Science in Elementary Schools EED 433 Writing in the 21st Century MGE 410 Integrating STEM into Middle School Practice MGE 415 Integrated ELA and Social Studies Methods for Middle Grades MTE 311 Geometry, Algebra, Statistics and Probability for K-8 Teaching	C	3
Upper Division Secondary Methods ENG 480 Methods of Teaching English: Composition	C	3

Requirement	Minimum Grade	Credit Hours
ENG 482 Methods of Teaching English: Language		
HST 480 Methods of Teaching History: Classroom Resources		
HST 481 Methods of Teaching History: Community Resources		
MTE 485 Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics		
SED 480 Special Methods of Teaching Social Studies		
SED 482 Science Teaching Methods for Secondary Schools I		
SED 485 Special Methods of Teaching Social Studies: Community Resources		
SED 494 Topic: Secondary English Language Art Method Comp & Ltrcy		

Students select a content methods course that matches their content area. Please consult with an academic advisor.

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children	C	3

(CIVI)		
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.

An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website. https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Physical Education, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEPPEBAE
Minimum credit hours: 120
Upper division minimum credit hours: 54

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR TEL 488 Student Teaching	C	12

Major Core

BIO 201 Human Anatomy and Physiology I (SCIT)		4
BIO 202 Human Anatomy and Physiology II (SCIT)		4
PPE 300 Foundations of Physical Education Teaching	C	3
PPE 320 Exercise Physiology Concepts for Physical Educators	C	3
PPE 440 Physical Education in the Middle School	C	3
PPE 450 Physical Education for the Elementary School	C	3
PPE 455 Physical Education in the Secondary School	C	4
PPE 460 Adapted and Inclusive Physical Education	C	3
PPE 465 Teaching Physical Activity Concepts	C	3

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3

SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition**	C	6

OR **ENG 107 First-Year Composition** AND **ENG 108 First-Year Composition**

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.

An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website. https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Secondary Education, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TESEDBAE
Minimum credit hours: 120
Upper division minimum credit hours: 45

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR **TEL 488 Student Teaching**	C	12
Major Core		
TEL 366 Professional Experience Internship	C	1
SED 403 Secondary Principles, Curriculum and Methods	C	3
Content Area Courses		
Biology	C	21
BIO 181 General Biology I (SCIT)		
BIO 182 General Biology II (SCIT)		
BIO 320 Fundamentals of Ecology		
BIO 340 General Genetics		
BIO 345 Evolution		
ABS Elective		
BIO Elective		
MIC Elective		
SCN Elective		
OR **Business**		
ACC 231 Uses of Accounting Information I		

Requirement	Minimum Grade	Credit Hours
ACC 241 Uses of Accounting Information II		
ECN 211 Macroeconomic Principles (SOBE)		
ECN 212 Microeconomic Principles (SOBE)		
MGT 380 Management and Strategy		
MKT 390 Essentials of Marketing		
SCM 380 Supply Chain Management Foundations (SUST)		
AGB Elective		
CIS Elective		
FIN Elective		
LES Elective		
MGT Elective		
MKT Elective		
REA Elective		
OR **Chemistry**		
CHM 113 General Chemistry I (SCIT)		
CHM 116 General Chemistry II (SCIT)		
CHM 233 General Organic Chemistry I **AND** **CHM 237 General Organic Chemistry Laboratory I**		

Requirement	Minimum Grade	Credit Hours
CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II		
CHM Elective		
BCH Elective		
OR Economics		
ECN 211 Macroeconomic Principles (SOBE)		
ECN 212 Microeconomic Principles (SOBE)		
ECN 221 Business Statistics (QTRS)		
ECN 312 Intermediate Microeconomic Theory (SOBE)		
ECN 313 Intermediate Macroeconomic Theory (SOBE)		
ECN Elective		
OR English		
ENG 200 Critical Reading and Writing About Literature (HUAD)		
ENG 221 Survey of English Literature I (HUAD)		
ENG 222 Survey of English Literature II (HUAD)		
ENG 241 Literatures of the United States to 1860 (HUAD)		
ENG 242 Literatures of the United States, 1860 to Present (HUAD)		

Requirement	Minimum Grade	Credit Hours
ENG 471 Literature for Young Adults (HUAD)		
ENG Elective		
OR **General Science**		
AST 111 Introduction to Solar Systems Astronomy (SCIT)		
BIO 100 The Living World (SCIT)		
BIO 181 General Biology I (SCIT)		
BIO 182 General Biology II (SCIT)		
CHM 101 Introductory Chemistry (SCIT)		
CHM 113 General Chemistry I (SCIT)		
CHM 116 General Chemistry II (SCIT)		
GLG 101 Introduction to Geology I (Physical) (SCIT) **AND** **GLG 103 Introduction to Geology I: Laboratory (SCIT)**		
GLG 102 Introduction to Geology II (Historical) (SCIT) **AND** **GLG 104 Introduction to Geology II: Laboratory (SCIT)**		
PHY 101 Introduction to Physics (SCIT)		
PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**		
PHY 112 General Physics (SCIT) **AND** **PHY 114 General Physics Laboratory (SCIT)**		

Requirement	Minimum Grade	Credit Hours
SCN 300 Foundations of Environmental Education		
ABS Elective		
AST Elective		
BIO Elective		
CHM Elective		
GLG Elective		
PHY Elective		

OR **Geography**

GCU 102 Introduction to Human Geography (GCSI)		
GCU 114 World Social Studies		
GCU 121 World Geography (GCSI)		
GCU 241 The Global Economy in Transition		
GIS 205 Geographic Information Science I (QTRS)		
GPH 111 Introduction to Physical Geography (SCIT)		
GPH 112 Introduction to Physical Geography Lab (SCIT)		
GCU Elective		
GPH Elective		
GIS Elective		

OR **History**

Requirement	Minimum Grade	Credit Hours
HST 100 Global History to 1500 (HUAD)		
HST 101 Global History Since 1500 (HUAD)		
HST 109 United States to 1865 (AMIT)		
HST 110 United States Since 1865 (HUAD)		
HST Elective		

OR **Mathematics**

MAT 243 Discrete Mathematical Structures		
MAT 270 Calculus with Analytic Geometry I (MATH)		
MAT 271 Calculus with Analytic Geometry II (MATH)		
MAT 272 Calculus with Analytic Geometry III (MATH)		
MAT 275 Modern Differential Equations (MATH)		
MAT 300 Mathematical Structures		
MAT 310 Introduction to Geometry		
MAT Elective		
MTE Elective		
STP Elective		

OR **Physics**

PHY 111 General Physics (SCIT) **AND** **PHY 113 General Physics Laboratory (SCIT)**		

Requirement	Minimum Grade	Credit Hours
PHY 112 General Physics (SCIT) AND PHY 114 General Physics Laboratory (SCIT)		
PHY 121 University Physics I: Mechanics (SCIT) AND PHY 122 University Physics Laboratory I (SCIT)		
PHY 131 University Physics II: Electricity and Magnetism (SCIT) AND PHY 132 University Physics Laboratory II (SCIT)		
PHY 252 Physics III (SCIT)		
PHY Elective		
OR Political Science		
POS 110 American Government and Politics (AMIT)		
POS 150 Comparative Government (GCSI)		
POS 160 Global Politics (GCSI)		
POS 210 Political Ideologies (CIVI)		
POS 216 State and Local Government (CIVI)		
POS 270 American Legal System		
POS 300 Contemporary Global Controversies (GCSI)		
POS 310 American National Government (AMIT)		
POS 370 Law and Society (CIVI)		
JUS Elective		

Requirement	Minimum Grade	Credit Hours
SGS Elective		
POS Elective		
OR		
Spanish		
SPA 201 Intermediate Spanish		
SPA 202 Intermediate Spanish		
SPA 313 Spanish Conversation and Composition		
SPA 314 Spanish Conversation and Composition		
SPA 315 Advanced Spanish I for Bilinguals (SOBE)		
SPA 316 Advanced Spanish II for Bilinguals (CIVI)		
SPA 412 Advanced Conversation and Composition		
SPA 413 Spanish Grammar in Context		
SPA 471 Civilization of the Indohispanomexicano Southwest (HUAD)		
SPA 472 Latin American Society: Five Case Studies		
SPA 473 Old and New Spaniards: Culture and Civilization of Spain (HUAD)		
SPA Elective		

Students select one content area. Please consult with an academic advisor.

Content Area Methods Course

Requirement	Minimum Grade	Credit Hours
Upper Division Content Area Methods	C	3
BIO 480 Methods of Teaching Biology		
ENG 480 Methods of Teaching English: Composition		
ENG 482 Methods of Teaching English: Language		
HST 480 Methods of Teaching History: Classroom Resources		
HST 481 Methods of Teaching History: Community Resources		
MTE 485 Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics		
MTE 494 Topic: Advanced Methods of Tchng Mthmtics in Scndry Schls		
PPE 450 Physical Education for the Elementary School		
SED 404 World and Native Language Methods and Assessment for K-12 Classrooms		
SED 480 Special Methods of Teaching Social Studies		
SED 481 English Teaching Methods for Secondary Schools		
SED 482 Science Teaching Methods for Secondary Schools I		
SED 483 Science Teaching Methods for Secondary Schools II		
SED 485 Special Methods of Teaching Social Studies: Community Resources		

Requirement	Minimum Grade	Credit Hours
SED 494 Topic: Secondary English Language Art Method Comp & Ltrcy **THE 480 Methods of Teaching Theatre** Student select the methods course that matches their content area. Consult an academic advisor to ensure proper course selection.		

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1

TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** OR **ENG 105 Advanced First-Year Composition** OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.
An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.
Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.
Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website. https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Secondary Education (Biological Sciences), BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEBIOBAE
Minimum credit hours: 120
Upper division minimum credit hours: 49

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR TEL 488 Student Teaching	C	12

Major Core

BIO 181 General Biology I (SCIT)	C	4
BIO 182 General Biology II (SCIT)	C	4
BIO 201 Human Anatomy and Physiology I (SCIT) OR BIO 360 Animal Physiology OR PLB 308 Plant Physiology	C	3 - 4
BIO 303 Plant Diversity and Evolution OR BIO 304 Plants and Civilization OR BIO 431 Genes, Development, and Evolution OR BIO 446 Principles of Human Genetics	C	3 - 4
BIO 320 Fundamentals of Ecology OR BIO 345 Evolution	C	3
BIO 340 General Genetics OR LSC 347 Fundamentals of Genetics AND LSC 348 Fundamentals of Genetics Laboratory	C	4
CHM 113 General Chemistry I (SCIT)	C	4
CHM 116 General Chemistry II (SCIT)	C	4
TEL 366 Professional Experience Internship	C	1

Content Area Methods Course

Requirement	Minimum Grade	Credit Hours
SED 482 Science Teaching Methods for Secondary Schools I	C	3
SED 483 Science Teaching Methods for Secondary Schools II	C	3

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 170 Precalculus (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.

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Curriculum - Secondary Education (English), BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEENGBAE
Minimum credit hours: 120
Upper division minimum credit hours: 51

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR **TEL 488 Student Teaching**	C	12
Major Core		
ENG 200 Critical Reading and Writing About Literature (HUAD) OR **ENG 206 Introduction to Literary Studies (HUAD)**	C	3
ENG 221 Survey of English Literature I (HUAD) OR **ENG 222 Survey of English Literature II (HUAD)** OR **ENG 241 Literatures of the United States to 1860 (HUAD)** OR **ENG 242 Literatures of the United States, 1860 to Present (HUAD)**	C	6
ENG 312 English in its Social Setting (SOBE) OR **ENG 314 Modern Grammar** OR **ENG 323 Rhetoric and Grammar**	C	3
ENG 321 Shakespeare (HUAD) OR **ENG 421 Studies in Shakespeare (HUAD)** OR **ENG 422 Special Topics in Shakespeare**	C	3
ENG 471 Literature for Young Adults (HUAD)	C	3
TEL 366 Professional Experience Internship	C	1
Upper Division **ENG Elective**	C	3
Content Area Methods Course		

Requirement	Minimum Grade	Credit Hours
ENG 480 Methods of Teaching English: Composition OR SED 494 Topic: Secondary English Language Art Method Comp & Ltrcy	C	3
ENG 482 Methods of Teaching English: Language	C	3

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development	C	3

(SOBE)		
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

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General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Secondary Education (History), BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEHISBAE
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 470 Professional Educator Series: Career Growth and Planning		1
TEL 487 Student Teaching: Dual Certification OR **TEL 488 Student Teaching**	C	12

Requirement	Minimum Grade	Credit Hours
TEL 371 Professional Educator Series: Educational Policies		1

Major Core

HST 100 Global History to 1500 (HUAD) OR HST 101 Global History Since 1500 (HUAD)	C	6
HST 109 United States to 1865 (AMIT) OR HST 110 United States Since 1865 (HUAD)	C	6
HST 130 The Historian's Craft	C	3
HST 495 Methods of Historical Inquiry	C	3
TEL 366 Professional Experience Internship	C	1
Upper Division Non-US History	C	3

- HST 302 Topic: Envisioning Peace
- HST 302 Topic: Gender and Sexuality in Islam
- HST 302 Topic: History of the Olympic Movement
- HST 302 Topic: Jews, Christians & Muslims in Early Modern World
- HST 302 Topic: Jews, Christians & Muslims in the Medieval World
- HST 302 Topic: Slavery Systems in Africa
- HST 302 Topic: The Mexico City 1968 Olympics in Global Context
- HST 303 Studies in Asian History

Requirement	Minimum Grade	Credit Hours
HST 304 Studies in European History		
HST 305 Studies in Latin American History		
HST 309 Exploration and Empire (GCSI)		
HST 326 The Global History of the Trans-Atlantic Slave Trade (GCSI)		
HST 336 Islamic Civilization (HUAD)		
HST 339 Islam in the Modern World (GCSI)		
HST 346 Ancient Greece II: Late Classical and Hellenistic Period		
HST 347 Ancient Greece I: Bronze Age through the Peloponnesian War (CIVI)		
HST 348 Rome (GCSI)		
HST 349 Early Middle Ages		
HST 350 Later Middle Ages (GCSI)		
HST 351 Renaissance Europe		
HST 352 Europe's Reformations		
HST 354 Revolutionary Europe (GCSI)		
HST 355 Total War and the Crisis of Modernity (HUAD)		
HST 356 Europe since 1945		
HST 358 Jewish History from Antiquity to 1492		
HST 359 Jewish History from 1492 to 1948		

Requirement	Minimum Grade	Credit Hours
HST 360 Crusades and Holy Wars (HUAD)		
HST 361 Witchcraft and Heresy in Europe (HUAD)		
HST 364 Sex and Society in Europe (HUAD)		
HST 367 From Empire to Brexit: Modern Britain		
HST 368 Culture and Imagination in European History		
HST 369 History and Memory of the Holocaust		
HST 370 Eastern Europe in Transition		
HST 372 Modern Middle East (GCSI)		
HST 373 Roman History I: Foundations and Republic		
HST 374 Roman History II: The Roman Empire (GCSI)		
HST 375 Colonial Latin America		
HST 376 Modern Latin America		
HST 383 China		
HST 384 Modern China: 1700 to the Present		
HST 386 Interpreting China's Classics		
HST 387 Japan		
HST 388 Japan		
HST 391 Modern Southeast Asia		
HST 392 Modern India		
HST 397 Greece and Rome at War		

Requirement	Minimum Grade	Credit Hours
HST 404 Conquest and Encounters in Colonial Latin America (GCSI)		
HST 426 The British Empire		
HST 427 French Revolution/Napoleonic Era		
HST 429 Modern Germany		
HST 430 The Ottoman Empire in the Classical Period		
HST 435 Russian Empire: From Ivan the Terrible to 1917 (GCSI)		
HST 436 Rise & Fall of Soviet Communism		
HST 439 Athenian Democracy (CIVI)		
HST 441 Latin America and the World Economy		
HST 447 Modern Mexico		
HST 454 History of Genocide (GCSI)		
HST 465 Women in Europe, 1750 to Present		
Upper Division US History	C	3
AMS 412 Topic: The Bill of Rights and the US Supreme Court		
HST 306 Studies in United States History		
HST 314 American Cultural History Since 1865		
HST 315 Political History of the U. S.		
HST 316 20th-Century U.S. Foreign Relations		

Requirement	Minimum Grade	Credit Hours
HST 317 History of Postwar U.S. Conservatism		
HST 318 History of Engineering (HUAD)		
HST 320 U.S. Urban History since 1850		
HST 321 Constitutional History/US to 1865		
HST 322 Constitutional History of the United States Since 1865		
HST 323 Historical Studies in Race, Crime, and the Law		
HST 325 Immigration and Ethnicity in the United States (HUAD)		
HST 327 Women in U.S. History, 1600 to 1880 (HUAD)		
HST 328 Women in U.S. History, 1880-1980 (HUAD)		
HST 331 Mexican American History to 1900		
HST 332 Mexican American History Since 1900 (GCSI)		
HST 333 African American History to 1865 (AMIT)		
HST 334 African American History Since 1865 (HUAD)		
HST 335 History of Black Women in America (HUAD)		
HST 337 American Indian History to 1900 (HUAD)		
HST 338 American Indian History since 1900 (HUAD)		
HST 340 American Military History (HUAD)		
HST 341 U.S. West 19th Century		
HST 342 U.S. West 20th Century		

Requirement	Minimum Grade	Credit Hours
HST 343 American Southwest		
HST 344 Arizona		
HST 345 Environmental History (SUST)		
HST 405 Colonial American History to 1763		
HST 406 American Revolution/1763-1789		
HST 407 Early U.S. Republic/1789-1850		
HST 408 Civil War and Reconstruction (HUAD)		
HST 412 Contemporary U.S., 1973- Present		
HST 413 Contemporary America (HUAD)		
HST 414 Political History and Leadership		
HST 419 20th Century Chicano/a History (HUAD)		
HST 448 Mexican/U.S. Border		
HST 449 Mexican Immigration to the U.S.		
HST 456 The Vietnam War (HUAD)		

Content Area Methods Course

HST 480 Methods of Teaching History: Classroom Resources OR SED 480 Special Methods of Teaching Social Studies	C	3
HST 481 Methods of Teaching History: Community Resources	C	3

Requirement	Minimum Grade	Credit Hours
OR SED 485 Special Methods of Teaching Social Studies: Community Resources		

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
EDT 180 Technology Literacy: Problem Solving using Digital Technology Applications (QTRS)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 270 Professional Educator Series: Connecting Research to Practice		1

TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Secondary Education (Mathematics), BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TEMATBAE
Minimum credit hours: 120
Upper division minimum credit hours: 48

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 332 Disciplinary Literacy Methods	C	4
TEL 340 Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE)	C	3
TEL 366 Professional Experience Internship	C	1
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 470 Professional Educator Series: Career Growth and Planning		1

Requirement	Minimum Grade	Credit Hours
TEL 487 Student Teaching: Dual Certification OR TEL 488 Student Teaching	C	12
Major Core		
MAT 207 Algebra and Geometry in the High School AND MTE 210 Mentored Tutoring Internship OR MAT 208 Discrete Mathematics for Secondary Teachers OR MAT 243 Discrete Mathematical Structures	C	3 - 4
MAT 270 Calculus with Analytic Geometry I (MATH)	C	4
MAT 271 Calculus with Analytic Geometry II (MATH)	C	4
MAT 272 Calculus with Analytic Geometry III (MATH)	C	4
MAT 275 Modern Differential Equations (MATH) OR MAT 342 Linear Algebra OR MAT 343 Applied Linear Algebra OR MAT 371 Advanced Calculus I	C	3
MAT 300 Mathematical Structures	C	3
MAT 310 Introduction to Geometry	C	3
STP 420 Introductory Applied Statistics (QTRS)	C	3
Content Area Methods Course		
MTE 485 Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics	C	6

Requirement	Minimum Grade	Credit Hours
OR MTE 494 Topic: Advanced Methods of Tchng Mthmtics in Scndry Schls		

College Core

BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
TEL 111 Exploration of Education (HUAD)	C	3
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 105 Advanced First-Year Composition**	C	6
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**		

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.
Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.
Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.
An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website. https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Special Education, BAE

Catalog Year: 2025 - 2026 **General Studies Gold**
Degree: Bachelor of Arts in Education, BAE
College/School: Mary Lou Fulton College for Teaching & Learning In
Plan Code: TESPCEDBAE
Minimum credit hours: 120
Upper division minimum credit hours: 54

Requirement	Minimum Grade	Credit Hours
Upper Division Core		
TEL 310 Instructional Design and Planning: Instructional Thought and Action	C	4
TEL 317 Instructional Thought and Action: Learning Environment and Management	C	3
TEL 318 Instructional Thought and Action: Assessment for Learning	C	3
TEL 331 Foundations of Literacy: The Science of Reading	C	3
TEL 370 Professional Educator Series: Building a Professional Network		1
TEL 371 Professional Educator Series: Educational Policies		1
TEL 430 Learning Outside of School	C	3
TEL 470 Professional Educator Series: Career Growth and Planning		1
TEL 487 Student Teaching: Dual Certification OR **TEL 488 Student Teaching**	C	12

Requirement	Minimum Grade	Credit Hours
Major Core		
EED 412 Mathematics in Elementary Schools	C	4
MTE 280 Numbers, Operations and Proportional Reasoning for K-8 Teaching	C	3
RDG 413 Elementary Methods for Literacy Instruction and Assessment	C	4
SPE 321 Classroom and SPE Assessment	C	3
SPE 323 Effective Practices and Behavior Interventions: Supports for Exceptional Students	C	3
SPE 411 Special Education History and Law	C	3
SPE 423 Evidence-Based Practices for Students with Exceptional Needs	C	3
SPE 430 Professional Practices, Foundations and Collaborative Teaching in Special Education	C	3
College Core		
BLE 220 Foundations of Structured English Immersion (HUAD)	C	3
GCU 113 United States and Arizona Social Studies (AMIT)		3
MAT 114 College Mathematics (MATH)	C	3
SPE 222 Orientation to Education of Exceptional Children (CIVI)	C	3

TEL 111 Exploration of Education (HUAD)	C	3
TEL 171 Professional Educator Series: Excellence in Education		1
TEL 203 Collaborating, Planning and Implementing Instruction in Diverse Contexts	C	3
TEL 208 Education in a Changing World (GCSI)	C	3
TEL 212 Cultural Diversity in Education (HUAD)	C	3
TEL 215 Introduction to Child and Adolescent Development (SOBE)	C	3
TEL 270 Professional Educator Series: Connecting Research to Practice		1
TEL 271 Professional Educator Series: Inclusivity in Practice		1

ASU 101 or College-Specific First-Year Seminar

ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.

TEL 101 Professional Educator Series: The Student Experience		1

First-Year Composition

ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition** **OR** **ENG 105 Advanced First-Year Composition** **OR** **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq

All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr

Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

Undergraduate students in teacher preparation programs must achieve and maintain a minimum 2.25 cumulative GPA.

An Arizona DPS IVP fingerprint clearance card is required for any courses that include professional classroom experiences.

Students are encouraged to meet with their academic advisor to discuss options for elective courses, such as certificates, minors or personalized interest areas.

Students seeking teacher certification must pass required educator exams. More information can be found on the college's Certification and Compliance website. https://sites.google.com/asu.edu/mlftc-certification-and-compli/home

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is

applied according to the designation the course carries at the time the class is taken.

Curriculum - Exploratory Health and Life Sciences

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: University College
Plan Code: UCHSCIEXPL
Minimum credit hours: 47
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-UC The ASU Experience		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
Exploratory Majors UNI Requirement		
ASU 230 Life by Design		3
UNI 250 Designing Your ASU Experience		1
UNI 270 Work by Design: Preparing for a Career		1

Exploratory Health and Life Sciences Requirement

Mathematics (MATH)	C	3
Scientific Thinking in Natural Sciences (SCIT)	C	8

General Studies Courses

Global Communities, Societies, and Individuals (GCSI)	3
Humanities, Arts and Design (HUAD)	6
Quantitative Reasoning (QTRS)	3
Governance and Civic Engagement (CIVI)	3
American Institutions (AMIT)	3
Sustainability (SUST)	3
Social and Behavioral Sciences (SOBE)	3

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Exploratory Humanities, Fine Arts and Design

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: University College
Plan Code: UCHUFAEXPL
Minimum credit hours: 47
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-UC The ASU Experience		1
First-Year Composition		
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
Exploratory Majors UNI Requirement		
ASU 230 Life by Design		3
UNI 250 Designing Your ASU Experience		1
UNI 270 Work by Design: Preparing for a Career		1

Exploratory Humanities, Fine Arts and Design Requirement

Humanities, Arts and Design (HUAD)	C	6

General Studies Courses

Quantitative Reasoning (QTRS)	3
Governance and Civic Engagement (CIVI)	3
American Institutions (AMIT)	3
Sustainability (SUST)	3
Social and Behavioral Sciences (SOBE)	3
Scientific Thinking in Natural Sciences (SCIT)	8
Mathematics (MATH)	3
Global Communities, Societies, and Individuals (GCSI)	3

Notes

All baccalaureate degree students must fulfill university graduation requirements, including a minimum of 120 credit hours, with at least 45 credit hours in upper-division courses. https://catalog.asu.edu/undergraduatereq
All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

General Studies designations listed next to courses were valid for the 2025 - 2026 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.

Curriculum - Exploratory Math, Physical Sciences, Engineering and Technology

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: University College
Plan Code: UCEMTPEXPL
Minimum credit hours: 50
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-UC The ASU Experience		1
First-Year Composition		
ENG 101 First-Year Composition **AND** **ENG 102 First-Year Composition**		
OR **ENG 107 First-Year Composition** **AND** **ENG 108 First-Year Composition**	C	6
OR **ENG 105 Advanced First-Year Composition**		
Exploratory Majors UNI Requirement		
ASU 230 Life by Design		3
UNI 250 Designing Your ASU Experience		1
UNI 270 Work by Design: Preparing for a Career		1

Exploratory Math, Physical Sciences, Engineering and Technology Requirement

Scientific Thinking in Natural Sciences (SCIT)	C	8
Mathematics (MATH)	C	6

General Studies Courses

Quantitative Reasoning (QTRS)	3
Governance and Civic Engagement (CIVI)	3
American Institutions (AMIT)	3
Sustainability (SUST)	3
Social and Behavioral Sciences (SOBE)	3
Humanities, Arts and Design (HUAD)	6
Global Communities, Societies, and Individuals (GCSI)	3

Notes

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All undergraduate students must complete General Studies requirements. https://catalog.asu.edu/ug_gsr
Mathematics Placement Assessment score determines placement in first mathematics course.

Students should work with their academic advisor, and consider course prerequisites, in order to complete all degree requirements in four years.

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Curriculum - Exploratory Social and Behavioral Sciences

Catalog Year: 2025 - 2026 **General Studies Gold**
College/School: University College
Plan Code: UCSBSEXPL
Minimum credit hours: 47
Upper division minimum credit hours: 0

Requirement	Minimum Grade	Credit Hours
ASU 101 or College-Specific First-Year Seminar		
ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.		
ASU 101-UC The ASU Experience		1
First-Year Composition		
ENG 101 First-Year Composition AND ENG 102 First-Year Composition OR **ENG 107 First-Year Composition AND ENG 108 First-Year Composition** OR **ENG 105 Advanced First-Year Composition**	C	6
Exploratory Majors UNI Requirement		
ASU 230 Life by Design		3
UNI 250 Designing Your ASU Experience		1
UNI 270 Work by Design: Preparing for a Career		1

Exploratory Social and Behavioral Sciences Requirement

Social and Behavioral Sciences (SOBE)	C	3

General Studies Courses

Quantitative Reasoning (QTRS)	3
Governance and Civic Engagement (CIVI)	3
American Institutions (AMIT)	3
Sustainability (SUST)	3
Humanities, Arts and Design (HUAD)	6
Scientific Thinking in Natural Sciences (SCIT)	8
Mathematics (MATH)	3
Global Communities, Societies, and Individuals (GCSI)	3

Notes

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